

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Cc: ["Spencer Swayze"](#); ["Mullet, John E."](#); ["Avant, Bob"](#)
Subject: agenda for quarterly
Date: Thursday, April 17, 2008 8:24:00 AM

Walter:

Don't mean to bother you, but as soon as you've got a draft agenda for the quarterly, send it on.

Folks here are ready (and anxious) to get material together.....

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Cc: ["Schuerman, Peter L."](#); ["John Mullet"](#); ["Bill McCutchen"](#); ["Spencer Swayze"](#)
Subject: conference call
Date: Wednesday, April 30, 2008 11:59:00 AM

Walter:

I've visited with Peter Schuerman and John Mullet and the best time, based on the composite schedules is for a conference call between 10:00 and 11:00 am CDT. I realize that this is a little early for you folks in California, but that is the time that we can all get together.

We will all meet together for the call so we can call you direct unless you have others who will join from other locations. Please advise us if we need to get a conference line.

Unless I hear otherwise, we'll talk more tomorrow morning.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: CPBR preproposal
Date: Friday, November 14, 2008 10:13:00 AM

Walter:

When we visited, i should have asked about the CPBR preproposal. I'll basically be out from Thanksgiving until the Ceres trip and I would like to have a workable draft to discuss when we have our quarterly meeting.

You mentioned that you would like to discuss with Pete (and someone else). Could you get that meeting arranged? I would like that visit to occur soon so I have an idea of how best to write this preproposal. I'll be around most of next week.

regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: [Edgar Haro](#)
Cc: ["Walter Nelson"](#)
Subject: FW: eTicket Itinerary and Receipt for Confirmation C3LDB8
Date: Thursday, March 06, 2008 8:49:00 PM

Edgar:

Below is my flight schedule for travel to Puerto Vallarta on March 25 and returning on March 27.

We'll see you at the PV airport....

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Continental Airlines, Inc. [mailto:continentalairlines@continental.com]
Sent: Thursday, March 06, 2008 8:40 PM
To: WLR@TAMU.EDU
Subject: eTicket Itinerary and Receipt for Confirmation C3LDB8

To ensure delivery of this e-mail please add continentalairlines@continental.com to your address book or approved senders list. [See instructions](#) for adding us to your address book.



Confirmation:
C3LDB8



Issue Date: March 06, 2008

Traveler	eTicket Number	Frequent Flyer	Seats
ROONEY/WILLIAMLMR	0052161934989	CO-PW736685 Silver / ST Elite	9A/3A/5A/4A

FLIGHT INFORMATION

Day, Date	Flight	Class	Departure City and Time	Arrival City and Time	Aircraft	Meal
Tue, 25MAR08	CO9517 ¹	Q	COLLEGE STATION TX (CLL) 8:05AM	HOUSTON BUSH INTL (IAH) 8:50AM	SAAB 340	
Tue, 25MAR08	CO2031 ²	Q	HOUSTON BUSH INTL (IAH) 10:25AM	PTO VALLARTA MEX (PVR) 12:08PM	ERJ-145	
Thu, 27MAR08	CO2977 ³	B	PTO VALLARTA MEX (PVR) 4:05PM	HOUSTON BUSH INTL (IAH) 7:27PM	ERJ-145	
Thu, 27MAR08	CO3157 ⁴	B	HOUSTON BUSH INTL (IAH) 9:35PM	COLLEGE STATION TX (CLL) 10:22PM	ERJ-135	

¹ Operated by COLGAN AIR doing business as CONTINENTAL CONNECTION with turboprop equipment

¹ Flight Departs or Arrives IAH Terminal A

²Operated by EXPRESSJET AIRLINES INC doing business as CONTINENTAL EXPRESS

³Operated by EXPRESSJET AIRLINES INC doing business as CONTINENTAL EXPRESS

⁴Operated by EXPRESSJET AIRLINES INC doing business as CONTINENTAL EXPRESS

FARE INFORMATION










Fare Breakdown		Form of Payment:
Airfare:	603.00USD	MASTERCARD
U.S. Immigration User Fee:	7.00	Last Four Digits
U.S. APHIS User Fee:	5.00	0108
U.S. Federal Transportation Tax:	30.80	
U.S. Security Service Fee:	7.50	
Mexico Tourism Tax:	21.70	
Mexico Departure Tax:	28.90	
U.S. Passenger Facility Charge:	4.50	
Per Person Total:	708.40USD	
eTicket Total:	708.40USD	

The airfare you paid on this itinerary totals: 603.00 USD


The taxes you paid on this itinerary total: 105.40 USD

Fare Rules: Additional charges may apply for changes in addition to any fare rules listed.
NONREF/OVALUAFTDPT/CHGFEE
Cancel reservations before the scheduled departure time or TICKET HAS NO VALUE.

International eTicket Travel Reminders

-  **Check-in Requirement** - Bags must be checked and boarding passes obtained at least 60 minutes prior to scheduled departure. Baggage will not be accepted and advance seat assignments may be canceled if this condition is not met.
-  **Boarding Requirement** - Passengers must be prepared to board at the departure gate with their boarding pass at least 30 minutes prior to scheduled departure.
-  Failure to meet the **Boarding Requirements** may result in cancellation of reservations, denied boarding, removal of checked baggage from the aircraft and loss of eligibility for denied boarding compensation.
-  Bring this eTicket Receipt along with [photo identification](#), proof of citizenship, passport and/or visa to the ticket lobby for check-in.
-  The FAA now restricts carry-on baggage to one bag plus one personal item (purse, briefcase, laptop computer, etc.) per passenger.
-  For up to the minute flight information, sign-up for our Flight Status E-mail at [continental.com](#) or call 1-800-784-4444; in Spanish 1-800-579-3938.
-  If flight segments are not flown in order, your reservation will be cancelled. Rebooking will be subject to the fare rules governing your ticket.
-  For the most current status of your reservation, flights and other important policies, go to [continental.com](#).
-  Your eTicket is non transferable and valid for 1 year from the issue date unless

otherwise noted in the fare rules above.

 International taxes and fees may be collected at your departure airport.

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For important baggage allowance and embargo information, please visit continental.com or call Continental at 1-800-231-0856. Boxes are not accepted on Continental ExpressJet service to Mexico, Central America and the Caribbean.

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-  On domestic flights, Continental's maximum liability limit for checked baggage is \$3000 USD per passenger and Continental excludes liability for all unchecked baggage. On international flights governed by the Warsaw Convention (including the domestic portions of the trip), maximum liability for checked baggage is approximately \$640 USD per bag, and \$400 USD per passenger for unchecked baggage. On international flights governed by the Montreal Convention (including domestic portions of the trip) maximum liability for baggage is 1,000 SDRs per passenger for checked and unchecked baggage. You can declare excess valuation on certain baggage at the airport, additional fees will apply. Continental excludes liability for fragile, valuable or perishable items carried in all baggage including jewelry, computers, cash, camera equipment and similar valuables. If any of these items are

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Please do not reply to this message using the "reply" address.

For assistance, please contact Continental Airlines via telephone or via e-mail.

From: [Bill Rooney](#)
To: ["Tanya Kruse"; "Bonnie Hames"](#)
Subject: grind size, time and contamination questions
Date: Thursday, January 10, 2008 12:50:00 PM
Attachments: [Presentation1.pdf](#)

Tanya and Bonnie:

We are working on the logistics of balancing grind fineness, time it takes, sample size and cross contamination between samples.

I don't have time to ask all my questions and we probably need to have a conference call next week but we have been trying both the Wiley mill and the Hammermill. I've attached two different grinds coming from the Wiley mill and one from the Hammermill.

The Wiley Mill works very well and we can grind quite fine relatively quickly (see samples attached). We have two mill fractions – Which is acceptable? Also, the Wiley mill is easy to clean – no problems there. We expect to process and bag 6-10 samples per hour, depending on sample and fineness and completeness of grind. When we put a sample in, we can generate a suitable size sample in two minutes, but not all of the tissue has passed through the sieve. It takes about twice as long to fully grind the sample. My question – is a subsample representative of the whole sample? If so, we can grind enough, clean up and move on.

The material from the hammermill has passed through a 1.5mm sieve, but because it is a crushing rather than a cut, there are some longer particle (see picture). Are these a problem in analysis? If we don't stop to clean out the mill everytime, we can process 15-20 samples per hour, but we are a little concerned about cross contamination on small samples (dry weight < .5 lbs) because the mill doesn't clean completely out and there is not enough of a sample to "wash" it. For samples >1 lb, it is working superbly. Do you have any experience with how much cross contamination is too much?

If it is easier to call, just call me next week. I'm leaving for San Diego this pm for a pre PAG meeting tomorrow.

Regards,

Bill

Dr. William L. Rooney
Sorghum Breeding and Genetics
Department of Soil & Crop Science
Texas A&M University
2474 TAMU
College Station, Texas 77843-2474
979 845 2151 (phone)
979 862-1931 (fax)



From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Cc: [Schuerman, Peter L.](#); [McCutchen, Bill](#); ["Clint Johnson"](#)
Subject: information for this morning's conference call
Date: Thursday, March 06, 2008 9:28:00 AM
Attachments: [Sweet Sorghum RFP Table to Ceres.pdf](#)

Walter:

In advance of our phone call today, I wanted to send you some information on the performance of the sweet sorghum lines that we are preparing for use, either for Ceres or for the general RFP for the seed industry.

In addition, the information on the amounts of seed is in the final two columns. There are a few that are simply too low to increase this year, but the others are suitable for sizable increases.

This information is sent under our confidentiality agreement; don't send it out beyond our group.

I'll visit with you in a few minutes.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Abbey Pierson"](#); ["tjohnson@ceres-inc.com"](mailto:tjohnson@ceres-inc.com); ["CaseyMezera@hotmail.com"](mailto:CaseyMezera@hotmail.com)
Cc: ["Tanya Kruse"](#); [Karen Prihoda \(kprihoda@yahoo.com\)](mailto:Karen.Prihoda@yahoo.com)
Subject: information
Date: Thursday, January 24, 2008 6:02:00 PM

Abbey, Tom, and Casey:

Thanks for getting me your information. In order to process the request for a visiting scientist, I do need you social security number. I don't know what, but they require it.

If possible, please send that directly to Karen Prihoda (cc: on this message), as she will be handling the paperwork.

I will submit the paperwork, it usually takes 2 weeks for formal approval (it is just a formality), and then I can send you an "official" invitation.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Abbey Pierson"](#); ["tjohnson@ceres-inc.com"](mailto:tjohnson@ceres-inc.com); ["CaseyMezera@hotmail.com"](mailto:CaseyMezera@hotmail.com)
Cc: ["Tanya Kruse"](#); [Karen Prihoda \(kprihoda@yahoo.com\)](mailto:Karen.Prihoda@yahoo.com)
Subject: information
Date: Thursday, January 24, 2008 6:02:00 PM

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Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: is this it?
Date: Friday, November 07, 2008 7:18:00 PM
Attachments: [RFP_2010.pdf](#)

Walter:

Hope things are going well for you.

The attached file crossed my computer yesterday. It seems to be a call for proposals from CPBR - I assume this is the group to whom I should submit a preproposal that Ceres (ie, Company 203, I presume from the included documentation) would support from the industry side.

You don't need to respond UNLESS I'm wrong and this isn't it.

Regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

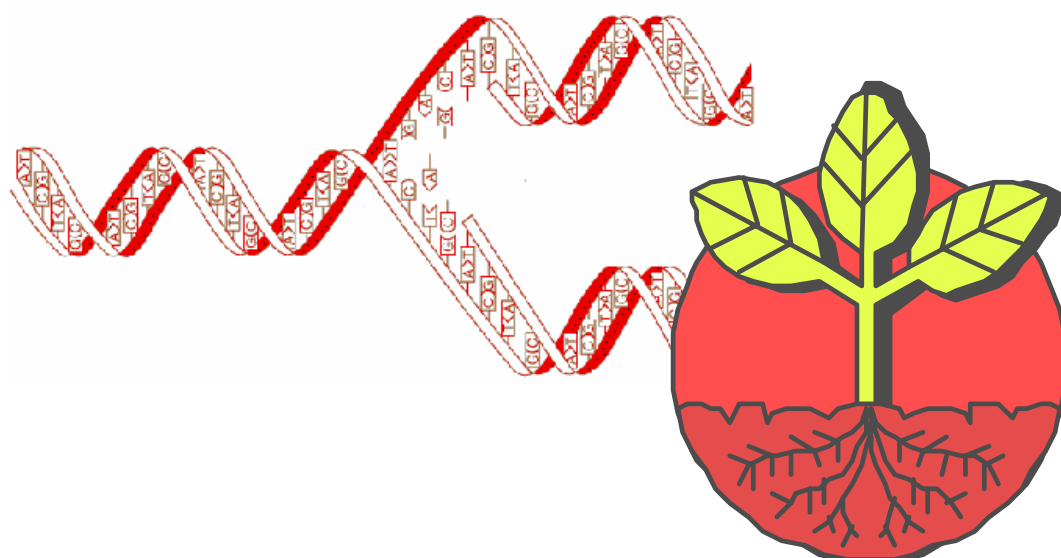


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APPENDIX 3: PREPROPOSAL COVER PAGE

THE CONSORTIUM FOR PLANT BIOTECHNOLOGY RESEARCH, INC.

2010 Competition – Bioenergy and/or Environment Preproposal Cover Sheet

Competition(s) Preference (check all that apply):

☐ Bioenergy

☐ Environment

Principal Investigator's Name: _____

Principal Investigator's University: _____

Complete Mailing Address: _____

Office Phone: _____

Lab Phone: _____

Department Phone: _____

Fax: _____

Email Address: _____

University's Congressional District: _____

Preproposal Title (Make understandable to a non-technical audience. **Limit 55 letters and spaces**):

Intellectual Property Rights Availability (check one):

☐ Are Available

☐ May Be Available

☐ Are Not Available

Summary Statement of Project (Make understandable to a non-technical audience):

Economic Benefits of Proposed Project (Make understandable to a non-technical audience):

Duration of Proposed Project : _____ months Estimated Project Cost: \$ _____

List all Co-PI names, addresses, phone and fax numbers, and email addresses. Use an additional page if necessary:

APPENDIX 4: 2009 SYMPOSIUM REGISTRATION

Please print clearly:

Name: _____ E-mail: _____
Affiliation/University: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____

Symposium - Feb. 9-11, 2008: (Provided: breakfasts, lunches, coffee breaks & 2/9 & 2/10 p.m. receptions)

	Through 1/1/08	After 1/1/08
Non-member company.....	\$925.....	\$1000.....\$
Member company	\$800.....	\$875.....\$
Government / Association	\$300.....	\$375.....\$
University**.....	\$200.....	\$250.....\$

**A PI who does not have current CPBR funding and is presenting a preproposal poster is eligible for travel assistance of up to \$400. **

HOTEL RESERVATIONS: It is important to make hotel reservations ASAP as there is no symposium hotel and this is a very busy time in DC.

Payment Options: **Check** (payable to CPBR) **or** **Credit Card:** ☐ Visa ☐ AMX ☐ MC

Cardholder Name _____

Billing Address _____

Card # _____ **Exp Date** _____

Security # _____ (the last 3-4 digit number appearing on the back of your credit card)

Signature _____

Cancellation Policy: Cancellation notices must be made in writing via fax or email. Cancellations received on or before Monday, **January 27, 2009** are eligible for a refund less a \$75 administrative fee. No shows are responsible for the full amount due. You may send a substitute in your place. Please fill out a registration form for the substitute registrant and clearly indicate the full name of the original registrant before Wednesday, January 2, 2008.

Please FAX or mail this form (see below)

(A confirmation notice will be sent once registration is processed.)

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#); ["Bonnie Hames"](#)
Cc: ["Schuerman, Peter L."](#); jmullet@neo.tamu.edu; ["David D Baltensperger"](#); ["dustin borden"](#); ["Walter Nelson"](#)
Subject: List of Biomass Samples to be Sent
Date: Thursday, May 01, 2008 12:54:00 PM
Attachments: [07 Biomass Samples - Ceres.xls](#)

Spencer:

Based on our discussion this morning, I have completed listing of the biomass samples that will be sent to Ceres. In addition, if the sample is marked in the "pre-Ceres" or commercial column, it means that it is either a commercial hybrid or it was developed in our program prior to the Ceres agreement. If there is an "x" in the NREL column, the sample will be coded and sent to NREL for analysis.

Bonnie:

This list should serve as your master; we will send based on this list, as I mentioned earlier, in two sets. We will not send anything until next week.

If anyone has any questions, please let me know.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Date: Friday, May 09, 2008 4:50:00 PM
Attachments: [07 Biomass Samples - Ceres.xls](#)

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Date: Tuesday, June 24, 2008 8:41:00 AM
Attachments: [08 CERF.xls](#)

Edgar

Attached is the list.

If you are showing people, remind them that this was seed generated by you at Ceres, but it was planted in a program with established infrastructure and experienced personnel. That's not meant as an insult to Ceres, but rather to show them that this is what will happen as a program puts qualified people in place and allows them and the infrastructure to develop. It just doesn't happen overnight.....

Also, please send the job announcement.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

Plot	Rep	Entry	Source	Hybcode	Cross
------	-----	-------	--------	---------	-------

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Date: Friday, May 09, 2008 4:50:00 PM
Attachments: [07 Biomass Samples - Ceres.xls](#)

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

From: [Bill Rooney](#)
To: ["Peter Mascia"; "Schuerman, Peter L."](#)
Subject: meeting on RIL populations
Date: Monday, August 11, 2008 3:22:00 PM

Pete and Peter

I know I'm late on this (Peter S. this is what happens when I'm in charge of putting a meeting together), but I want to get a time so that we can visit on the RIL populations and future activity in this area.

Pete as I understand it you will be in College Station on Tuesday and part of Wednesday. Wednesday works well for me (and I think for Peter too), so, is there a some time you and/or your group would be available?

If it is easier, just give me a call.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"; "Spencer Swayze"](#)
Cc: ["Schuerman, Peter L."; "Baltensperger, David"; "McCutchen, Bill"; "Avant, Bob"; "jmullet@neo.tamu.edu"](#)
Subject: NSP and NREL collaboration
Date: Tuesday, April 29, 2008 7:57:00 AM

Walter and Spencer

I hope your trip back to CA was uneventful. There was one issue that I forgot to include for discussion last week. I was reminded of it on Friday as we were preparing biomass samples for shipment to Ceres and I would to get your input on it before moving forward. Please forward this message to others at Ceres who should see and respond.

If you have any questions, comments or concerns, please let me know, by Thursday of this week.

Regards,

Bill

Dr. William L. Rooney

Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: proposals
Date: Monday, January 07, 2008 7:30:00 AM

Walter:

I wanted to follow up on our discussion last week on timeline for the proposals we agreed to prepare and submit at our quarterly meeting in December.

There are actually three proposals

but we will send them together. The and proposals are written and waiting for approval from administration to send. The proposal is being written by Jurg and Brent; I hope to have a draft by this Thursday or Friday, we'll get quick approval and then forward the whole package to you. We will send an "unofficial" proposal (which lacks all the exact numbers calculated by the budget office and correct signatures); you can use this as a guideline for budgeted and discussions on what is important to Ceres and what is not. Once we have your input, then we can finalize the proposal and make them official.

I plan to send you the unofficial proposal on Tuesday Jan 15th.

Regards,

Bill

Dr. William L. Rooney
Sorghum Breeding and Genetics
Department of Soil & Crop Science
Texas A&M University
2474 TAMU
College Station, Texas 77843-2474
979 845 2151 (phone)
979 862-1931 (fax)

From: [Bill Rooney](#)
To: ["Walter Nelson"](#); ["Spencer Swayze"](#)
Cc: [Juerg Blumenthal](#); [Brent Bean](#); ["Baltensperger, David"](#); ["Avant, Bob"](#); ["McCutchen, Bill"](#); ["Schuerman, Peter L."](#)
Subject: proposals
Date: Monday, January 14, 2008 5:53:00 PM
Attachments: [TAMU-Ceres Research Enhancement Proposal.pdf](#)

Walter and Spencer:

Just under the deadline, I've attached a document that contains all three proposals. They are packaged together, but each proposal has a separate budget.

Remember that the composition services are somewhat tied to agronomic research; I really need a research and/or breeding component to justify the service associated with the composition lab.

Take a look – if you have questions, please let us know. We'll try to answer them!

Finally, thanks for considering these. We look forward to hearing back from you.

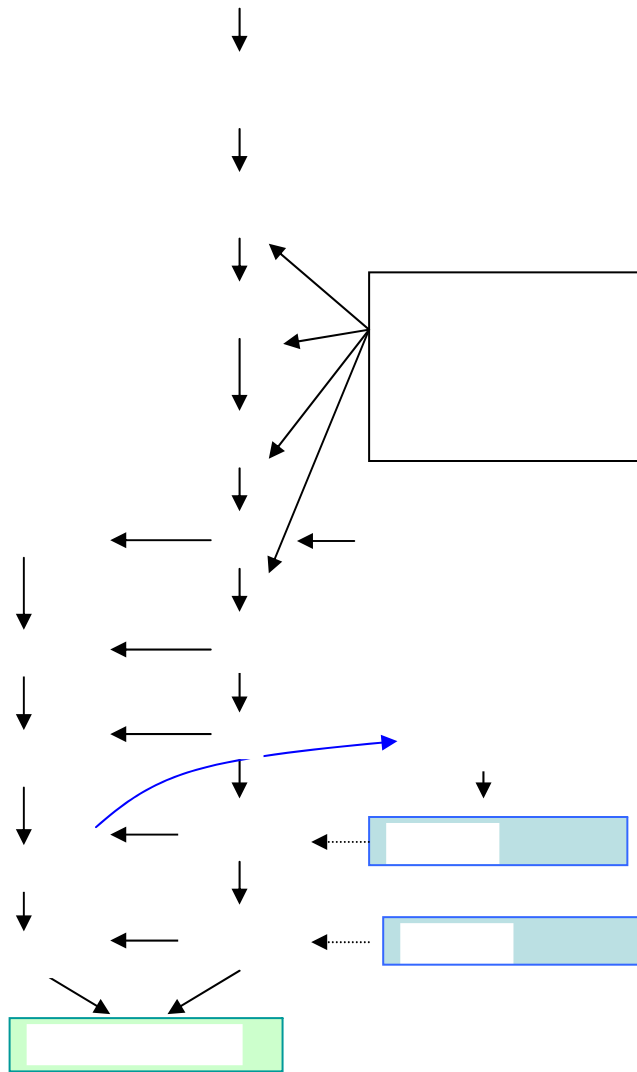
Regards,

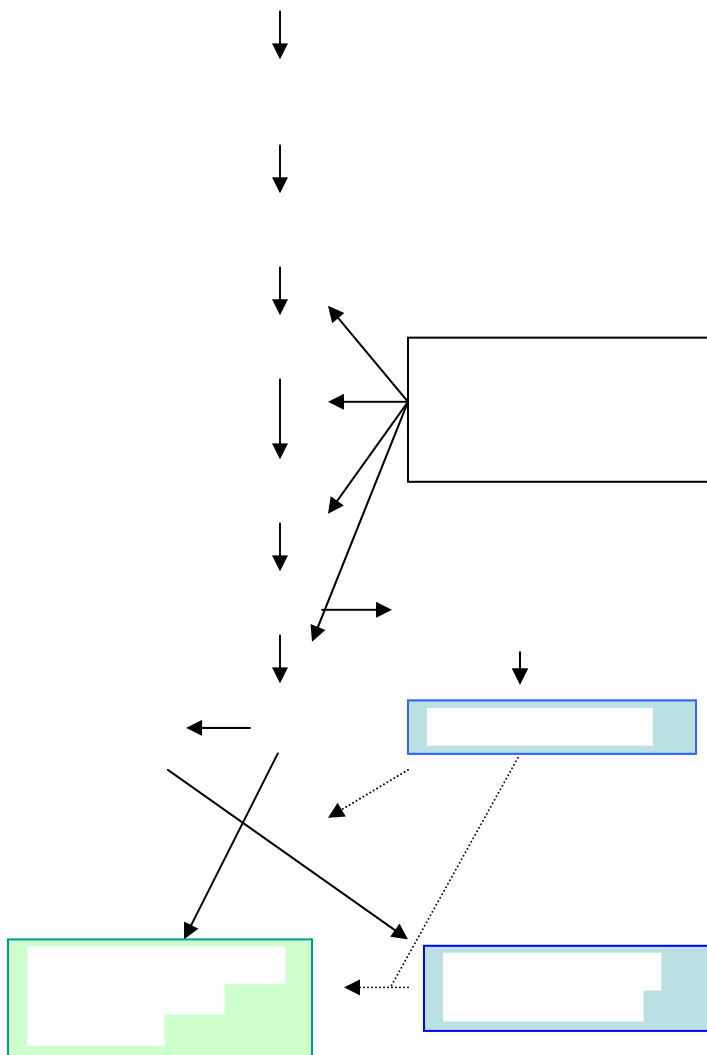
Bill

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Department of Soil & Crop Science
Texas A&M University
2474 TAMU
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979 845 2151 (phone)
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- _____ -
- _____ -

3	X		X	X
4	X		X	X

From: [Bill Rooney](#)
To: ["Abbey Pierson"](#)
Subject: RE:
Date: Sunday, January 20, 2008 3:37:00 PM

Abbey

thanks for your information. We look forward to having you here in Texas for a few weeks.

regards,

bill

-----Original Message-----

From: Abbey Pierson [mailto:apierson@ceres-inc.com]
Sent: Friday, January 18, 2008 6:09 PM
To: wlr@tamu.edu
Cc: Bonnie Hames; Tanya Kruse; Steven Thomas
Subject:

Hi Bill,

Attached is a copy of my résumé as you requested. I'm looking forward to visiting TAMU, meeting you all, and helping to get this project up and running. Please don't hesitate to contact me if there is any additional information you need in the way of supporting documentation for this process.

Thanks much,

Abbey

Abbey J. Pierson, MS
Research Associate III
Biomass Conversion
Ceres, Inc.
1535 Rancho Conejo Blvd.
Newbury Park CA 91320
805.376.6504 ext. 1158
apierson@ceres-inc.com
www.ceres.net

From: [Bill Rooney](#)
To: ["Abbey Pierson"](#)
Subject: RE:
Date: Sunday, January 20, 2008 3:37:00 PM

Abbey

thanks for your information. We look forward to having you here in Texas for a few weeks.

regards,

bill

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From: Abbey Pierson [mailto:apierson@ceres-inc.com]
Sent: Friday, January 18, 2008 6:09 PM
To: wlr@tamu.edu
Cc: Bonnie Hames; Tanya Kruse; Steven Thomas
Subject:

Hi Bill,

Attached is a copy of my résumé as you requested. I'm looking forward to visiting TAMU, meeting you all, and helping to get this project up and running. Please don't hesitate to contact me if there is any additional information you need in the way of supporting documentation for this process.

Thanks much,

Abbey

Abbey J. Pierson, MS
Research Associate III
Biomass Conversion
Ceres, Inc.
1535 Rancho Conejo Blvd.
Newbury Park CA 91320
805.376.6504 ext. 1158
apierson@ceres-inc.com
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: An option
Date: Tuesday, April 01, 2008 9:19:00 AM

Walter:

If you drive to the hotel, it will be a 40 minute drive BACK to Guayanilla (between the hotel and the field), so I would recommend that we will meet you in Guayanilla at a recognizable landmark and then go to the field from there.

However, I've got to define that landmark (it's been 8 years and quite honestly, I'll have to identify one on Wednesday). Once done on Wednesday, I'll e-mail you directions to there and then you can call as you get close. We'll meet you there and go to the field.

BTW, the recommendation on funding were acceptable to admin here so we'll develop the formal proposal. I had to educate my admin on the CPBR, reminding them that we are a member!

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Tuesday, April 01, 2008 8:55 AM
To: Bill Rooney
Subject: An option

By the way Bill, one option would be that we could plan to meet at your hotel on Friday at some specific time, say noon or 1. That way you won't need to deal with field directions.

Your call.

Thanks!

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Another quick question
Date: Friday, September 05, 2008 8:44:00 AM

Walter:

I like - it has made really nice hybrids.

Also, is pretty good.

Both of these have in their background - probably won't make the greatest hybrids with though (re, our discussion earlier this week).

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Wednesday, September 03, 2008 12:00 PM
To: Bill Rooney
Subject: Another quick question

Bill,

I recall when chatting with you about foundation seed increases for the sweet females that you said, anecdotally, that appeared to have the best all-around performance so far.

Did I get that right?

Following that one in terms of scale-up prioritization would be and
based on the sheet I got from you last year.

Let me know if you have any other input.

Thanks!

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548

www.ceres.net

From: [Bill Rooney](#)
To: ["Jeff Gwyn"](#)
Subject: RE: ASA CSSA meetings
Date: Monday, September 22, 2008 10:19:00 AM

I'll be in and out, but likely will not attend on Tuesday (I have to teach on Tuesday mornings). Others from my group may go, but we won't settle on a schedule until next week.

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Jeff Gwyn [<mailto:jgwyn@ceres-inc.com>]
Sent: Monday, September 22, 2008 10:18 AM
To: Bill Rooney
Subject: ASA CSSA meetings

Are you going to the ASA meeting in Houston in a couple weeks? If so I am looking for a ride back to CS on tue.

Please advise

J. Jefferson Gwyn, PhD
Director of Breeding
Ceres Inc.
jgwyn@ceres-inc.com
805.490.0070

SENT BY MOBILE DEVICE

From: [Bill Rooney](#)
To: ["Timothy Swaller"](#)
Subject: RE: Association pop.
Date: Tuesday, August 19, 2008 9:31:00 AM
Attachments: [08 PANELS.xls](#)

Tim:

Please find them attached.

Regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Timothy Swaller [mailto:tswaller@ceres-inc.com]
Sent: Monday, August 18, 2008 2:53 PM
To: Bill Rooney
Subject: Association pop.

Hi Bill.

Thanks for letting us sample and take some pictures of the association populations.
I was wondering if you by chance had an electronic version of the field sheets that you gave us down there.
It would really help, so we would not need to retype everything.

Thanks
Tim

Timothy Swaller
Sr. Manager
Genomic Technologies
Ceres, Inc.
(805) 376-6504 x1109
www.ceres.net

This email message is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.



Please consider the environment before printing this e-mail

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[illegible]

[illegible]

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#)
Subject: RE: Biofibe 08 - Speaker Confirmation
Date: Wednesday, October 29, 2008 9:13:00 AM

Spencer:

If they still need me to speak, I can. If you can check with Nancy and confirm whether or not they need the presentation, I would be appreciative.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Tuesday, October 28, 2008 9:08 AM
To: Bill Rooney
Cc: Avant, Bob
Subject: FW: Biofibe 08 - Speaker Confirmation

Bill,

Thanks for covering this event. The information on the event is posted below. Give me a call on my cell phone if you would like to discuss this further. When you confirm with me, I will send an introductory email to Nancy. I do not think they have filled my spot yet, but were attempting to over the past few weeks and may have done so already.

Best regards,

Spencer P. Swayze
Manager of Business Development
Ceres, Inc. "*The Energy Crop Company*"TM
sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

-----Original Message-----

From: Nancy Zubriski [mailto:nancyz@shaw.ca]
Sent: Monday, June 23, 2008 8:39 AM
To: Spencer Swayze
Subject: Biofibe 08 - Speaker Confirmation



biofibe 08 Conference and Exhibition

Thank you for agreeing to participate as a speaker at biofibe 08 on November 12-14, 2008 in Winnipeg, Manitoba. The following information should help you prepare for the event.

Speaker

Spencer Swayze
Manager of Business Development
Ceres Inc.
1535 Rancho Conejo Blvd Thousand Oaks CA 91320 (805) 376-6508
(805) 498 1002 sswayze@ceres-inc.com

Your Contact for this Event

Nancy Zubriski
Biofibe 08 Conference and Exhibition
479 Lindsay St.
Winnipeg, MB R3N 1H4
Tel: (204) 233-2902
Fax: (204) 231-5491
Email: nancyz@shaw.ca

What We Need From You:

Required Immediately

1. Your **biography** (200 word maximum)
2. Your **picture** for the printed program and website.

Required by October 31, 2008

3. Your **presentation** - Please forward your presentation on a CD or via email to ensure it is ready for your presentation at the symposium. You may also include any other documents that you would like distributed to conference participants.

Please send the above to Nancy Zubriski via email at nancyz@shaw.ca or by regular mail to 479 Lindsay St. Winnipeg, Manitoba, R3N 1H4.

Venue

The Fairmont Winnipeg
2 Lombard Place

Winnipeg, Manitoba
204-957-1350 or 1-800-866-5577

Audience

biofibe 08 will attract people from industry, government and research including:

- Bankers
- Investors
- Entrepreneurs
- Policy Makers
- Green Architects
- Green Building Construction Companies
- Distributors
- Brokers
- Purchasers
- Large Multi-National Companies
- Processors
- Logistics Companies
- Manufacturers
- Energy Companies
- Municipalities
- Lobbyist/Consultants
- Government
- Producers

Your Participation

Your participation details are as follows:

November 14, 2008

9:00 – 9:30 am

Topic – Technology Speaker on Biomass Yield

Website

Updated information on the conference will be posted on the website as available. Please visit the Biofibe 08 website located at www.biofibe.com for program information and session descriptions.

Travel and Accommodation

The conference will cover your travel and accommodation. A representative from our travel agency will be in touch to book your flight. Once your flight is confirmed, we will reserve your hotel room at the Fairmont and send you confirmation information.

Thanks again for your participation. We look forward to meeting you at Biofibe 08.

Nancy Zubriski

Tel: 00 1 (204) 233-2902

Fax: 00 1 (204) 231-5491

Cell: 00 1 (204) 291-7690

nancyz@shaw.ca

From: [Bill Rooney](#)
To: ["Tanya Kruse"](#)
Subject: RE: Biomass R&D grant letter and comments
Date: Friday, April 11, 2008 8:05:00 AM

Thanks, Tanya

Not real positive on the proposal. Guess we've more explaining to do if we resubmit.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Tanya Kruse [mailto:tkruse@ceres-inc.com]
Sent: Wednesday, April 09, 2008 3:13 PM
To: Bill Rooney; John Mullet
Subject: Biomass R&D grant letter and comments

Attached is the letter from the USDA declining funding for our grant proposal on
and the comments from the reviewers, for your information.

Tanya

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Bloom date experiment seed
Date: Thursday, June 05, 2008 7:46:00 AM

I'm guessing you get up early too.

Walter: That'll work. I'll bring it with me (the ones that I can - there are a couple that I simply don't have enough seed (until we harvest this summer). Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Thursday, June 05, 2008 7:46 AM
To: William Rooney
Subject: Bloom date experiment seed

Hi Bill,

It looks like both Clint and I will be in Weslaco for the sweet sorghum review. We get in to Harlingen on Monday night at about 5pm and leave Tuesday night about the same time.

With regard to the seed request below (a-lines for bloom dates), I know we missed this week, but if you'd like (and have the time), you could bring them with you to Weslaco and we can give them to Clint for the bloom dates in the panhandle.

Just a thought.

Walter

-----Original Message-----

From: Walter Nelson
Sent: Monday, June 02, 2008 9:39 AM
To: William Rooney
Subject: Bloom date experiments for sweet sorghums

Hi Bill,

Would it be possible to get A-line seed for the six sweet females in Ceres' program in the next day or so? I wanted to start these bloom date experiments and Edgar doesn't have enough seed for me.

I am arriving in CS today and will be around till tomorrow. Happy to swing by your office and pick them up if you have time to set some aside for me. Won't need a lot...was think one 20 ft row of each in 6-7 locations over 3 time points...maybe 50g of seed each?

Thanks! See you tonight or tomorrow.

Walter

Walter E Nelson
Product Manager
Ceres, Inc.
office (805) 376-6548
mobile (805) 410-0503

sent via Treo

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#)
Subject: RE: Call Tomorrow
Date: Friday, August 01, 2008 7:10:00 AM

either's fine. just call when you have time.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Thursday, July 31, 2008 6:57 PM
To: Bill Rooney
Subject: Call Tomorrow

Bill- Could we do the call at 4:30PM CDT or 3:30PM CDT? Please let me know.

Best regards,

Spencer P. Swayze
Manager of Business Development
Ceres, Inc. "*The Energy Crop Company*"TM
sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Cancel the sweet sorghum samples for us
Date: Tuesday, July 01, 2008 7:58:00 AM

Walter:

Good on the samples - we are starting sweet sorghum harvest right now and that's one less thing to worry about.

As for the information on sugar composition, that is information that is being generated out of Rebecca's dissertation - I'll have her prepare a summary for the next quarterly and then the details will follow in her dissertation.

Pollinations on the sweet sorghum A-line increase were finished on June 20. We have scheduled harvest for July 28 and we can fast track threshing that material soon thereafter. I suspect we could have seed ready as soon as August 15.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Tuesday, July 01, 2008 7:38 AM
To: Bill Rooney
Subject: Cancel the sweet sorghum samples for us

Hi Bill,

Just wanted to follow up on my inquiry last week about some sweet sorghum samples from the next harvest. Had a meeting with Bonnie et al and they said we are ready to start looking at them (have some of the juicing equipment and such) but they would rather wait a bit. Apparently they are up to their eyeballs in looking at the lignocellulose samples you sent.

However, I would like to understand more about what you guys have looked at w.r.t. sweet sorghum sugars extracted. I think you said you may discuss it at the next quarterly, which will be fine.

Also, just to let you know, seed has gone out for multiple bloom-date experiments for the sweet sorghum production testing. Initial testing locations will be HI, CA, AZ and TX. Ex-US locations will be queued up in the next few months by the production guys, so feel free to let inquirers know that we will definitely be doing seed production soon. Could you let me know when you get a chance how much seed you will expect to have for each of the sweet sorghum A/B pairs in the Ceres program and when? I want to make sure we start increasing them as soon as we can.

Thanks!

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Casey Mezera"](#)
Subject: RE: Continuing Education
Date: Thursday, November 20, 2008 5:02:00 PM

Casey:

When you have time, please stop by and we can visit.

Either tomorrow or early next week work best for me. December is really bad - I'll be traveling most of the month.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Casey Mezera [mailto:cmezera@ceres-inc.com]
Sent: Thursday, November 20, 2008 3:38 PM
To: wlr@tamu.edu
Subject: Continuing Education

Hello Dr. Rooney,

I was wondering if I could borrow some of your time to talk about opportunities in furthering my education at A&M. Any information you could provide would be useful.

Particularly I am interested in pursuing an Agronomy degree in the Master's program but am unsure how best to proceed.

Again, any spare time you have would be very much appreciated.

Thank you,
Casey

Casey Mezera
Ceres, Inc
College Station Research Center
3199 CR 269 E
Somerville, TX 77879
979.200.9808

From: [Bill Rooney](#)
To: ["Casey Mezera"](#)
Subject: RE: Continuing Education
Date: Friday, November 21, 2008 6:33:00 AM

I've got a committee meeting at 9. I can meet at 8 or at 10:30 on Monday morning.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Casey Mezera [mailto:cmezera@ceres-inc.com]
Sent: Thursday, November 20, 2008 7:04 PM
To: Bill Rooney
Subject: RE: Continuing Education

Will Monday 9am work for you? Tomorrow I have a few things to take care of before our chance rain next week.

Thanks,
Casey

Casey Mezera
Ceres, Inc
College Station Research Center
3199 CR 269 E
Somerville, TX 77879
979.200.9808

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Thu 11/20/2008 3:02 PM
To: Casey Mezera
Subject: RE: Continuing Education

Casey:

When you have time, please stop by and we can visit.

Either tomorrow or early next week work best for me. December is really bad - I'll be traveling most of the month.

bill

Dr. William L. Rooney

Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Casey Mezera [mailto:cmezera@ceres-inc.com]

Sent: Thursday, November 20, 2008 3:38 PM

To: wlr@tamu.edu

Subject: Continuing Education

Hello Dr. Rooney,

I was wondering if I could borrow some of your time to talk about opportunities in furthering my education at A&M. Any information you could provide would be useful.

Particularly I am interested in pursuing an Agronomy degree in the Master's program but am unsure how best to proceed.

Again, any spare time you have would be very much appreciated.

Thank you,
Casey

Casey Mezera
Ceres, Inc
College Station Research Center
3199 CR 269 E
Somerville, TX 77879
979.200.9808

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: CPBR grants
Date: Tuesday, February 26, 2008 11:26:00 AM

Thanks, Walter

If you receive an RFP from this group, please forward it. I don't remember seeing this before, as it would have been one to which I would have applied. That means it may not be getting done to the PIs. That has happened before....

I visited with Edgar yesterday and we talked about

he is reading the proposal and will get back to me. I will revise as appropriate and return to him for his agreement. Then I will forward to you for consideration.

puerto vallarta - at this time, I'm planning on going to PV on March 26-28 to look at nursery
puerto rico - we made tentative plans for edgar to visit the nursery on friday April 4.

that is all.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Tuesday, February 26, 2008 9:03 AM
To: Bill Rooney
Cc: Spencer Swayze
Subject: CPBR grants

Hi Bill,

I am putting together a couple of follow-up thoughts from our discussion last week. One of them was this notion of CPBR grants to use for enhancing the sweet sorghum breeding program. The website link is below.

<http://www.cpbr.org/>

Basically the way it works is University members propose projects for peer review looking for commercial sponsors and uses a cost-match process from the commercial sponsors. Funding is coming from DOE and USDA to name a few.

Fortunately, both Ceres and TAES (Texas AgriLife) are already members according to the website.

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: CPBR grants
Date: Wednesday, February 27, 2008 1:46:00 PM

Walter:

Please have Clint give me a call. We should talk. That would be more efficient than trying to write an e-mail response.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Wednesday, February 27, 2008 8:07 AM
To: Bill Rooney
Subject: RE: CPBR grants

Thanks Bill. I will follow up with Edgar next chance I get.

One other item that would help would be to know how much seed is available for the sweet hybrids as well as for the parental lines. I have already discussed testing production with our production guys and they were asking how much acreage and locations they would need. Clint also asked if there are any commercial lines that nick in a similar fashion to the experimentals such that they can make some estimates on timing the plantings.

Thanks!

Walter

Walter E Nelson
Product Manager
Ceres, Inc.
office (805) 376-6548
mobile (805) 410-0503

sent via Treo

-----Original Message-----

From: Bill Rooney <wlr@tamu.edu>
Sent: Tuesday, February 26, 2008 12:28 PM
To: 'Walter Nelson' <wnelson@ceres-inc.com>
Subject: RE: CPBR grants

Thanks, Walter

If you receive an RFP from this group, please forward it. I don't remember seeing this before, as it would have been one to which I would have applied. That means it may not be getting done to the PIs. That has happened before....

I visited with Edgar yesterday and we talked about

- he is reading the proposal and will get back to me. I will revise as appropriate and return to him for his agreement. Then I will forward to you for consideration.

puerto vallarta - at this time, I'm planning on going to PV on March 26-28 to look at nursery

puerto rico - we made tentative plans for edgar to visit the nursery on
friday April 4.

that is all.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]

Sent: Tuesday, February 26, 2008 9:03 AM

To: Bill Rooney

Cc: Spencer Swayze

Subject: CPBR grants

Hi Bill,

I am putting together a couple of follow-up thoughts from our discussion last week. One of them was this notion of CPBR grants to use for enhancing the sweet sorghum breeding program. The website link is below.

<http://www.cpbr.org/>

Basically the way it works is University members propose projects for peer review looking for commercial sponsors and uses a cost-match process from the commercial sponsors. Funding is coming from DOE and USDA to name a few.

Fortunately, both Ceres and TAES (Texas AgriLife) are already members according to the website.

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net <<http://www.ceres.net/>>

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: CPBR preproposal
Date: Wednesday, November 19, 2008 7:41:00 AM

Walter:

I'm usually in the office by 7:10 EST (6:10 CST), so if we can delay 1- minutes, then that will work for me.

Is there a number to call or will you call me?

Regards,
Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Wednesday, November 19, 2008 1:54 AM
To: Bill Rooney
Subject: FW: CPBR preproposal

Bill,

Would 7am EST on Thursday work for you for a call? I know that's a bit on the early side, but I think Pete's going to a conference or something.

W

-----Original Message-----

From: Peter Mascia
Sent: Tuesday, November 18, 2008 6:36 PM
To: Walter Nelson
Subject: RE: CPBR preproposal

How about 7 eastern?

-----Original Message-----

From: Walter Nelson <wnelson@ceres-inc.com>
Sent: Tuesday, November 18, 2008 8:23 PM
To: Peter Mascia <pmascia@ceres-inc.com>
Subject: RE: CPBR preproposal

I will check...what time is best for you? 8am Eastern?

From: Peter Mascia
Sent: Tuesday, November 18, 2008 5:20 PM
To: Walter Nelson

Cc: Steven Bobzin
Subject: RE: CPBR preproposal

How about Thursday morning?

Peter Mascia
Office: 805-376-6511
Cell: 805-402-0645
P Please consider the environment before printing this e-mail

From: Walter Nelson
Sent: Monday, November 17, 2008 10:27 PM
To: Peter Mascia
Cc: Steven Bobzin
Subject: RE: CPBR preproposal

Will any mornings work so we can have Bill R call in too, or would it be easier for you to speak to us and we relay to Bill?

From: Peter Mascia
Sent: Monday, November 17, 2008 7:13 PM
To: Walter Nelson
Cc: Steven Bobzin
Subject: RE: CPBR preproposal

I have a call tomorrow night. Other nights I'm available.

Pete

Peter Mascia
Office: 805-376-6511
Cell: 805-402-0645
P Please consider the environment before printing this e-mail

From: Walter Nelson
Sent: Monday, November 17, 2008 3:17 PM
To: Peter Mascia
Cc: Steven Bobzin
Subject: FW: CPBR preproposal

Hi Pete,

Are you available for a call while in DC this week?

Walter

From: Bill Rooney [<mailto:wlr@tamu.edu>]
Sent: Friday, November 14, 2008 8:15 AM
To: Walter Nelson
Subject: CPBR preproposal

Walter:

When we visited, i should have asked about the CPBR preproposal. I'll basically be out from Thanksgiving until the Ceres trip and I would like to have a workable draft to discuss when we have our quarterly meeting.

You mentioned that you would like to discuss with Pete (and someone else). Could you get that meeting arranged? I would like that visit to occur soon so I have an idea of how best to write this preproposal. I'll be around most of next week.

regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Thomas Johnson"](#)
Subject: RE: CV for Thomas Johnson, Ceres visiting scientist
Date: Thursday, January 24, 2008 8:14:00 AM

Thanks, Thomas

Bill

-----Original Message-----

From: Thomas Johnson [mailto:tjohnson@ceres-inc.com]

Sent: Thursday, January 24, 2008 12:31 AM

To: wlr@tamu.edu

Subject: CV for Thomas Johnson, Ceres visiting scientist

From: [Bill Rooney](#)
To: ["Peter Mascia"](#)
Subject: RE: Discussion about marker and association populations
Date: Sunday, July 13, 2008 2:38:00 PM

Pete:

I'll be in the field on Monday through Wednesday, but I could visit with you and Dick on Tuesday evening (again best after 6:30 pm CDT, 4:30 pm PDT) or Thursday evening (after 7:00 pm CDT, 5:00 PDT).

Just let me know what works for you.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]
Sent: Friday, July 11, 2008 5:59 PM
To: Bill Rooney
Subject: Discussion about marker and association populations

Dick and I would like to talk to you some time next week about public mapping and association populations. Can you suggest some dates and times that work for you?

Pete

Peter Mascia, Ph.D.
Vice President of Product Development
Ceres, Inc.
1535 Rancho Conejo Boulevard
Thousand Oaks, CA 91320
Tel: (805) 376-6511
Fax: (805) 376-6549
www.ceres.net

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 Please consider the environment before printing this e-mail

From: [Bill Rooney](#)
To: ["Peter Mascia"](#)
Subject: RE: Discussion about marker and association populations
Date: Tuesday, July 15, 2008 6:49:00 AM

Pete:

I assume that you are talking about 5:00 PDT (7:00 my time). If so, that will work fine for me.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]
Sent: Monday, July 14, 2008 8:04 PM
To: Bill Rooney
Cc: Richard Flavell
Subject: RE: Discussion about marker and association populations

[Bill, will 5:00 Tuesday the 15th \(tomorrow\) work for you?](#)

Peter Mascia
Office: 805-376-6511
Cell: 805-402-0645



Please consider the environment before printing this e-mail

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Sunday, July 13, 2008 12:59 PM
To: Peter Mascia
Subject: RE: Discussion about marker and association populations

Pete:

I'll be in the field on Monday through Wednesday, but I could visit with you and Dick on Tuesday evening (again best after 6:30 pm CDT, 4:30 pm PDT) or Thursday evening (after 7:00 pm CDT, 5:00 PDT).

Just let me know what works for you.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]
Sent: Friday, July 11, 2008 5:59 PM
To: Bill Rooney
Subject: Discussion about marker and association populations

Dick and I would like to talk to you some time next week about public mapping and association populations. Can you suggest some dates and times that work for you?

Pete

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Please consider the environment before printing this e-mail

From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Subject: RE: F1 crosses
Date: Monday, September 22, 2008 9:22:00 AM

yes, let's do that.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]
Sent: Friday, September 19, 2008 12:16 PM
To: Bill Rooney
Subject: F1 crosses

Bill,

I checked on the F1 plants we have.

The Cross of _____ didn't yield any plants in the field, I wonder if there is something going on in the genetic background since now we are two not having true F1 plants.

I will attempt new crosses in PV again.

I have F1 PS plants of other crosses if you are interested we may talk next week.

Edgar

Edgar Haro PhD.
Senior Manager Sorghum Research
Ceres Inc.
(979) 324-8046

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Tue 9/16/2008 1:57 PM
To: Edgar Haro
Cc: 'Bill Rooney'
Subject: RE: YT Flowering data

Thanks, Edgar. Good information.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University

College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]

Sent: Sunday, September 14, 2008 8:30 PM

To: Bill Rooney

Subject: YT Flowering data

Hi Bill,

Here is the flowering data for Ceres hybrids at TAES.

Edgar

Edgar Haro PhD.

Senior Manager Sorghum Research

Ceres Inc.

(979) 324-8046

From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Subject: RE: F1 crosses
Date: Friday, October 24, 2008 6:58:00 AM

Edgar:

Can you stop by on Monday morning?

thanks,
bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]
Sent: Tuesday, October 21, 2008 10:31 AM
To: wlr@tamu.edu
Subject: F1 crosses

Hi Bill,

The following are F1 crosses I have in the field, main intention is the transferring of the Ma6 from 007.

Don't have my notes with me but I can tell you from what I recall that I don't have any plants of the cross. I planted the remnant F1 seed from all crosses in PV (finally rains gave up and the nursery was planted this past sunday afternoon).

Will see you next monday to visit the field.

Thanks,

Edgar

From: [Bill Rooney](#)
To: ["Walter Nelson"](#); ["Spencer Swayze"](#)
Cc: ["Juerg M Blumenthal"](#); ["John Mullet"](#)
Subject: RE: Field visit Tuesday afternoon
Date: Monday, September 22, 2008 2:04:00 PM

Walter and Spencer:

Y'all come to my office; when you get here we'll call Jurg and he'll meet us in the field to look at both agronomy and plant breeding activities. Then we'll come back to the office and stop by the greenhouse and look at some intergeneric hybrids.

Jurg and John have indicated that they are available for dinner tomorrow night, and I would recommend that we plan for a 6-6:30 time for that with location decided tomorrow afternoon.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Monday, September 22, 2008 12:51 PM
To: Bill Rooney
Cc: Bill McCutchen; Bob Avant; Shay Simpson; Patricia Klein; John Mullet; Juerg M Blumenthal; Baltensperger, David; Spencer Swayze; Edgar Haro
Subject: Field visit Tuesday afternoon

Thanks Bill. This will be great. Spencer and I arrive in Austin at 11:30am tomorrow. I am guessing we'll get to College Station at around 2pm. We can meet you at your office. What time would you like us to be there?

Walter

-----Original Message-----

From: Bill Rooney [<mailto:wlr@tamu.edu>]
Sent: Monday, September 22, 2008 8:18 AM
To: Walter Nelson; Spencer Swayze; Edgar Haro
Cc: 'Bill McCutchen'; 'Bob Avant'; 'Shay Simpson'; 'Patricia Klein'; 'John Mullet'; 'Juerg M Blumenthal'; 'David D Baltensperger'
Subject: RE: Topics for discussion

Walter, Spencer and Edgar:

Based on the schedule that Shay has sent and the topics for discussion, I would like to utilize some of your time on Tuesday afternoon to visit some of the material in the field and to show you some of the products of the intergeneric hybrid program.

While doing so, we can also have some initial conversations concerning testing/evaluation, seed

production, and NIR and that should reduce time required for those topics on Wednesday.

I am also available for dinner and we can make arrangements once others here have made their availability known.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics Chair, Plant Release Committee Texas A&M University
College Station, Texas 77843-2474 979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]

Sent: Monday, September 22, 2008 7:13 AM

To: John Mullet

Cc: Bill Rooney; Bill McCutchen; Bob Avant; Shay Simpson; Patricia Klein; Spencer Swayze; Edgar Haro

Subject: RE: Topics for discussion

Hi John,

This sounds great. I added a few of these topics to the agenda, but feel free to revise further and send.

I noticed that an hour or so was set aside for conversion technologies in the agenda. I was not sure what you had in mind there, but certain subjects could be followed up with a call too depending on what you wanted to talk about and who needs to be present.

Due to being short on time, I am fine with the notion of shorter updates on areas discussed a month or so ago to provide more time for these other subjects. However, I have been thinking that, from a process point of view, that we should talk in the near future about the December meeting structure as I think it would be a good idea to have an "End of Year 1" discussion where we review achievements in year 1 and discuss targets/goals for the programs in year 2. We can discuss more Tues/Weds.

Regards,

Walter

-----Original Message-----

From: John Mullet [<mailto:jmullet@tamu.edu>]

Sent: Sunday, September 21, 2008 10:55 AM

To: Walter Nelson; Spencer Swayze

Cc: Bill Rooney; Bill McCutchen; Bob Avant; Shay Simpson; Patricia Klein

Subject: Topics for discussion

Hi Walter and Spencer,

In addition to giving you an update on our current projects, I suggest we consider carving out some time for the following discussion items;

1. Next steps with the Miscanthus group from Aberystwyth University.
2. Feasibility of a large scale sorghum germplasm mining project (follow up from Pete's visit)

I think Bill Rooney also would like to discuss several additional items at the meeting (NIR calibration curves, seed production questions, wide hybridization).

Because we updated our progress in August, I was planning to be brief in terms of a progress update this time around to provide time for discussion of the items above. However, I would be happy to proceed in greater depth as you wish.

Also, I will have to leave our meeting at 1pm to attend a Ph.D. defense.

Hope all is well,

John

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Friday
Date: Wednesday, May 21, 2008 1:34:00 PM

Walter:

I'm in the office this pm, and I've got meetings from 8-11 on Friday. 11-12 is open.

Let me know if that works for you.

Regards,

Bill

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Wednesday, May 21, 2008 12:03 PM
To: William Rooney
Subject: Friday

Hi Bill,

Hope you are doing well and had a good trip. As an FYI, I am in Texas at the moment and will get into CS Thursday afternoon. Are you going to be around on Friday morning? I am on my way to College Station right now and it would be great to stop by your office Friday morning if you are available. I'd even be willing to buy you breakfast if you are up for it. No worries if you are busy. I know it's short notice.

The main thing I'd like to chat with about is sweet sorghum data/performance. There are, of course, other things...but that's the most pressing at the moment.

Thanks!

Walter

Walter E Nelson
Product Manager
Ceres, Inc.
office (805) 376-6548
mobile (805) 410-0503

sent via Treo

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Friday
Date: Thursday, May 22, 2008 7:07:00 AM

Walter:

That'll work. I'll see you at my office.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Wednesday, May 21, 2008 7:55 PM
To: Bill Rooney
Subject: RE: Friday

Bill,

11-12 on Friday will be great. Will you be at your office?

Walter

Walter E Nelson
Product Manager
Ceres, Inc.
office (805) 376-6548
mobile (805) 410-0503

sent via Treo

-----Original Message-----

From: Bill Rooney <wlr@tamu.edu>
Sent: Wednesday, May 21, 2008 1:36 PM
To: 'Walter Nelson' <wnelson@ceres-inc.com>
Subject: RE: Friday

Walter:

I'm in the office this pm, and I've got meetings from 8-11 on Friday. 11-12 is open.

Let me know if that works for you.

Regards,

Bill

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]

Sent: Wednesday, May 21, 2008 12:03 PM

To: William Rooney

Subject: Friday

Hi Bill,

Hope you are doing well and had a good trip. As an FYI, I am in Texas at the moment and will get into CS Thursday afternoon. Are you going to be around on Friday morning? I am on my way to College Station right now and it would be great to stop by your office Friday morning if you are available. I'd even be willing to buy you breakfast if you are up for it. No worries if you are busy. I know it's short notice.

The main thing I'd like to chat with about is sweet sorghum data/performance. There are, of course, other things...but that's the most pressing at the moment.

Thanks!

Walter

Walter E Nelson
Product Manager
Ceres, Inc.
office (805) 376-6548
mobile (805) 410-0503

sent via Treo

From: [Bill Rooney](#)
To: ["Tanya Kruse"; "Bonnie Hames"](#)
Cc: ["dustin_b82@yahoo.com"](#)
Subject: RE: grind size, time and contamination questions
Date: Thursday, January 10, 2008 10:59:00 PM

Tanya and Bonnie:

I've put the time on the calendar. I think a conference call is definitely in order. I want to make sure we are consistent in our approach.

We can discuss all the items below and more. I will have Dustin Borden (he is developing the process for us) join me so he is aware of some of these details.

Give us a call then; we'll be waiting.

Regards,

Bill

Dr. William L. Rooney
Sorghum Breeding and Genetics
Department of Soil & Crop Science
Texas A&M University
2474 TAMU
College Station, Texas 77843-2474
979 845 2151 (phone)
979 862-1931 (fax)

-----Original Message-----

From: Tanya Kruse [mailto:tkruse@ceres-inc.com]
Sent: Thursday, January 10, 2008 4:15 PM
To: Bill Rooney; Bonnie Hames
Subject: RE: grind size, time and contamination questions

I think a quick phone call is in order so we can deal with this without bouncing too many e-mails around... Bonnie will be out of town/booked Monday through Wednesday. However, how does Thursday, Jan 17 at 12:00 PM west coast time sound? We can call your office line.

To give a brief comment to your questions though, we mill all of our material with a 2 mm screen. We'll want you to do the same so that we are all working with consistent particle sizes.

You haven't had problems processing those thick sorghum stalks in your Wiley? Something to discuss! As for milling only part of the sample, I would say that we definitely need to have a representative sample of the whole plant. If all of the bottom stalks are going in first, and the tops are last, then stopping in the middle would lead to a non-representative sampling of the whole plant. However, if the whole plant went into a chopper first, and you had a bucket-full of material, then you could grab representative handfuls of the whole plant from the bucket to mill to 2 mm with no problem.

When we see long stalks it usually means that our blades are either not aligned properly, or the blades are dulling. Of course, this is not the case with a hammermill, so we can discuss that further. I believe Bonnie has some data as to how much cross contamination is too much, so I'll let her reply to that problem.

On a side note, if you have any comments on the last e-mail regarding the composition lab and the 4 points mentioned there, we'd love to hear them.

Have a wonderful time in San Diego!

Tanya

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]

Sent: Thursday, January 10, 2008 10:51 AM

To: Tanya Kruse; Bonnie Hames

Subject: grind size, time and contamination questions

Tanya and Bonnie:

We are working on the logistics of balancing grind fineness, time it takes, sample size and cross contamination between samples.

I don't have time to ask all my questions and we probably need to have a conference call next week but we have been trying both the Wiley mill and the Hammermill. I've attached two different grinds coming from the Wiley mill and one from the Hammermill.

The Wiley Mill works very well and we can grind quite fine relatively quickly (see samples attached). We have two mill fractions – Which is acceptable? Also, the Wiley mill is easy to clean – no problems there. We expect to process and bag 6-10 samples per hour, depending on sample and fineness and completeness of grind. When we put a sample in, we can generate a suitable size sample in two minutes, but not all of the tissue has passed through the sieve. It takes about twice as long to fully grind the sample. My question – is a subsample representative of the whole sample? If so, we can grind enough, clean up and move on.

The material from the hammermill has passed through a 1.5mm sieve, but because it is a crushing rather than a cut, there are some longer particle (see picture). Are these a problem in analysis? If we don't stop to clean out the mill everytime, we can process 15-20 samples per hour, but we are a little concerned about cross contamination on small samples (dry weight < .5 lbs) because the mill doesn't clean completely out and there is not enough of a sample to "wash" it. For samples >1 lb, it is working superbly. Do you have any experience with how much cross contamination is too much?

If it is easier to call, just call me next week. I'm leaving for San Diego this pm for a pre PAG meeting tomorrow.

Regards,

Bill

Dr. William L. Rooney
Sorghum Breeding and Genetics

Department of Soil & Crop Science
Texas A&M University
2474 TAMU
College Station, Texas 77843-2474
979 845 2151 (phone)
979 862-1931 (fax)

From: [Bill Rooney](#)
To: ["Peter Mascia"](#)
Subject: RE: heterotic groups in sorghum
Date: Thursday, July 03, 2008 12:06:00 PM

Pete

There are few if any good papers that are journal published on heterotic groups in sorghum.

There are two dissertations that directly address heterotic groups in sorghum that I am aware of.

The first was the work of Mike Gilbert (former Cargill employee) for his Ph.D. from Texas Tech (Darrell Rosenow, chair) . Some of that was published in an ASTA proceedings in the early or mid 1990's. The rest is only available through the dissertation. The second was a dissertation by a former student (Gabriel Krishnamoorthy) of mine who finished three years ago. He used a diallel to study heterosis patterns based on fingerprinting patterns published by Menz et al. 2004. He has not published that either but I can easily get a copy of that dissertation. Please note that in both of these cases, they are relating results directly to grain sorghum; I expect results in bioenergy to be quite different.

I think it is reasonable to expect heterosis in a lot of different combinations, especially if the material is maintained or derived from the more exotic state. It is really a function of finding the right combination. Rather than converting an R to a B, I would simply use a different cytoplasm for which the line is already a non-restorer. Edgar and I were looking at 007 in an A1 and A3 background this morning. To my knowledge biomass yields are not influenced by cytoplasm type and since grain is not needed, that is no longer an issue.

In my opinion, a male sterile sweet sorghum is a disaster waiting to happen, anywhere and anytime. While there is sugar in the stalk of most sorghums during late vegetative stages, sugar accumulation increases only after the plant has flowered and it peaks at the hard dough stage. I've been looking for quite awhile for the exception to that rule; as soon as I find it, I'll make sure and not tell anyone about it! Many of the highest yielding sweet sorghums do show a mild level of PS which does enhance their yield potential, but for the U.S. the extreme DLS is not acceptable as you simply don't get sugar production without flowering. In addition, logistically, the industry looking at sweet sorghum is more and more moving toward a completely insensitive hybrid because it makes the harvest scheduling much more efficient.

If you have other questions, give me a call.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]
Sent: Wednesday, July 02, 2008 6:49 PM

To: Bill Rooney
Subject: heterotic groups in sorghum

Hi Bill, Are there any good papers on heterotic groups in sorghum?

As you know, for our DLS hybrids we do not want restoration. Are there B lines in different heterotic groups that we can use to make hybrids, e.g., can we make AXBxB hybrids with good heterosis? Should we be making our males non R types?

On another topic? If we made DLS sweet sorghum what would be the level of sugar production? As I understand it, flowering is required. Is seed production required? I would not want to try to sell a male sterile hybrid unless it was also DLS because of Ergot, etc. What do you think?

I'd be happy to discuss this with you on the phone if you'd like?

Pete

Peter Mascia, Ph.D.
Vice President of Product Development
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1535 Rancho Conejo Boulevard
Thousand Oaks, CA 91320
Tel: (805) 376-6511
Fax: (805) 376-6549
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From: [Bill Rooney](#)
To: ["Peter Mascia"](#)
Subject: RE: heterotic groups in sorghum
Date: Sunday, July 06, 2008 8:47:00 AM

Pete:

I'll be in Corpus Christi all week, working nursery. You can call me on my cell and it would be best to do so after 7:00 pm (CDT).

Talk to you later.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]
Sent: Thursday, July 03, 2008 3:02 PM
To: Bill Rooney
Subject: RE: heterotic groups in sorghum

Thanks Bill, that's very helpful. I'll give you a call some time next week if that's OK. What day and time is best for you?

Pete

Peter Mascia, Ph.D.
Vice President of Product Development
Ceres, Inc.
1535 Rancho Conejo Boulevard
Thousand Oaks, CA 91320
Tel: (805) 376-6511
Fax: (805) 376-6549
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From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Thursday, July 03, 2008 10:06 AM
To: Peter Mascia

Subject: RE: heterotic groups in sorghum

Pete

There are few if any good papers that are journal published on heterotic groups in sorghum.

There are two dissertations that directly address heterotic groups in sorghum that I am aware of.

The first was the work of Mike Gilbert (former Cargill employee) for his Ph.D. from Texas Tech (Darrell Rosenow, chair) . Some of that was published in an ASTA proceedings in the early or mid 1990's. The rest is only available through the dissertation. The second was a dissertation by a former student (Gabriel Krishnamoorthy) of mine who finished three years ago. He used a diallel to study heterosis patterns based on fingerprinting patterns published by Menz et al. 2004. He has not published that either but I can easily get a copy of that dissertation. Please note that in both of these cases, they are relating results directly to grain sorghum; I expect results in bioenergy to be quite different.

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If you have other questions, give me a call.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]

Sent: Wednesday, July 02, 2008 6:49 PM

To: Bill Rooney

Subject: heterotic groups in sorghum

Hi Bill, Are there any good papers on heterotic groups in sorghum?

I'd be happy to discuss this with you on the phone if you'd like?

Pete

Peter Mascia, Ph.D.
Vice President of Product Development
Ceres, Inc.
1535 Rancho Conejo Boulevard
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From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Subject: RE: Isolation blocks
Date: Tuesday, September 30, 2008 6:14:00 AM

Edgar:

Actually our Weslaco fall data probably mimics PV in a more appropriate way as we plant there in mid August.

M81E - depends completely on when it is planted. I haven't planted in September, but based on a mid August planting in Weslaco resulted in a mid to late October anthesis.

Della - pretty much 65-70 days

N100 - pretty much 60-65 days.

Hope that helps.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]

Sent: Monday, September 29, 2008 1:58 PM

To: Bill Rooney

Cc: Michael Stephenson; Clint Johnson

Subject: Isolation blocks

Importance: High

Hi Bill,

Do you have any flowering info of the following inbred lines in Puerto Rico.

Mike Stephenson and Clint need some insight into flowering times to calculate nicks in PV this season.

I didn't have these inbreds last season in PV and imagine the PR data might be closest to PV.

N100

M81E

Della

Thanks,
Edgar

From: [Bill Rooney](#)
To: ["Tanya Kruse"](#)
Cc: ["Dighe, Nilesh Deoram"](#)
Subject: RE: lignin variation in SOR
Date: Monday, December 15, 2008 9:09:00 PM

Tanya:

I don't know what we have, but I've copied Nilesh Dighe and he can check on it while I'm out of town.

When I return to College Station, I'll look at what Nilesh may have found and we will try to find something that will meet your needs.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Tanya Kruse [mailto:tkruse@ceres-inc.com]
Sent: Monday, December 15, 2008 1:11 PM
To: Bill Rooney
Subject: lignin variation in SOR

Hi Bill! Hope all is well with you! Steve thought that you might be able to help me out with something. Basically, I'm in need of 3 samples of 500 g (dry weight, coarse chopped) SOR that has variation in lignin (1 sample with high, 1 sample with low, and 1 sample with intermediate lignin amounts). However, the samples that we get in here are usually small grab samples and the remainder of the biomass is not available. Do you think you might have large enough samples of lines that you suspect would have variation in lignin that you could ship here to Thousand Oaks? Even if you didn't know the lignin amount, if you sent, say, 5-10 varied samples, we could do the analysis and make the needed selections. Any help that you could provide would be greatly appreciated!

Tanya Kruse, PhD

Ceres, Inc.
1535 Rancho Conejo Blvd
Thousand Oaks, CA 91320
Tel: (805) 376-6504 x1147
Fax: (805) 498-1002
tkruse@ceres-inc.com

www.ceres.net

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#)
Subject: RE: List of Biomass Samples to be Sent
Date: Thursday, May 01, 2008 2:20:00 PM

That brand name is cutting edge, cutting edge.....

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Thursday, May 01, 2008 2:20 PM
To: Bill Rooney
Subject: RE: List of Biomass Samples to be Sent

Thanks Bill!

By the way, what did you think about our seed brand?

Talk to you soon.

Spencer P. Swayze
Manager of Business Development
Ceres, Inc.
sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Thursday, May 01, 2008 10:54 AM
To: Spencer Swayze; Bonnie Hames
Cc: 'Schuerman, Peter L.'; jmullet@neo.tamu.edu; 'David D Baltensperger'; 'dustin borden'; Walter Nelson
Subject: List of Biomass Samples to be Sent

Spencer:

Based on our discussion this morning, I have completed listing of the biomass samples that will be sent to Ceres. In addition, if the sample is marked in the "pre-Ceres" or commercial column, it means that it is either a commercial hybrid or it was developed in our program prior to the Ceres agreement. If there is an "x" in the NREL column, the sample will be coded and sent to NREL for analysis.

Bonnie:

This list should serve as your master; we will send based on this list, as I mentioned earlier, in two sets. We will not send anything until next week.

If anyone has any questions, please let me know.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Subject: RE: Missing entry numbers
Date: Monday, April 28, 2008 2:33:00 PM

Actually, we have 8165. Is that correct?

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]
Sent: Monday, April 28, 2008 11:55 AM
To: Bill Rooney
Subject: Missing entry numbers

Hi Bill,
The following entries are the ones with missing seed:

Thanks,
Edgar

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#)
Subject: RE: Mtg
Date: Wednesday, February 20, 2008 7:56:00 AM

[Call me, I'm at the office.](#)

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Tuesday, February 19, 2008 8:18 PM
To: Bill Rooney
Subject: RE: Mtg

Hi Bill,

We may need directions. If so, I will give you a call and you can guide us in. I have been there before, but I tend to get lost pretty often.

Thanks!

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Tue 2/19/2008 4:08 PM
To: 'McCutchen, Bill'
Cc: Spencer Swayze; Walter Nelson; jmullet@tamu.edu; JBlumenthal@ag.tamu.edu
Subject: RE: Mtg

Bill:

I don't know if John or Jurg even know that Walter and Spencer are in town - is the 8 am fixed? I'm okay with that, but I don't know if Jurg is even back from St. Louis. I'll have to check early to make sure.

Nevertheless, I can meet at that time. Why not just come out to my place (Foundation Seed Building)? I'll show them how (and where) the other side lives.....

If they need directions, just call - I'm at work by 7:15 am.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474

979 845 2151

-----Original Message-----

From: McCutchen, Bill [<mailto:bmccutchen@tamu.edu>]

Sent: Tuesday, February 19, 2008 5:49 PM

To: wlr@tamu.edu; jmullet@tamu.edu; JBlumenthal@ag.tamu.edu

Cc: sswayze@ceres-inc.com; Slovacek, Jackie; Penn, Nancye B

Subject: Mtg

Bill, John and Juerg,

Am having dinner with Spencer and Walter tonight. Where should they meet you at 8:00 to discuss Agronomics/sweet sorghum etc?

Bill

From: [Bill Rooney](#)
To: ["Walter Nelson"](#); ["John Mullet"](#)
Cc: ["Edgar Haro"](#)
Subject: RE: Next TAMU/Ceres quarterly
Date: Tuesday, March 18, 2008 9:34:00 PM

[Walter](#)

Tuesday or Wednesday of that week are good for me. Monday is okay.

I'm sure we can visit about the schedule next week in MX.

[bill](#)

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Monday, March 17, 2008 8:20 AM
To: John Mullet; Bill Rooney
Cc: Edgar Haro
Subject: Next TAMU/Ceres quarterly

Hi John and Bill,

I hope this note finds you both well.

I wanted to drop you a line to start talking about potential dates for the next quarterly. Presumably a few of us here at Ceres will head out to College Station for a night or two. I was thinking a day or so during the week of the 21st would work well on this end. Is there time in that week that would work well for you?

I have attached a draft of the minutes and action items from our last meeting. I went ahead and incorporated the notes sent by John and Patricia (in italics). While I have been spending a fair bit of time on the breeding and agronomy proposals, I wanted to make sure we spent some time on the bioinformatics and marker aspects as well. John, would you and Patricia be available for a conference call late this week or early next to discuss the various software and marker map items with John Bouck and Tim Swaller?

Let me know what will work best for you.

Best regards,

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Next TAMU/Ceres quarterly
Date: Wednesday, March 19, 2008 9:42:00 AM

[Walter:](#)

[You can call me now. My flight from Denver was delayed and I won't be back in CS until 4:30 pm.](#)

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Wednesday, March 19, 2008 8:51 AM
To: Bill Rooney
Subject: RE: Next TAMU/Ceres quarterly

[Bill,](#)

[I will send out a proposal for that Wednesday as per your and John's availability.](#)

[I tried calling you this morning but they said you were out till noon. Will you be in the office at all today with some time for a brief call?](#)

[Walter](#)

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Tuesday, March 18, 2008 7:35 PM
To: Walter Nelson; 'John Mullet'
Cc: Edgar Haro
Subject: RE: Next TAMU/Ceres quarterly

[Walter](#)

[Tuesday or Wednesday of that week are good for me. Monday is okay.](#)

[I'm sure we can visit about the schedule next week in MX.](#)

[bill](#)

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474

979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]

Sent: Monday, March 17, 2008 8:20 AM

To: John Mullet; Bill Rooney

Cc: Edgar Haro

Subject: Next TAMU/Ceres quarterly

Hi John and Bill,

I hope this note finds you both well.

I wanted to drop you a line to start talking about potential dates for the next quarterly. Presumably a few of us here at Ceres will head out to College Station for a night or two. I was thinking a day or so during the week of the 21st would work well on this end. Is there time in that week that would work well for you?

I have attached a draft of the minutes and action items from our last meeting. I went ahead and incorporated the notes sent by John and Patricia (in italics). While I have been spending a fair bit of time on the breeding and agronomy proposals, I wanted to make sure we spent some time on the bioinformatics and marker aspects as well. John, would you and Patricia be available for a conference call late this week or early next to discuss the various software and marker map items with John Bouck and Tim Swaller?

Let me know what will work best for you.

Best regards,

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: NSP and NREL collaboration
Date: Tuesday, April 29, 2008 8:39:00 AM

Walter:

I don't have a copy of the proposal and quite honestly, I don't know if there is a formal proposal. I will check with Jeff and ask him to send it to you (if it exists in public form).

Regards,
bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Tuesday, April 29, 2008 8:18 AM
To: Bill Rooney; Spencer Swayze
Cc: Schuerman, Peter L.; Baltensperger, David; McCutchen, Bill; Avant, Bob;
jmullet@neo.tamu.edu
Subject: RE: NSP and NREL collaboration

Thanks for the note Bill. Give me a bit of time to discuss this internally and I'll get back to you before Thursday.

My first thought is that, even if you provide such samples (as I understand your argument about it being done anyway), it would seem to be possible to leverage the public effort rather than "fight" it. Rather than using the same samples in both programs, perhaps we can select a different set for NREL from that we use ourselves. That way, the public set will have 100 samples (or whatever the agreed number is) for their compositional model calibration and ours 200 (100 from public, 100 from our own efforts).

I need to consult with Bonnie and Steve on this obviously on the technical side and then others w.r.t. participation in the project in general, but that is my first impression.

Also, is it possible to get a copy of the project proposal/description from Jeff?

Thanks,

Walter

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Tuesday, April 29, 2008 5:58 AM
To: Walter Nelson; Spencer Swayze
Cc: 'Schuerman, Peter L.'; 'Baltensperger, David'; 'McCutchen, Bill'; 'Avant, Bob';
jmullet@neo.tamu.edu
Subject: NSP and NREL collaboration

Walter and Spencer

I hope your trip back to CA was uneventful. There was one issue that I forgot to include for discussion last week. I was reminded of it on Friday as we were preparing biomass samples for shipment to Ceres and I would to get your input on it before moving forward. Please forward this message to others at Ceres who should see and respond.

If you have any questions, comments or concerns, please let me know, by Thursday of this week.

Regards,

Bill

Dr. William L. Rooney

Professor, Sorghum Breeding and Genetics

Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: NSP and NREL collaboration
Date: Tuesday, April 29, 2008 9:20:00 AM
Attachments: [NSP Sorghum to Ethanol Research Initiative Final-1.doc](#)

Walter:

I was wondering why you were up and reading and responding to e-mails so early in CA. I should just assume that you are never in CA.

I visited with Jeff and I am forwarding the one pager that Jeff used to procure funding. Actually there are more objectives than knew about, primarily because I'm not involved in those objectives.

We have been asked to send approximately 100 samples, with over half of these being commercial forage hybrids as NSP wants a baseline on compositional data for what is available right now. The balance of the material is an array of sweet, grain biomass bmr, etc to provide a range in compositional analysis. Some samples should be duplicated between in the set we sent to Ceres and the set sent to NREL, but the majority would be unique to each set.

It is my understanding they will do the full NREL compositional analysis on many of those samples, but I don't know exactly what that means, other than that they will develop calibration curves. Bonnie or Steve can use their contacts to learn more than I will ever know.

With regard to South Africa, we work with several folks in Southern Africa on an INTSORMIL project. We have not done so much with sweet sorghum directly, but there are people who are starting to talk about the opportunities. They are not related to our INTSORMIL activities and they are not all in Southern Africa. Purdue does INTSORMIL related work in East and West Africa, but they are not to my knowledge pursuing sweet sorghums in that region. Most of that work is domestic in the U.S. and is focused on bmr and sweet.

I'll be in the office until 11 this morning and available on Wednesday and Thursday.

Regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Tuesday, April 29, 2008 8:45 AM
To: Bill Rooney
Subject: RE: NSP and NREL collaboration

Whatever you can find would be great. If not available, some information like: how many samples are you providing, is the model just composition, or conversion as well, what type of chemistry etc... would be helpful.

To be honest, I'll bet Bonnie and Steve will be able to call their old pals at NREL and get more

information about those things as well.

Thanks Bill,

Walter

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Tuesday, April 29, 2008 6:40 AM
To: Walter Nelson
Subject: RE: NSP and NREL collaboration

Walter:

I don't have a copy of the proposal and quite honestly, I don't know if there is a formal proposal. I will check with Jeff and ask him to send it to you (if it exists in public form).

Regards,
bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Tuesday, April 29, 2008 8:18 AM
To: Bill Rooney; Spencer Swayze
Cc: Schuerman, Peter L.; Baltensperger, David; McCutchen, Bill; Avant, Bob; jmullet@neo.tamu.edu
Subject: RE: NSP and NREL collaboration

Thanks for the note Bill. Give me a bit of time to discuss this internally and I'll get back to you before Thursday.

I need to consult with Bonnie and Steve on this obviously on the technical side and then others w.r.t. participation in the project in general, but that is my first impression.

Also, is it possible to get a copy of the project proposal/description from Jeff?

Thanks,

Walter

From: Bill Rooney [mailto:wlr@tamu.edu]

Sent: Tuesday, April 29, 2008 5:58 AM

To: Walter Nelson; Spencer Swayze

Cc: 'Schuerman, Peter L.'; 'Baltensperger, David'; 'McCutchen, Bill'; 'Avant, Bob';
jmullet@neo.tamu.edu

Subject: NSP and NREL collaboration

Walter and Spencer

I hope your trip back to CA was uneventful. There was one issue that I forgot to include for discussion last week. I was reminded of it on Friday as we were preparing biomass samples for shipment to Ceres and I would to get your input on it before moving forward. Please forward this message to others at Ceres who should see and respond.

If you have any questions, comments or concerns, please let me know, by Thursday of this week.

Regards,

Bill

Dr. William L. Rooney

Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: NSP and NREL collaboration
Date: Wednesday, April 30, 2008 8:25:00 AM

[Walter:](#)

[I'll be around all afternoon - we need to visit to understand exactly how you plan to proceed.](#)

[All is on hold until we reach agreement on how to proceed.](#)

[regards,](#)

[bill](#)

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]

Sent: Wednesday, April 30, 2008 7:00 AM

To: Bill Rooney

Cc: Schuerman, Peter L.; Baltensperger, David; McCutchen, Bill; Avant, Bob;
jmullet@neo.tamu.edu; Spencer Swayze

Subject: RE: NSP and NREL collaboration

[Bill,](#)

[I followed up with various people on this end regarding this compositional model project and some pretty serious concerns were expressed about it. While the list was a bit long, there were two major ones that surfaced.](#)

[Due to these things as well as other issues not listed here, we would ask that you not provide](#)

samples to NREL/NSP for building the model at this time.

I have already spoken to Spencer about the need to contact Tim Lust to discuss this further as we realize it's a complicated situation and needs to be discussed with them sooner, rather than later. We have a pretty good relationship with Tim due to past work together on various policy issues and feel we can make some progress with that discussion in the near term. I will give you a call later today or tomorrow (as we had already discussed doing for different reasons) to discuss more.

Regards,

Walter

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Tuesday, April 29, 2008 5:58 AM
To: Walter Nelson; Spencer Swayze
Cc: 'Schuerman, Peter L.'; 'Baltensperger, David'; 'McCutchen, Bill'; 'Avant, Bob'; jmullet@neo.tamu.edu
Subject: NSP and NREL collaboration

Walter and Spencer

I hope your trip back to CA was uneventful. There was one issue that I forgot to include for discussion last week. I was reminded of it on Friday as we were preparing biomass samples for shipment to Ceres and I would to get your input on it before moving forward. Please forward this message to others at Ceres who should see and respond.

If you have any questions, comments or concerns, please let me know, by Thursday of this week.

Regards,

Bill

Dr. William L. Rooney

Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Pedigrees for sweet sorghum hybrids
Date: Tuesday, October 07, 2008 2:28:00 PM

Walter:

FYI - All three of these females are derived from crosses or backcrosses of . The series is derived from and backcrosses.

Mike Stephenson called asking about - I've got a pound of seed ready to send to Clint, but I don't have a mailing address. You got one?

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Tuesday, October 07, 2008 1:15 PM
To: Bill Rooney
Subject: Pedigrees for sweet sorghum hybrids

Hi Bill,

A couple of months ago you provided me with about 1 lb each of three sweet sorghum hybrids from the program. The codes are below. Could you let me their pedigrees?

hybrid codes:

I was just curious to know which of the sweet females and pollinators were used on them as compared to what we are doing test production on down in Puerto Vallarta. We are also probably going to look at some small plots of these hybrids in SA this winter.

Thanks!

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Phone call to discuss R07007
Date: Monday, May 05, 2008 3:03:00 PM

Walter:

I may be a few minutes late so I can get back to my office to make the call.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Monday, May 05, 2008 3:00 PM
To: Bill Rooney
Cc: Clint Johnson; Peter Mascia
Subject: Phone call to discuss R07007

Bill,

Let's go for 10am CST (8am my time) on Tuesday (tomorrow). Clint said he can make that work. Pete might join from here as well.

Conference number:
1 866 339 1399 (toll free)
1 334 323 1808 (International)
MEETING NUMBER: *9042546*

Thanks!

Walter

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Monday, May 05, 2008 12:02 PM
To: Walter Nelson
Subject: RE: Schedule this week

Walter:

It's raining today and my schedule has been rearranged. As of right now, I'll be in College Station until 3:00 pm tomorrow afternoon. I will be leaving for Corpus Christi/Weslaco after that and I will be back in College Station on Friday. I have time for a conference call this afternoon and tomorrow between 10 and 2, or 4-7 (but I'll be in a car with spotty reception). On Friday I'm available after 2 pm.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Monday, May 05, 2008 7:51 AM
To: Bill Rooney
Subject: Schedule this week

Hi Bill,

Hope you had a good weekend. Could you remind me again what your schedule looks like this week? I seem to remember you said you'd be here a few days this week but would be gone next. Maybe I misunderstood.

I needed to coordinate a bit with you on the following:

- Setting up a call with Clint to discuss data
- Getting hybrid seed for the 6 sweet sorghums in the program for testing this summer
- Discuss an A/B increase by both you and Edgar this summer for those same 6 sweet sorghum lines in the program for Winter increase as well as hybrid production in 08/09. I'd like to get to 5-10 lbs of both A and B for each of the 6 to hand off to Clint for isolation blocks and additional hybrid production (for testing mostly in 2009) in Mexico this winter,

Let me know if there is a good time to arrange a call.

Thanks!

Walter

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Thursday, May 01, 2008 1:57 PM
To: Walter Nelson
Subject: RE: slide decks from quarterly

Walter:

Here it is. Have fun with it.

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University

College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]

Sent: Thursday, May 01, 2008 3:35 PM

To: Bill Rooney; jmullet@tamu.edu

Subject: slide decks from quarterly

Bill and John,

Could you send me the slide decks you showed us at the quarterly meeting last week? I've had a few inquiries on this end, particularly for the marker discussion slides. Pdfs are fine.

Thanks!

Walter

P.S. Bill, I promise to be sensitive about the yield data, esp. with Dr. McCutchin....

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Cc: ["Delroy Collins"](#)
Subject: RE: Planter cable
Date: Tuesday, April 29, 2008 9:15:00 AM

We don't use a cable so I don't have one for you to borrow. We mark alleys with a four wheeler and trip on the planter with a solenoid.

I don't know the formula; Delroy can tell you what is in the mix, but we get it from Crosbyton premixed and ready to apply.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]
Sent: Tuesday, April 29, 2008 9:10 AM
To: Bill Rooney
Subject: Planter cable

Hi Bill,

Our cone planter came without tripping.
Do you think it would be possible to borrow a 21 feet cable for our plots if the need be.
We are ordering the cable to be built from Almaco but I know it will take more time. I am just pulling envelopes out the boxes from our PV nursery. So it may be also awhile before we see the nursery prepared and planted.

Thanks,
Edgar

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Mon 4/28/2008 12:33 PM
To: Edgar Haro
Subject: RE: Missing entry numbers

[Actually, we have 8165. Is that correct?](#)

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]

Sent: Monday, April 28, 2008 11:55 AM

To: Bill Rooney

Subject: Missing entry numbers

Hi Bill,

The following entries are the ones with missing seed:

Thanks,
Edgar

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: proposals
Date: Monday, January 14, 2008 10:50:00 PM

Walter:

Not a problem. Glad that you've got them.

Bill

Dr. William L. Rooney
Sorghum Breeding and Genetics
Department of Soil & Crop Science
Texas A&M University
2474 TAMU
College Station, Texas 77843-2474
979 845 2151 (phone)
979 862-1931 (fax)

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Monday, January 14, 2008 9:12 PM
To: Bill Rooney; 'Walter Nelson'
Cc: 'McCutchen, Bill'
Subject: RE: proposals

Bill,

I also wanted to mention that I was just traveling with Spencer and he mentioned something about some confusion last week on when I was expecting these. For what it's worth, I knew they were coming this week. Sorry if there was any confusion and thanks again for getting them together so quickly.

Best regards,

Walter

Walter E Nelson
Product Manager
Ceres, Inc.
office (805) 376-6548
mobile (805) 410-0503

sent via Treo

-----Original Message-----

From: Bill Rooney <wlr@tamu.edu>
Sent: Monday, January 14, 2008 5:54 PM
To: 'Walter Nelson' <wnelson@ceres-inc.com>; 'Spencer Swayze' <sswayze@ceres-inc.com>
Cc: Juerg Blumenthal <jblumenthal@ag.tamu.edu>; Brent Bean <b-bean@tamu.edu>; 'Baltensperger, David' <dbaltensperger@ag.tamu.edu>; 'Avant, Bob' <bavant@tamu.edu>; 'McCutchen, Bill' <bmccutchen@tamu.edu>; 'Schuerman, Peter L.' <PSchuerman@tamu.edu>
Subject: proposals

Walter and Spencer:

Just under the deadline, I've attached a document that contains all three proposals. They are packaged together, but each proposal has a separate budget.

Remember that the composition services are somewhat tied to agronomic research; I really need a research and/or breeding component to justify the service associated with the composition lab.

Take a look - if you have questions, please let us know. We'll try to answer them!

Finally, thanks for considering these. We look forward to hearing back from you.

Regards,

Bill

Dr. William L. Rooney

Sorghum Breeding and Genetics

Department of Soil & Crop Science

Texas A&M University

2474 TAMU

College Station, Texas 77843-2474

979 845 2151 (phone)

979 862-1931 (fax)

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Puerto Rico
Date: Wednesday, December 17, 2008 9:22:00 PM

Our nursery was planted on December 3, and as such, have not yet made plans as to when I will be in PR. I will let you know when it is more definitive.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Wednesday, December 17, 2008 1:40 AM
To: Bill Rooney
Subject: Puerto Rico

Hi Bill,

I am in the process of planning a trip to Puerto Rico. The main reason will be to go with Clint to check on the A/B line increases we have there as well as some of the sweet hybrid production. I think I might get volunteered to help rogue out the increases too to clean them up as needed.

If possible, I thought it would be good to try to coordinate with when you were planning to be there as then you could see the seed increases for your lines as well as we could stop by the nursery. Do you have anything scheduled yet in terms on when you plan on being there?

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Quarterly logistics for online conferencing
Date: Thursday, April 17, 2008 3:53:00 PM

Walter:

Don't know if you were copied, but we should be able to make the connection during the quarterly meeting.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Thursday, April 17, 2008 1:28 PM
To: Bill Rooney; Mullet, John E
Cc: Bob Avant
Subject: Quarterly logistics for online conferencing

Bill and John,

One thing I wanted to mention was that a few people at Ceres TO wanted to call in and participate in the quarterly (Tim S, for example). We have a online collaboration tool called Adobe Connect that we like to use. It allows you to share your desktop and do some neat collaboration things through a web interface we host at Ceres.

If we are to use this, we'll need an internet connection in the meeting room we plan to use and probably administrative privileges on the machine being used so we can install a flash plugin. Setup is relatively painless. We would also need the the typical conference phone.

If this can be arranged, that would be great. If not, not a crisis. Using something like this will actually be a good thing to get up and running between TAMU and Ceres as it allows better interaction during the times we don't have time to fly back and forth.

Let me know what you think.

Walter

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Thursday, April 17, 2008 6:25 AM
To: Walter Nelson
Cc: Spencer Swayze; 'Mullet, John E'; 'Avant, Bob'
Subject: agenda for quarterly

Walter:

Don't mean to bother you, but as soon as you've got a draft agenda for the quarterly, send it on.

Folks here are ready (and anxious) to get material together.....

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#)
Subject: RE: Quick Question
Date: Friday, August 08, 2008 7:50:00 AM

Spencer:

I can't answer the question with hard calculated and analyzed data right now. We have folks who will be able to do so and I'm sure that you can find some of this data in the literature.

But off the top of my head, I can make a rough calculation. If a PS sorghum yields 12 DT/acre and the active growing season is 180 days, then on a daily basis, biomass accumulation is 133.33 lb/acre/day. Of course, that rate of accumulation varies across the growing season.

Hope that is useful to you. Sorry I can't be more so.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Thursday, August 07, 2008 5:53 PM
To: John Mullet; Bill Rooney
Subject: Quick Question

Bill/John,

Do you know what the maximum photosynthetic efficiency is in sorghum on a g/m²/day basis? I am particularly interested in the newer hybrids. I appreciate your help.

Best regards,

Spencer P. Swayze
Manager of Business Development
Ceres, Inc. "*The Energy Crop Company*"TM
sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Rain and field question.
Date: Tuesday, August 19, 2008 9:32:00 AM

That'll be fine - just do it post field tour so I don't have to explain who is walking around out there

BTW, you should put that blackberry up and pay attention.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Tuesday, August 19, 2008 8:52 AM
To: Bill Rooney
Subject: Rain and field question.

Thanks Bill. That is kind of what I expected.

On a slightly different note, if the rain does not eliminate the possibility of field visits, there is a possibility that I will be with a group of people on Friday that are interested in visiting college station and seeing our research farm being set up. One thing I'd like to do would be to swing by Edgar's hybrid evaluation field on the TAMU farm. While there, we'd probably swing by your nursery too. Would that be okay? I just wanted to check with you before showing anyone around out there in your field.

I don't think this is important enough to take up your time being there as they actually aren't interested in sorghum. We just want to show them what "field activities" look like.

And, as I mentioned, this will only happen if its not too wet out there which, at this point, seems unlikely. My guess of what's going to happen is, if their visit doesn't get cancelled entirely, we will just do a quick drive-by.

Thanks!

Walter

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Monday, August 18, 2008 6:13 PM
To: Walter Nelson
Subject: RE: Revised tour agenda for Aug 21 sorghum field trip

Walter:

We'll talk about that tomorrow. It is a near certainty that it will be too wet. We've had rain today, expect more tomorrow and Wednesday.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Monday, August 18, 2008 3:48 PM
To: Bridges, Brenda; Bill Rooney
Cc: Shay Simpson
Subject: RE: Revised tour agenda for Aug 21 sorghum field trip

Hi Brenda,

Thanks for the update. Just out of curiosity, has there been any discussion about if/how the plans will change if it is raining or the field is very wet?

Thanks,

Walter

From: Bridges, Brenda [mailto:bridges@tamu.edu]
Sent: Monday, August 18, 2008 11:15 AM
To: Bill Rooney; Walter Nelson; Steve Searcy; Juerg M Blumenthal; Juerg Blumenthal; John Mullet; Patricia Klein; Kenneth Hall
Cc: Avant, Bob; Shay Simpson; Adam Helms; Nelson, Michelle
Subject: Revised tour agenda for Aug 21 sorghum field trip

Howdy, all.

Attached is the revised agenda for the Aug 21 sorghum field trip to Texas A&M (please view in Print Layout).

Bob and Adam, please be sure the bus drivers go to the back of the greenhouses in the Borlaug genetics building to drop everyone off there at 11:45 a.m. Then ask the drivers to go around to the front of the Borlaug Center to pick everyone up at 12:30 p.m. The group will be divided into three to tour the greenhouses/Borlaug Center.

Ken, the tour may get to the pilot plant a bit early, possibly as early as 2:00 p.m., so please be prepared for them, should that occur.

If anyone has any questions, please call me on my cell 979.229.4072.

Brenda Bridges
Program Associate, Bioenergy Program
Texas AgriLife Research

MS 2583
College Station TX 77843-2583
(979)862-7136
Fax (979)458-2155
<http://agbioenergy.tamu.edu>

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: request for the composition summary
Date: Monday, November 24, 2008 8:30:00 AM

yes. thanks,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Monday, November 24, 2008 8:18 AM
To: Bill Rooney
Subject: RE: request for the composition summary

Hi Bill,

Did Bonnie send you what you needed?

W

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Friday, November 21, 2008 12:20 PM
To: Bonnie Hames
Cc: Walter Nelson
Subject: request for the composition summary

Bonnie:

I was wondering if you could send that summary slide (composition analysis) that you presented to us in the last quarterly meeting in August.

I am preparing a preproposal to the CPBR (Walter can fill you in on details) and I am reworking some of the parts of the proposal on composition that we originally submitted last fall. I would like to use that table to simply document that we have variation for these composition traits in sorghum.

Sure appreciate it if you can send it.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University

College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#)
Subject: RE: request for the composition summary
Date: Monday, November 24, 2008 8:35:00 AM

Thanks for that information - it certainly helps.

The only other piece of information is the range of observed around the mean for each compound (specifically Lignin, Cellulose, and Hemicellulose). I want to document that there is variation, likely genetic, that we can access to make further improvements.

If you have that, great. If not, don't worry about it, it is not worth spending a lot of time to track down.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Bonnie Hames [mailto:bhames@ceres-inc.com]
Sent: Sunday, November 23, 2008 9:28 PM
To: Bill Rooney
Subject: RE: request for the composition summary

Bill,

Here are the slides that you requested. I have included two slides, one that shows whole biomass composition (includes extractives) and one that shows the cell wall compositions. Let me know if you have any questions.

Bonnie

Bonnie R. Hames, Ph.D.
Senior Manager of Chemistry
Ceres, Inc.
1535 Rancho Conejo Blvd
Thousand Oaks, CA 91320
phone: 1-805-376-6504 x1144
email: bhames@ceres-inc.com

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Friday, November 21, 2008 12:20 PM
To: Bonnie Hames
Cc: Walter Nelson
Subject: request for the composition summary

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Sure appreciate it if you can send it.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Revised tour agenda for Aug 21 sorghum field trip
Date: Monday, August 18, 2008 8:13:00 PM

Walter:

We'll talk about that tomorrow. It is a near certainty that it will be too wet. We've had rain today, expect more tomorrow and Wednesday.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Monday, August 18, 2008 3:48 PM
To: Bridges, Brenda; Bill Rooney
Cc: Shay Simpson
Subject: RE: Revised tour agenda for Aug 21 sorghum field trip

Hi Brenda,

Thanks for the update. Just out of curiosity, has there been any discussion about if/how the plans will change if it is raining or the field is very wet?

Thanks,

Walter

From: Bridges, Brenda [mailto:bridges@tamu.edu]
Sent: Monday, August 18, 2008 11:15 AM
To: Bill Rooney; Walter Nelson; Steve Searcy; Juerg M Blumenthal; Juerg Blumenthal; John Mullet; Patricia Klein; Kenneth Hall
Cc: Avant, Bob; Shay Simpson; Adam Helms; Nelson, Michelle
Subject: Revised tour agenda for Aug 21 sorghum field trip

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Ken, the tour may get to the pilot plant a bit early, possibly as early as 2:00 p.m., so please be prepared for them, should that occur.

If anyone has any questions, please call me on my cell

Brenda Bridges
Program Associate, Bioenergy Program
Texas AgriLife Research
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(979)862-7136
Fax (979)458-2155
<http://agbioenergy.tamu.edu>

From: [Bill Rooney](#)
To: ["Tanya Kruse"](#)
Subject: RE: sample info
Date: Thursday, February 07, 2008 2:32:00 PM

Tanya:

Please accept my apologies for the slow response, I've been delinquent in responding because I wanted to have some things finished before I did respond.

First, we did get a bid from Foss, but I have to go through the "official" bidding process. this process is underway, but I have little to no control on the speed at which those people work. I will be continually hounding them, and hopefully it will be finished quickly, but remember we are a state agency and nothing ever happens here at the speed that I think it should (unless you do it yourself and ask for forgiveness after the fact - I tried that (see Foss bid) and it didn't work either).

Grinding is moving along quite well. We can grind about 10-12 samples/hour. As of now, we have ground approximately 250 samples and we have another 350 to go. The main limitation right now is people; we are busy preparing for planting in South Texas, pollinating in Puerto Rico and working around class schedules. We will have a couple of relatively free weeks and if we are not excessively interrupted to pull seed for planting or equipment problems we will likely be finished by the end of the month. I need to compile the list; it is a collection of widely disparate entries. I hope to get that done in the next two weeks. Once done, I can pull the first set of genetic variable material and prep it to send to CA. I think you are right about not waiting for the Foss here. We'll get it but we shouldn't wait for it if you folks are up and running. So, I expect we can send material early March or possibly late February.

As for the visiting scientist request, they are being routed for administrative approval and they are at the dean's office (last one). Hopefully, we'll get final approval next week and we can extend a formal invitation. I would very much like to have them here when we start using the NIR so as we get a firm timeline on that event, then we can schedule who and when.

That's the update - if you have additional questions, please give me a call.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Tanya Kruse [mailto:tkruse@ceres-inc.com]
Sent: Thursday, February 07, 2008 10:02 AM
To: Bill Rooney
Subject: RE: sample info

One more thing: have you been able to put in your FOSS order yet? Bonnie told me that our FOSS should be ready for shipment this week, so whenever you get the order in, we'll give you our slot, and it can be shipped right away.

Tanya

-----Original Message-----

From: Tanya Kruse

Sent: Monday, February 04, 2008 7:45 AM

To: Bill Rooney

Subject: sample info

Casey's SSN info was sent last week, so all should be well with that.

On another topic, my director Steve Thomas was interested in getting some info on your 2006 and 2007 harvests. We were wondering if there was a variety list available, if there was a lot of overlap between the 2006 and 2007 plants, and if they have been prioritized to have the most genetically diverse samples milled first? As it may take some time to get you a FOSS, we thought it might not be a bad idea if you made some diverse selections, milled them, and then shipped them here. That way, we could run them on our FOSS and start making some selections for full wet chemistry/conversion. Just a thought. We are just trying to think of ways to get some samples going through our processes faster, so we can get models built and provide you with the best information possible for the next breeding cycle.

Tanya

From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Subject: RE: Scans from Rep-1
Date: Thursday, December 04, 2008 8:29:00 PM

Edgar:

those were the R07 parents. I'll have to find the file when I return to College Station.

It maybe in California when I have the information.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]
Sent: Tuesday, December 02, 2008 1:45 PM
To: Bill Rooney
Subject: RE: Scans from Rep-1

Hi Bill,

The very first range in the field test I believe had some of the parents that you may have placed.
Would it be possible to know what was in there.

Thanks
Edgar

Edgar Haro PhD.
Senior Manager Sorghum Research
Ceres Inc.
(979) 324-8046

From: Dighe, Niles Deoram [mailto:nilesdighe@neo.tamu.edu]
Sent: Tue 12/2/2008 7:47 AM
To: Bonnie Hames
Cc: Bill Rooney; Edgar Haro
Subject: Re: Scans from Rep-1

Bonnie,

Both 1047 and 1028 labels are the CERES plot numbers and not the standards. This explains why these two samples are different from other standards (Check-2).

Nilesh

----- Original Message -----

From: "Bonnie Hames" <bhames@ceres-inc.com>

To: "Nilesh Deoram Dighe" <nileshdighe@neo.tamu.edu>

Cc: "Bill Rooney" <wlr@tamu.edu>, "Edgar Haro" <eharo@ceres-inc.com>

Sent: Monday, December 1, 2008 6:58:21 PM GMT -06:00 US/Canada Central

Subject: RE: Scans from Rep-1

Nilesh,

I'm having more difficulty analyzing the sorghum data than I expected. One of the questions that I have concerns the check standards that you have been running. Two of the standards seem to be behaving very differently. Could you take a look at the attached file and see if you can explain these differences. I expect that the spectra labeled 1028 and 1047 in the sample ID string column are in fact different samples.

Thanks,
Bonnie

Bonnie R. Hames, Ph.D.
Senior Manager of Chemistry
Ceres, Inc.
1535 Rancho Conejo Blvd
Thousand Oaks, CA 91320
phone: 1-805-376-6504 x1144
email: bhames@ceres-inc.com

-----Original Message-----

From: Dighe, Nilesh Deoram [<mailto:nileshdighe@neo.tamu.edu>]

Sent: Saturday, November 29, 2008 5:33 AM

To: Bonnie Hames

Cc: Bill Rooney

Subject: Scans from Rep-1

Bonnie,

We finished scanning your Rep-1 samples from the College Station trial. The spectral data file is attached. The spectral file should have TAMU assigned sample codes (eg. 08CMP-0070) and their corresponding plot # (eg. CERE-1001). In case you have any questions regarding the codes and their corresponding plot #, you can refer to the attached excel file.

Nilesh

----- Original Message -----

From: "Nilesh Deoram Dighe" <nileshdighe@neo.tamu.edu>

To: "Bonnie Hames" <bhames@ceres-inc.com>

Sent: Tuesday, November 18, 2008 4:59:11 PM GMT -06:00 Guadalajara / Mexico City / Monterrey

Subject: Re: Scheduling a visit for NIR coordination

Bonnie,

The attached file includes spectra for the standard cell that you gave me (Standard- D). Please let me know if we should continue scanning the standard that we have or not.

Regards,
Nilesh

----- Original Message -----

From: "Bonnie Hames" <bhames@ceres-inc.com>
To: "Nilesh Deoram Dighe" <nileshdighe@neo.tamu.edu>
Sent: Thursday, November 13, 2008 7:40:07 PM GMT -08:00 US/Canada Pacific
Subject: RE: Scheduling a visit for NIR coordination

Hi Nilesh,

Can you send me a quick update on the shipment of our samples?

We're getting nervous about meeting our deadline to have them milled and scanned by thanksgiving. We are willing to take whatever you have ready so that we can get started. The remainder can follow later.

Thanks,
Bonnie

Bonnie R. Hames, Ph.D.
Senior Manager of Chemistry
Ceres, Inc.
1535 Rancho Conejo Blvd
Thousand Oaks, CA 91320
phone: 1-805-376-6504 x1144
email: bhames@ceres-inc.com

-----Original Message-----

From: Dighe, Nilesh Deoram [<mailto:nileshdighe@neo.tamu.edu>]
Sent: Monday, November 10, 2008 3:22 PM
To: Bonnie Hames
Cc: Bill Rooney
Subject: Re: Scheduling a visit for NIR coordination

Hi Bonnie,

Since we have to split the samples from rep-1 in cases where that particular hybrid was not harvested in rep-2, we could not finish them today. We are hoping to finish packing them tomorrow. I am hoping to send you samples from rep-1 on Wednesday.

Did you receive your WINISI software disc that I mailed you?

Regards,
Nilesh

----- Original Message -----

From: "Bonnie Hames" <bhames@ceres-inc.com>
To: "Nilesh Deoram Dighe" <nileshdighe@neo.tamu.edu>

Cc: "Bill Rooney" <wlr@tamu.edu>

Sent: Monday, November 10, 2008 11:37:26 AM GMT -08:00 US/Canada Pacific

Subject: RE: Scheduling a visit for NIR coordination

Bill and Nilesch,

I'm hoping that the harvest of Edgar's field trials continued as planned and that the samples are now dry and ready for shipment. Please send me tracking numbers when you ship so that I can schedule the workers here

My notes say that you will be sending us one of the two reps for milling and scanning here. You will keep the second rep for milling and scanning there. Hopefully, we can each process 250 samples before Thanksgiving and pool our data so that Edgar can use the information for informed crosses.

I hope to have the updated Starch model ready by the end of the week. I'll send you the data on the scans that I have at that time.

Thanks,

Bonnie

Bonnie R. Hames, Ph.D.
Senior Manager of Chemistry
Ceres, Inc.
1535 Rancho Conejo Blvd
Thousand Oaks, CA 91320
phone: 1-805-376-6504 x1144
email: bhames@ceres-inc.com

-----Original Message-----

From: Dighe, Nilesch Deoram [<mailto:nileschdighe@neo.tamu.edu>]

Sent: Tuesday, October 28, 2008 8:20 PM

To: Bonnie Hames

Cc: Bill Rooney

Subject: Re: Scheduling a visit for NIR coordination

Bonnie,

Thanks for letting us know your schedule. I will be in the lab on Nov 4-5 and looking forward to meet you and accomplish all the tasks on your agenda.

You can send NIR standards on the following address:

Dr. Bill Rooney,
Department of Soil and Crop Sciences,
Texas A&M University,
College Station,
Texas 77843-2474

Regards,
Nilesch

----- Original Message -----

From: "Bonnie Hames" <bhames@ceres-inc.com>

To: "Bill Rooney" <wlr@tamu.edu>

Cc: "Nilesh Deoram Dighe" <nileshdighe@neo.tamu.edu>

Sent: Monday, October 27, 2008 12:00:02 PM GMT -06:00 US/Canada Central

Subject: RE: Scheduling a visit for NIR coordination

Bill and Nilesh,

I just wanted to touch base with you regarding plans for my visit next week. I'll be flying into Austin late on Monday, November 3rd and driving in to college Station on the morning of the 4th. I need to leave about noon on Wednesday, Nov 5th to catch a late evening flight back to LAX.

I'm confident that we can accomplish the instrument-to instrument standardization in one afternoon. I'll have my laptop ready to analyze any samples that you've scanned so far. I would love to be able to spend Wednesday AM viewing the field trials at TAMU or driving out to the Ceres CS facility.

I plan to mail some NIR standards for us to use (rather than put them in my carry-on bag). Can you send me a shipping address?

I know that you're busy right now harvesting samples, so I'm hoping that this schedule will still work for you.

Thanks,

Bonnie

Bonnie R. Hames, Ph.D.

Senior Manager of Chemistry

Ceres, Inc.

1535 Rancho Conejo Blvd

Thousand Oaks, CA 91320

phone: 1-805-376-6504 x1144

email: bhames@ceres-inc.com

-----Original Message-----

From: Bill Rooney [<mailto:wlr@tamu.edu>]

Sent: Thursday, October 02, 2008 5:42 AM

To: Bonnie Hames

Cc: 'Dighe, Nileshe Deoram'

Subject: RE: Scheduling a visit for NIR coordination

Bonnie

Nov 4-6 will work fine with us here in College Station.

We'll put you on the calendar.

regards,

bill

Dr. William L. Rooney

Professor, Sorghum Breeding and Genetics

Chair, Plant Release Committee

Texas A&M University

College Station, Texas 77843-2474

979 845 2151

-----Original Message-----

From: Bonnie Hames [<mailto:bhames@ceres-inc.com>]

Sent: Wednesday, October 01, 2008 6:57 PM

To: Bill Rooney

Subject: RE: Scheduling a visit for NIR coordination

Bill,

That week is particularly bad for me. How about November 4-6?

Bonnie

Bonnie R. Hames, Ph.D.

Senior Manager of Chemistry

Ceres, Inc.

1535 Rancho Conejo Blvd

Thousand Oaks, CA 91320

phone: 1-805-376-6504 x1144

email: bhames@ceres-inc.com

-----Original Message-----

From: Bill Rooney [<mailto:wlr@tamu.edu>]

Sent: Wednesday, October 01, 2008 2:29 PM

To: Bonnie Hames

Subject: RE: Scheduling a visit for NIR coordination

Bonnie:

The proposed dates will not work for us. Both Niles and I will be out at that time.

We will both be in College Station during the week of October 27 - anytime during that week can be used.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Bonnie Hames [<mailto:bhames@ceres-inc.com>]

Sent: Wednesday, October 01, 2008 11:08 AM

To: Bill Rooney

Subject: Scheduling a visit for NIR coordination

Hi Bill,

I wanted to schedule my visit to Texas before my October calendar fills up completely. The best time for me would be October 16th - 17th. Will this time work in your schedule? If not, please suggest a time that works best for you. We'll need at least one half day block. I'm happy to give a short seminar to the group while I'm there to present our recent results.

Bonnie

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Thousand Oaks, CA 91320

phone: 1-805-376-6504 x1144

email: bhames@ceres-inc.com

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Schedule this week
Date: Monday, May 05, 2008 2:02:00 PM

Walter:

It's raining today and my schedule has been rearranged. As of right now, I'll be in College Station until 3:00 pm tomorrow afternoon. I will be leaving for Corpus Christi/Weslaco after that and I will be back in College Station on Friday. I have time for a conference call this afternoon and tomorrow between 10 and 2, or 4-7 (but I'll be in a car with spotty reception). On Friday I'm available after 2 pm.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Monday, May 05, 2008 7:51 AM
To: Bill Rooney
Subject: Schedule this week

Hi Bill,

Hope you had a good weekend. Could you remind me again what your schedule looks like this week? I seem to remember you said you'd be here a few days this week but would be gone next. Maybe I misunderstood.

I needed to coordinate a bit with you on the following:

- Setting up a call with Clint to discuss bloom data
- Getting hybrid seed for the 6 sweet sorghums in the program for testing this summer
- Discuss an A/B increase by both you and Edgar this summer for those same 6 sweet sorghum lines in the program for Winter increase as well as hybrid production in 08/09. I'd like to get to 5-10 lbs of both A and B for each of the 6 to hand off to Clint for isolation blocks and additional hybrid production (for testing mostly in 2009) in Mexico this winter,

Let me know if there is a good time to arrange a call.

Thanks!

Walter

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Thursday, May 01, 2008 1:57 PM
To: Walter Nelson

Subject: RE: slide decks from quarterly

Walter:

Here it is. Have fun with it.

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]

Sent: Thursday, May 01, 2008 3:35 PM

To: Bill Rooney; jmullet@tamu.edu

Subject: slide decks from quarterly

Bill and John,

Could you send me the slide decks you showed us at the quarterly meeting last week? I've had a few inquiries on this end, particularly for the marker discussion slides. Pdfs are fine.

Thanks!

Walter

P.S. Bill, I promise to be sensitive about the yield data, esp. with Dr. McCutchin....

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#)
Subject: RE: Scheduling a visit for NIR coordination
Date: Wednesday, October 01, 2008 4:28:00 PM

Bonnie:

The proposed dates will not work for us. Both Niles and I will be out at that time.

We will both be in College Station during the week of October 27 - anytime during that week can be used.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

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Sent: Wednesday, October 01, 2008 11:08 AM
To: Bill Rooney
Subject: Scheduling a visit for NIR coordination

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Bonnie

Bonnie R. Hames, Ph.D.
Senior Manager of Chemistry
Ceres, Inc.
1535 Rancho Conejo Blvd
Thousand Oaks, CA 91320
phone: 1-805-376-6504 x1144
email: bhames@ceres-inc.com

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#)
Cc: ["Dighe, Nilesh Deoram"](#)
Subject: RE: Scheduling a visit for NIR coordination
Date: Thursday, October 02, 2008 7:41:00 AM

Bonnie

Nov 4-6 will work fine with us here in College Station.

We'll put you on the calendar.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Bonnie Hames [mailto:bhames@ceres-inc.com]
Sent: Wednesday, October 01, 2008 6:57 PM
To: Bill Rooney
Subject: RE: Scheduling a visit for NIR coordination

Bill,

That week is particularly bad for me. How about November 4-6?

Bonnie

Bonnie R. Hames, Ph.D.
Senior Manager of Chemistry
Ceres, Inc.
1535 Rancho Conejo Blvd
Thousand Oaks, CA 91320
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-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Wednesday, October 01, 2008 2:29 PM
To: Bonnie Hames
Subject: RE: Scheduling a visit for NIR coordination

Bonnie:

The proposed dates will not work for us. Both Nilesh and I will be out at that time.

We will both be in College Station during the week of October 27 - anytime during that week can be used.

bill

Dr. William L. Rooney
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College Station, Texas 77843-2474
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1535 Rancho Conejo Blvd
Thousand Oaks, CA 91320
phone: 1-805-376-6504 x1144
email: bhames@ceres-inc.com

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#)
Cc: ["Simpson, Shay"](#)
Subject: RE: Scheduling a visit for NIR coordination
Date: Tuesday, October 28, 2008 6:11:00 AM

Bonnie:

We're good with the schedule - both Nilesch and I will be in College Station on those dates. We'll see you on Tuesday afternoon.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Bonnie Hames [mailto:bhames@ceres-inc.com]
Sent: Monday, October 27, 2008 12:00 PM
To: Bill Rooney
Cc: Dighe, Nilesch Deoram
Subject: RE: Scheduling a visit for NIR coordination

Bill and Nilesch,

I just wanted to touch base with you regarding plans for my visit next week. I'll be flying into Austin late on Monday, November 3rd and driving in to college Station on the morning of the 4th. I need to leave about noon on Wednesday, Nov 5th to catch a late evening flight back to LAX.

I'm confident that we can accomplish the instrument-to instrument standardization in one afternoon. I'll have my laptop ready to analyze any samples that you've scanned so far. I would love to be able to spend Wednesday AM viewing the field trials at TAMU or driving out to the Ceres CS facility.

I plan to mail some NIR standards for us to use (rather than put them in my carry-on bag). Can you send me a shipping address?

I know that you're busy right now harvesting samples, so I'm hoping that this schedule will still work for you.

Thanks,

Bonnie

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-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Thursday, October 02, 2008 5:42 AM
To: Bonnie Hames
Cc: 'Dighe, Nileshe Deoram'
Subject: RE: Scheduling a visit for NIR coordination

Bonnie

Nov 4-6 will work fine with us here in College Station.

We'll put you on the calendar.

regards,

bill

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To: Bill Rooney
Subject: RE: Scheduling a visit for NIR coordination

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That week is particularly bad for me. How about November 4-6?

Bonnie

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Ceres, Inc.
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Thousand Oaks, CA 91320
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To: Bonnie Hames
Subject: RE: Scheduling a visit for NIR coordination

Bonnie:

The proposed dates will not work for us. Both Nilesh and I will be out at that time.

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Thousand Oaks, CA 91320
phone: 1-805-376-6504 x1144
email: bhames@ceres-inc.com

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#)
Subject: RE: Scheduling a visit for NIR coordination
Date: Tuesday, October 28, 2008 11:26:00 AM

Bonnie:

Bill Rooney
2474 TAMU
College Station Texas 77843-2474

That'll send it to the main office.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Bonnie Hames [mailto:bhames@ceres-inc.com]
Sent: Tuesday, October 28, 2008 10:03 AM
To: Bill Rooney
Subject: RE: Scheduling a visit for NIR coordination

Bill,

Can you send me a shipping address for the NIR standards?

Thanks,

Bonnie

Bonnie R. Hames, Ph.D.
Senior Manager of Chemistry
Ceres, Inc.
1535 Rancho Conejo Blvd
Thousand Oaks, CA 91320
phone: 1-805-376-6504 x1144
email: bhames@ceres-inc.com

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Tuesday, October 28, 2008 4:12 AM
To: Bonnie Hames
Cc: 'Simpson, Shay'

Subject: RE: Scheduling a visit for NIR coordination

Bonnie:

We're good with the schedule - both Nilesch and I will be in College Station on those dates. We'll see you on Tuesday afternoon.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Bonnie Hames [mailto:bhames@ceres-inc.com]

Sent: Monday, October 27, 2008 12:00 PM

To: Bill Rooney

Cc: Dighe, Nilesch Deoram

Subject: RE: Scheduling a visit for NIR coordination

Bill and Nilesch,

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-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Thursday, October 02, 2008 5:42 AM
To: Bonnie Hames
Cc: 'Dighe, Nilesh Deoram'
Subject: RE: Scheduling a visit for NIR coordination

Bonnie

Nov 4-6 will work fine with us here in College Station.

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To: Bill Rooney
Subject: RE: Scheduling a visit for NIR coordination

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-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Wednesday, October 01, 2008 2:29 PM
To: Bonnie Hames
Subject: RE: Scheduling a visit for NIR coordination

Bonnie:

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College Station, Texas 77843-2474
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To: Bill Rooney

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phone: 1-805-376-6504 x1144
email: bhames@ceres-inc.com

From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Subject: RE: Seed
Date: Wednesday, May 28, 2008 12:55:00 PM

Edgar:

I didn't have seed production of any of these three in Weslaco this past fall, so my quantities are limited until I finish production this summer.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]
Sent: Friday, May 16, 2008 3:30 PM
To: Edgar Haro; Bill Rooney
Cc: Walter Nelson
Subject: RE: Seed

Bill Karen,

Three other missing entries that didn't have enough production seed from PV.

Sorry I am preparing as I go, but think it is the last request.

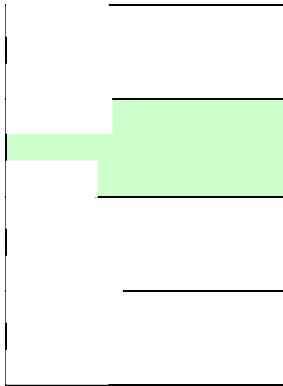
Thanks,
Edgar

From: Edgar Haro
Sent: Fri 5/16/2008 6:29 AM
To: 'Bill Rooney'
Subject: Seed

Hi Bill,

I have a list of the inbred lines that were missing either the male or the A line in PV.
Would it be possible to have just enough seed to plant two rows of each.
I have a note during your visit on getting some seed of the BMR inbred lines.
We planted the YT's last Tuesday, just before the rains. I am preparing the nurseries to plant as soon as the weather and soil permits.

Thanks!
Edgar



From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Subject: RE: Seed
Date: Wednesday, May 28, 2008 12:56:00 PM

Edgar:

How much do you need?

- I have plenty - how much do you need?

There is no - there is
There is no - just the above.

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]
Sent: Friday, May 16, 2008 9:54 AM
To: Edgar Haro; Bill Rooney
Subject: RE: Seed

Bill,

Other inbred lines we would like to have if possible:

Thanks,
Edgar

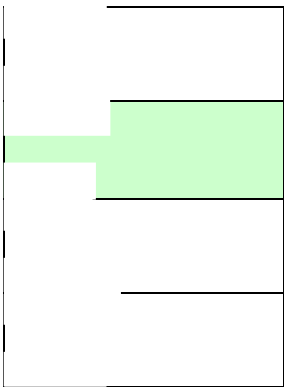
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To: 'Bill Rooney'
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I have a note during your visit on getting some seed of the BMR inbred lines.
We planted the YT's last Tuesday, just before the rains. I am preparing the nurseries to plant as soon as the weather and soil permits.

Thanks!

Edgar



From: [Bill Rooney](#)
To: ["Spencer Swayze"](#); ["Avant, Bob"](#)
Cc: ["Walter Nelson"](#); ["Bud Wylie"](#)
Subject: RE: Signs
Date: Monday, August 11, 2008 5:39:00 PM

Spencer - I've got the signs and I need insight into where they should go - ie, there are numbers that mean nothing to me.....

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Monday, August 11, 2008 9:59 AM
To: Bill Rooney; Avant, Bob
Cc: Walter Nelson; Bud Wylie
Subject: Signs

Bill/Bob,

I just wanted to touch base to confirm that you received the Blade signs for the USDA tour. Please let me know if you would like to discuss this. In addition, Bud Wylie has offered to help out in College Station if you need it. I look forward to seeing you both soon.

Best regards,

Spencer P. Swayze
Manager of Business Development
Ceres, Inc. "*The Energy Crop Company*"TM
sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Skyscraper seed
Date: Saturday, December 27, 2008 12:59:00 PM

Walter:

If you can just send a couple of bags of the hybrids you will be selling and any experimentals you would like in the regional tests, I'll put them in the cold room and I can distribute seed to John once we have it.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Tuesday, December 23, 2008 12:53 PM
To: John Mullet; Walter Nelson
Cc: Bill Rooney
Subject: RE: Skyscraper seed

Hi John,

No problem at all. I was actually planning on providing Bill with a couple of bags of each of the two varieties for any/all the high biomass sorghum experiments where people ask for seed. The seed has been harvested and is being cleaned. When would you like it by?

Walter

Walter E Nelson
Ceres, Inc.
mobile: (805)410-0503

sent from treo

-----Original Message-----

From: John Mullet <jmullet@tamu.edu>
Sent: Thursday, December 18, 2008 5:56 AM
To: Walter Nelson <wnelson@ceres-inc.com>
Cc: Bill Rooney <wlr@tamu.edu>
Subject: Skyscraper seed

Hi Walter,

Could you send me some seed for the Skyscraper hybrid? I would like

include this material in our photoperiod sensitivity screens and as a check in other studies we are doing. I know you may have limited amounts of seed, but even 100 seed would get us started. Send to Bill if that is more convenient.

Thanks,

John

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#)
Subject: RE: Slides
Date: Monday, July 28, 2008 10:57:00 PM

Spencer:

I'm actually in the Imperial Valley CA through Wednesday morning. I'll be back in CS on Wednesday pm and can follow up with you on the slides.

On signs, I need to know what you want to do with the signs, ie, will they be in front of Ceres licensed material?

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Monday, July 28, 2008 8:59 AM
To: wlr@tamu.edu
Cc: Avant, Bob; Gary Koppenjan
Subject: Slides

Bill,

I hope this message finds you well. I just wanted to follow-up with you to see if you would be available on Tuesday for a quick discussion regarding the slides we sent. Please let me know. Also, if we were to provide signs, how many would you need? I look forward to speaking with you soon.

Best regards,

Spencer P. Swayze
Manager of Business Development
Ceres, Inc. "*The Energy Crop Company*"TM
sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#)
Subject: RE: Slides
Date: Wednesday, July 30, 2008 9:58:00 AM

Spencer: How about Friday afternoon? I should be in the office most of the afternoon.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Tuesday, July 29, 2008 9:14 AM
To: Bill Rooney
Subject: RE: Slides

Thanks Bill.

Wednesday afternoon may work for me, but Thursday or Friday may be a little better. For the signs, I think we want to have them in front of material at the tour stop (not sure where the tour will be stopping). We can discuss that when we discuss the slides. I look forward to catching up with you soon.

Best regards,

Spencer P. Swayze
Manager of Business Development
Ceres, Inc. "*The Energy Crop Company*"TM
sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Monday, July 28, 2008 9:05 PM
To: Spencer Swayze
Subject: RE: Slides

Spencer:

I'm actually in the Imperial Valley CA through Wednesday morning. I'll be back in CS on Wednesday pm and can follow up with you on the slides.

On signs, I need to know what you want to do with the signs, ie, will they be in front of Ceres licensed material?

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]

Sent: Monday, July 28, 2008 8:59 AM

To: wlr@tamu.edu

Cc: Avant, Bob; Gary Koppenjan

Subject: Slides

Bill,

I hope this message finds you well. I just wanted to follow-up with you to see if you would be available on Tuesday for a quick discussion regarding the slides we sent. Please let me know. Also, if we were to provide signs, how many would you need? I look forward to speaking with you soon.

Best regards,

Spencer P. Swayze
Manager of Business Development
Ceres, Inc. "*The Energy Crop Company*"TM
sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#)
Subject: RE: Slides
Date: Thursday, July 31, 2008 11:16:00 AM

That's fine - we'll talk then.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Thursday, July 31, 2008 12:42 AM
To: Bill Rooney
Subject: RE: Slides

Hi Bill - How about 4PM CDT on Friday? Let me know. Also, are you guys getting ready for the football season down there? I am doing my best to not drink the "Orange Kool-Aid." Looking forward to speaking with you soon.

Best regards,

Spencer P. Swayze
Manager of Business Development
Ceres, Inc. "*The Energy Crop Company*"TM
sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Wednesday, July 30, 2008 11:42 AM
To: Spencer Swayze
Subject: RE: Slides

Spencer: How about Friday afternoon? I should be in the office most of the afternoon.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474

979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Tuesday, July 29, 2008 9:14 AM
To: Bill Rooney
Subject: RE: Slides

Thanks Bill.

Wednesday afternoon may work for me, but Thursday or Friday may be a little better. For the signs, I think we want to have them in front of material at the tour stop (not sure where the tour will be stopping). We can discuss that when we discuss the slides. I look forward to catching up with you soon.

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Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Monday, July 28, 2008 9:05 PM
To: Spencer Swayze
Subject: RE: Slides

Spencer:

I'm actually in the Imperial Valley CA through Wednesday morning. I'll be back in CS on Wednesday pm and can follow up with you on the slides.

On signs, I need to know what you want to do with the signs, ie, will they be in front of Ceres licensed material?

regards,

bill

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Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Monday, July 28, 2008 8:59 AM
To: wlr@tamu.edu
Cc: Avant, Bob; Gary Koppenjan

Subject: Slides

Bill,

I hope this message finds you well. I just wanted to follow-up with you to see if you would be available on Tuesday for a quick discussion regarding the slides we sent. Please let me know. Also, if we were to provide signs, how many would you need? I look forward to speaking with you soon.

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Manager of Business Development
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sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

From: [Bill Rooney](#)
To: ["Casey Mezera"](#)
Subject: RE: Social Security Number
Date: Monday, January 28, 2008 5:55:00 PM

Casey:

I didn't see and Karen hadn't either. Or e-mail is working really SLOOOOW, so why not call us and get it here directly. See number below.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Casey Mezera [mailto:cmezera@ceres-inc.com]
Sent: Monday, January 28, 2008 10:22 AM
To: Bill Rooney
Subject: Social Security Number

Hi Bill,

I just wanted to verify that you've received my SS number. Hope things are going well.

Casey Mezera
Ceres, Inc.

From: [Bill Rooney](#)
To: ["Casey Mezera"](#)
Subject: RE: Social Security Number
Date: Monday, January 28, 2008 5:55:00 PM

Casey:

I didn't see and Karen hadn't either. Or e-mail is working really SLOOOOW, so why not call us and get it here directly. See number below.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Casey Mezera [mailto:cmezera@ceres-inc.com]
Sent: Monday, January 28, 2008 10:22 AM
To: Bill Rooney
Subject: Social Security Number

Hi Bill,

I just wanted to verify that you've received my SS number. Hope things are going well.

Casey Mezera
Ceres, Inc.

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Sorghum grower guide
Date: Friday, October 10, 2008 7:14:00 AM
Attachments: [SorghumGrower_guide_v03_wlr.doc](#)

Walter:

I took a quick look at this grower guide rough draft.

After reading it, I've added some general comments, but my comments can be much more focused and detailed IF I know some details about the purpose of this document.

Who is the target audience for this Document? (ie, is this document to be informative, or a specific production guide?)

What is the purpose of the Document? (ie, teach growers, inform energy plants, etc?)

What types of sorghum are addressed in this Document? (ie, biomass and sweet, photoperiod and insensitive, forage and bioenergy?)

How detailed should this document be? (as it is written it ranges widely depending on the section that is presented).

I ask because the editing, importance and detail of the answers is based on how Ceres is going to use the document.

Finally, transitioning some of the information that is available for grain sorghum is critical and people need to know and UNDERSTAND that growing sorghum for bioenergy has specific and different production issue as compared to grain.

We'll probably need to discuss this so I can get a better feel for where ya'll want go with this. Once done, I think I can be more productive in helping you develop the document.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Monday, October 06, 2008 10:15 AM
To: Juerg M Blumenthal; Bill Rooney
Subject: Sorghum grower guide

Hi Juerg and Bill,

Hope you guys had a good weekend. As always, mine just did not seem long enough....

One of the things I have been working on the past couple of weeks is a grower guide for growing sorghum for biomass (non-sweet). I was wondering if you could take a look at it and give me some suggestions on various areas. Feel free to comment or write prose directly. I would also be happy to read any articles you might have about the subject.

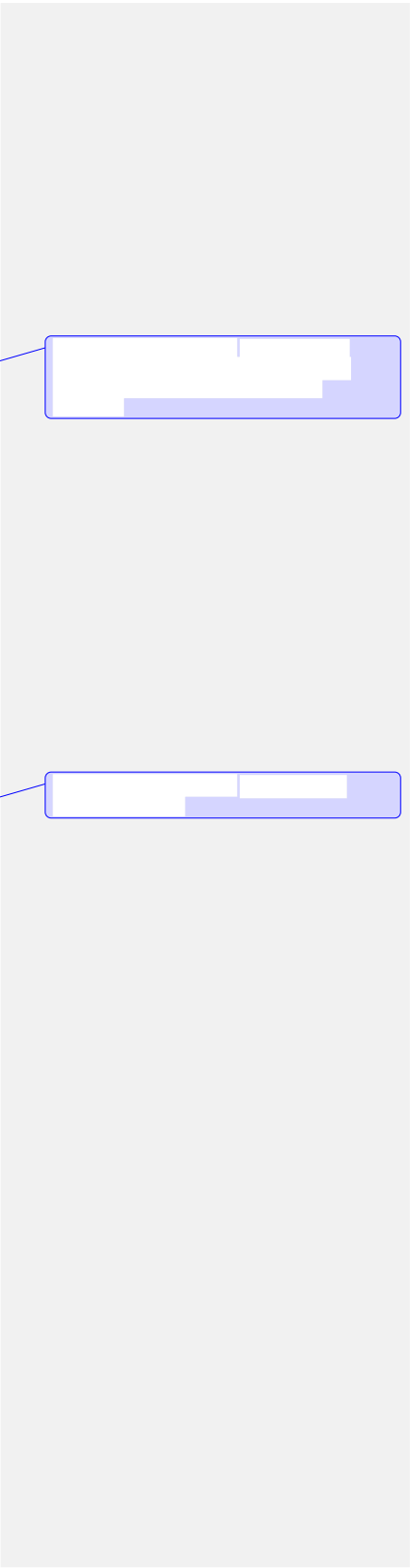
As you would see, this draft is still pretty rough and has a ways to go before being ready. Our view is that this will be an iterative process and that newer versions of this will come along quickly as we learn more. We just wanted to have something available with current information around the same time we start offering seed to sell.

Any help you can provide will be greatly appreciated.

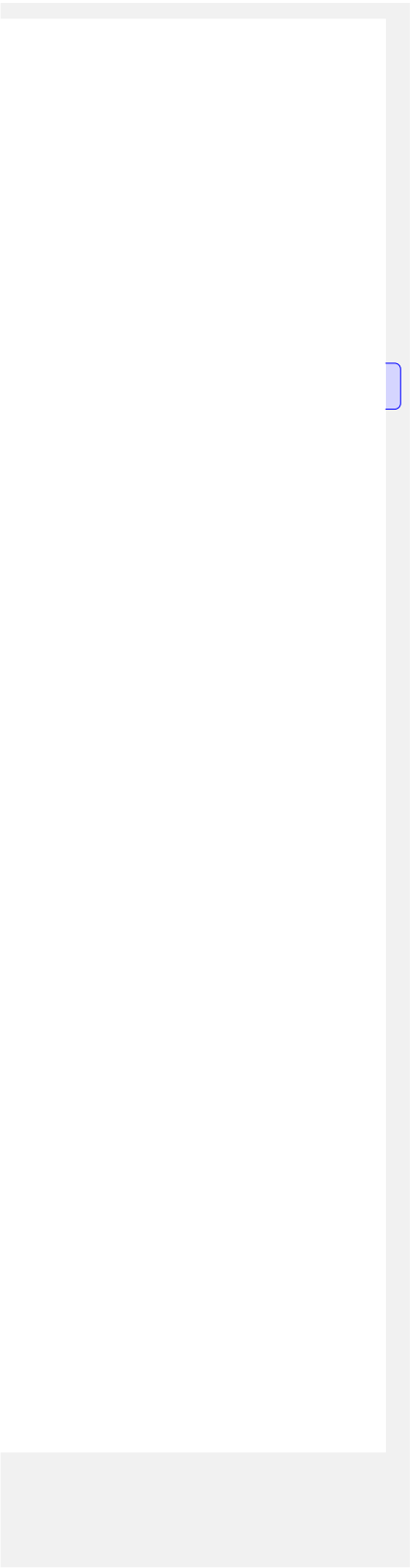
Thanks!

Walter

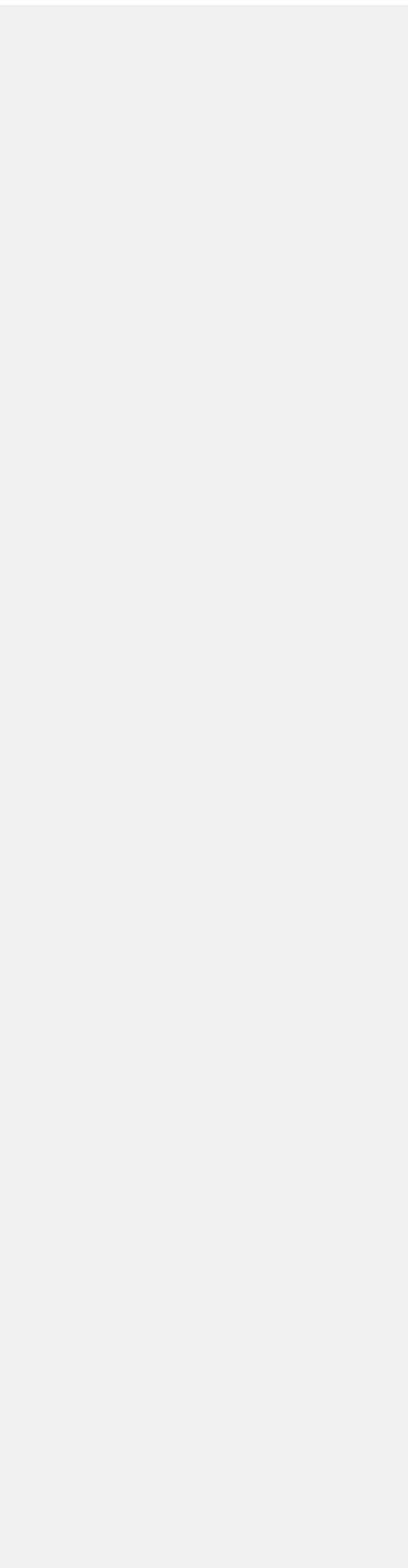
Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net







—



From: [Bill Rooney](#)
To: ["Bonnie Hames"](#)
Cc: ["Walter Nelson"](#)
Subject: RE: Sorghum samples for compositional analysis
Date: Wednesday, March 26, 2008 9:14:00 AM

Bonnie

I am trying to finish up a "core" set of samples, which will be approximately 130 different materials for NRI screening and for the development of NIR curves. They are, for the most part all ground and will be ready to go in the next few weeks. Honestly, we are being delayed by planting and winter nursery activities or it would be done sooner.

I hope to have the list together late next week but it may slip into the week after as I am now in Mexico with Edgar and Walter and will be in Puerto Rico next week to harvest my own winter nursery.

Anyway, it is coming and we should be ready to go by the end of april.

With regard to the NIR equipment, I checked with purchasing and they indicated that bids were in and they would send me a summary on tomorrow. I hope to be able to order by the first of next week.

Have you already taken shipment on your second machine, ie, are you still interested in switching spaces in line?

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Monday, March 24, 2008 3:12 AM
To: Bill Rooney; Bonnie Hames
Subject: Sorghum samples for compositional analysis

Bill and Bonnie,

Good morning. I hope you both had a great weekend/holiday.

I think I have spoken to both of you about the sorghum samples for developing the compositional model and their availability. It was my understanding that they are just about ready at TAMU and we (Ceres) are ready to receive them when they are. Do we need to schedule a call to coordinate their shipment to Thousand Oaks and subsequent analysis, or is that moving forward already?

Thanks!

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#)
Subject: RE: Sorghum samples for compositional analysis
Date: Tuesday, April 08, 2008 6:07:00 AM

Bonnie:

I expect that we will have a full set of ground and ready to analyze samples shipped early next week. We are drying some silage samples that should provide some unique spectra as well, once those are ready the whole set (~ 130 will be shipped). Please remind me of the amount of ground tissue (per sample) that you want.

As for the NIR, I know that bids were opened here at TAMU over two weeks ago, but I've been traveling and/or purchasing contact has been out of town, so we have not yet set down and finalized the process. I'm returning from PR today and hopefully tomorrow and I can get that settled and "officially" ordered. We've been working through Tony on this deal, so I think he is well aware of the situation. And as soon as we are finalized, I'll let him know as well.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Bonnie Hames [mailto:bhames@ceres-inc.com]
Sent: Tuesday, April 08, 2008 5:39 AM
To: Bill Rooney
Cc: Walter Nelson
Subject: RE: Sorghum samples for compositional analysis

Hi Bill,

I hope that all is going well with your travels and harvests. We're ready for any milled samples that you have to send us. Please don't wait for the arrival of your spectrometer. We'll scan the first set here and get started on building the NIR model while we straighten out the NIR priority switch. One of the biggest advantages of the new Foss XDS instrument is the ability to run spectra on any instrument and get identical results.

The second Foss XDS system is now in the US. They are holding it in Eden Prairie for us while you complete your paperwork. Please let me know as soon as you have placed your order, so that I can get our Foss rep, Tony Wika, working on it.

We still hope to build the NIR model in time to guide some of your breeding efforts this year. These are exciting times.

Take care,

Bonnie

Bonnie R. Hames, Ph.D.
Senior Manager, Chemistry
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
email: bhames@ceres-inc.com
phone: 805-376-6504 x1144
fax: 805-498-1002

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Wednesday, March 26, 2008 7:15 AM
To: Bonnie Hames
Cc: Walter Nelson
Subject: RE: Sorghum samples for compositional analysis

Bonnie

I am trying to finish up a "core" set of samples, which will be approximately 130 different materials for NRI screening and for the development of NIR curves. They are, for the most part all ground and will be ready to go in the next few weeks. Honestly, we are being delayed by planting and winter nursery activities or it would be done sooner.

I hope to have the list together late next week but it may slip into the week after as I am now in Mexico with Edgar and Walter and will be in Puerto Rico next week to harvest my own winter nursery.

Anyway, it is coming and we should be ready to go by the end of april.

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regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Monday, March 24, 2008 3:12 AM
To: Bill Rooney; Bonnie Hames

Subject: Sorghum samples for compositional analysis

Bill and Bonnie,

Good morning. I hope you both had a great weekend/holiday.

I think I have spoken to both of you about the sorghum samples for developing the compositional model and their availability. It was my understanding that they are just about ready at TAMU and we (Ceres) are ready to receive them when they are. Do we need to schedule a call to coordinate their shipment to Thousand Oaks and subsequent analysis, or is that moving forward already?

Thanks!

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: sweet sorghum proposal
Date: Monday, March 31, 2008 9:14:00 AM

Walter:

Thanks for the confirmation. I will visit with our budget people to determine the most appropriate approach, but I expect that it will be simply write the proposal for the funding amount that you have described and then we'll pursue CPBR funds jointly (with plans to use this funding as a match). Unless I hear otherwise from you, we will develop the formal proposal on that assumption.

I also assume that this will need to fall under the existing Ceres agreement - and that Spencer and Peter will need to see and amend the agreement to make it fit to those terms. I'll check on my side and we can discuss in PR.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Monday, March 31, 2008 7:06 AM
To: Bill Rooney
Cc: Edgar Haro; Spencer Swayze
Subject: RE: sweet sorghum proposal

Bill,

I have discussed the new proposal on my end and am confident on

Let me know if you would like to discuss over the phone.

Walter

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Monday, March 24, 2008 7:44 PM
To: Walter Nelson; Edgar Haro

Cc: 'McCutchen, Bill'; 'Avant, Bob'; 'David D Baltensperger'

Subject: sweet sorghum proposal

Walter and Edgar:

I've attached a revised proposal based on our discussions from several weeks back.

I look forward to discussing the proposal with you over the next few days.

See you tomorrow to look at some sorghum.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Sweet sorghum seed production in 08
Date: Tuesday, March 04, 2008 7:24:00 AM

Thursday morning is acceptable to me.

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Monday, March 03, 2008 7:14 PM
To: Bill Rooney
Subject: RE: Sweet sorghum seed production in 08

Hi Bill,

I guess I'm not surprised you already know Clint...seems everyone knows everyone in the sorghum industry.

I've called Clint and will find a time that works well for both for a call about production.

Regarding a discussion about the sweet sorghum proposal and your discussion with Edgar, would Thursday morning be okay for a call or would you like sooner?

Walter

-----Original Message-----

From: Bill Rooney [<mailto:wlr@tamu.edu>]
Sent: Monday, March 03, 2008 3:03 PM
To: Walter Nelson
Cc: Clint Johnson
Subject: RE: Sweet sorghum seed production in 08

Walter:

No need to introduce; I know Clint.

I was scheduled to be in Colorado on Wednesday, but that has been cancelled. Consequently, my Wednesday (all day) and Thursday morning are open. Just let me know what time you want to visit during that time.

I would also like to visit with you on the sweet sorghum proposal (I visited with Edgar; still waiting to hear back from him).

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics Chair, Plant Release Committee Texas A&M University
College Station, Texas 77843-2474 979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Monday, March 03, 2008 12:41 PM
To: Bill Rooney; Clint Johnson
Subject: Sweet sorghum seed production in 08

Hi Bill,

Hope you had a good weekend. It rained here yet again and is now windy and cold. I'm starting to think that this whole "perfect" California weather thing is a bit overrated....

I spoke to Clint Johnson, our seed production manager, about doing some testing of the sweet production this year. I had actually wanted to introduce you guys in person at some point but realized I'd missed the chance at the TSTA meeting in Dallas. We'll get the chance again soon I'm sure.

Clint had said he'd be available later this week for a call, perhaps on Wednesday or Thursday. I'll find a time for him where he's not in the field and you are available as well so I can schedule a conference call. I'd like to be a part of the discussion so I can keep up to speed on what we can do this year.

Is there a particular day or time that would work well for you later this week?

Walter

-----Original Message-----

From: Bill Rooney [<mailto:wlr@tamu.edu>]
Sent: Wednesday, February 27, 2008 11:47 AM
To: Walter Nelson
Subject: RE: CPBR grants

Walter:

Please have Clint give me a call. We should talk. That would be more efficient than trying to write an e-mail response.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics Chair, Plant Release Committee Texas A&M University
College Station, Texas 77843-2474 979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Wednesday, February 27, 2008 8:07 AM
To: Bill Rooney
Subject: RE: CPBR grants

Thanks Bill. I will follow up with Edgar next chance I get.

One other item that would help would be to know how much seed is available for the sweet hybrids as well as for the parental lines. I have already discussed testing production with our production guys and

they were asking how much acreage and locations they would need. Clint also asked if there are any commercial lines that nick in a similar fashion to the experimentals such that they can make some estimates on timing the plantings.

Thanks!

Walter

Walter E Nelson
Product Manager
Ceres, Inc.
office (805) 376-6548
mobile (805) 410-0503

sent via Treo

-----Original Message-----

From: Bill Rooney <wlr@tamu.edu>
Sent: Tuesday, February 26, 2008 12:28 PM
To: 'Walter Nelson' <wnelson@ceres-inc.com>
Subject: RE: CPBR grants

Thanks, Walter

If you receive an RFP from this group, please forward it. I don't remember seeing this before, as it would have been one to which I would have applied. That means it may not be getting done to the PIs. That has happened before....

I visited with Edgar yesterday and we talked about

sweet sorghum - he is reading the proposal and will get back to me. I will revise as appropriate and return to him for his agreement. Then I will forward to you for consideration.

puerto vallarta - at this time, I'm planning on going to PV on March 26-28 to look at nursery
puerto rico - we made tentative plans for edgar to visit the nursery on
friday April 4.

that is all.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Tuesday, February 26, 2008 9:03 AM
To: Bill Rooney
Cc: Spencer Swayze
Subject: CPBR grants

Hi Bill,

I am putting together a couple of follow-up thoughts from our discussion last week. One of them was this notion of CPBR grants to use for enhancing the sweet sorghum breeding program. The website link is below.

<http://www.cpbr.org/>

Basically the way it works is University members propose projects for peer review looking for commercial sponsors and uses a cost-match process from the commercial sponsors. Funding is coming from DOE and USDA to name a few.

Fortunately, both Ceres and TAES (Texas AgriLife) are already members according to the website.

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net <<http://www.ceres.net/>>

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Cc: ["Clint Johnson"](#)
Subject: RE: Sweet sorghum seed production in 08
Date: Monday, March 03, 2008 5:02:00 PM

Walter:

No need to introduce; I know Clint.

I was scheduled to be in Colorado on Wednesday, but that has been cancelled. Consequently, my Wednesday (all day) and Thursday morning are open. Just let me know what time you want to visit during that time.

I would also like to visit with you on the sweet sorghum proposal (I visited with Edgar; still waiting to hear back from him).

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

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From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Monday, March 03, 2008 12:41 PM
To: Bill Rooney; Clint Johnson
Subject: Sweet sorghum seed production in 08

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Is there a particular day or time that would work well for you later this week?

Walter

-----Original Message-----

From: Bill Rooney [<mailto:wlr@tamu.edu>]
Sent: Wednesday, February 27, 2008 11:47 AM
To: Walter Nelson
Subject: RE: CPBR grants

Walter:

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Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics Chair, Plant Release Committee Texas A&M University
College Station, Texas 77843-2474 979 845 2151

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Sent: Wednesday, February 27, 2008 8:07 AM

To: Bill Rooney

Subject: RE: CPBR grants

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Thanks!

Walter

Walter E Nelson
Product Manager
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office (805) 376-6548
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sent via Treo

-----Original Message-----

From: Bill Rooney <wlr@tamu.edu>

Sent: Tuesday, February 26, 2008 12:28 PM

To: 'Walter Nelson' <wnelson@ceres-inc.com>

Subject: RE: CPBR grants

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If you receive an RFP from this group, please forward it. I don't remember seeing this before, as it would have been one to which I would have applied. That means it may not be getting done to the PIs. That has happened before....

I visited with Edgar yesterday and we talked about

sweet sorghum - he is reading the proposal and will get back to me. I will revise as appropriate and return to him for his agreement. Then I will forward to you for consideration.

puerto vallarta - at this time, I'm planning on going to PV on March 26-28 to look at nursery
puerto rico - we made tentative plans for edgar to visit the nursery on
friday April 4.

that is all.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Tuesday, February 26, 2008 9:03 AM
To: Bill Rooney
Cc: Spencer Swayze
Subject: CPBR grants

Hi Bill,

I am putting together a couple of follow-up thoughts from our discussion last week. One of them was this notion of CPBR grants to use for enhancing the sweet sorghum breeding program. The website link is below.

<http://www.cpbr.org/>

Basically the way it works is University members propose projects for peer review looking for commercial sponsors and uses a cost-match process from the commercial sponsors. Funding is coming from DOE and USDA to name a few.

Fortunately, both Ceres and TAES (Texas AgriLife) are already members according to the website.

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net <<http://www.ceres.net/>>

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Sweet sorghum
Date: Tuesday, February 19, 2008 8:22:00 AM

Walter:

Tomorrow morning is open. Give me a call this afternoon when you get in and we can finalize a time.

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Tuesday, February 19, 2008 8:20 AM
To: William Rooney
Subject: Sweet sorghum

Hi Bill,

Hope you had a good weekend. I am actually at the airport now with Spencer waiting for our flight to Austin.

I wanted to let you know that we had some additional discussions about sweet breeding on Friday. The thinking was similar to what we discussed at TSTA, which is that we would like to consider the breeding activities already in the research program as well as what Ceres (e.g. Edgar) could help with in this first year before determining what type of funding you think you need to maintain our present competitive advantage. I can potentially make some trade-offs from a budget perspective, but need to have a better idea of what activities are going to be happening. If there is time we can discuss tomorrow morning or we can take it offline sometime over the phone as well.

See you tomorrow,

Walter

Walter E Nelson
Product Manager
Ceres, Inc.
office (805) 376-6548
mobile (805) 410-0503

sent via Treo

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: Sweet sorghum
Date: Tuesday, February 19, 2008 8:39:00 AM

Walter:

If it helps, I am at the office at 7 am, and the only scheduled meeting tomorrow is from 1-2:30. All other time is open so if the afternoon or early morning works, better just let me know.
Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Tuesday, February 19, 2008 8:37 AM
To: Bill Rooney
Subject: RE: Sweet sorghum

I think Spencer has me booked up starting at 8am tomorrow, but I'll look at the agenda and send a note once we land.

Also, I wanted to let you know that I spoke to Edgar yesterday about a PV trip the week of the 10th. He's checking hotel availability as the place looks a bit packed...all the spring break kids will be there....

Walter

Walter E Nelson
Product Manager
Ceres, Inc.
office (805) 376-6548
mobile (805) 410-0503

sent via Treo

-----Original Message-----

From: Bill Rooney <wlr@tamu.edu>
Sent: Tuesday, February 19, 2008 6:24 AM
To: 'Walter Nelson' <wnelson@ceres-inc.com>
Subject: RE: Sweet sorghum

Walter:

Tomorrow morning is open. Give me a call this afternoon when you get in and we can finalize a time.

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics

Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

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Sent: Tuesday, February 19, 2008 8:20 AM
To: William Rooney
Subject: Sweet sorghum

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I wanted to let you know that we had some additional discussions about sweet breeding on Friday. The thinking was similar to what we discussed at TSTA, which is that we would like to consider the breeding activities already in the research program as well as what Ceres (e.g. Edgar) could help with in this first year before determining what type of funding you think you need to maintain our present competitive advantage. I can potentially make some trade-offs from a budget perspective, but need to have a better idea of what activities are going to be happening. If there is time we can discuss tomorrow morning or we can take it offline sometime over the phone as well.

See you tomorrow,

Walter

Walter E Nelson
Product Manager
Ceres, Inc.
office (805) 376-6548
mobile (805) 410-0503

sent via Treo

From: [Bill Rooney](#)
To: ["Timothy Swaller"](#)
Subject: RE: TAMU Association population
Date: Monday, August 04, 2008 10:41:00 AM

Tim:

Another consideration - if we get rain this week, the material in the field will start to deteriorate rapidly. There will be regrowth (good for DNA), but the grain quality will drop quickly and the whole plant phenotype will dissipate. Hopefully we won't get the wind or some will likely lodge. So, the sooner you can get here the better.

Having said that, I can't do it the week of Aug 18 - too many activities associated with the Sorghum Meeting in Houston. However, my folks can show you where the material is and you can work from there, but I won't be available much that week.

Regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Timothy Swaller [mailto:tswall@ceres-inc.com]
Sent: Monday, August 04, 2008 10:37 AM
To: wlr@tamu.edu
Subject: TAMU Association population

Hi Bill,

I was wondering if the 18th would be a good day to meet and discuss this Association population as well as some possible mapping populations you have developed. We are trying to find some times that work for everyone. Pete and myself are busy next week, but we were hoping for the week after.

Fly down Sunday (17th)

Meet morning of the 18th, get a feel for the field during that day
Collect tissue/general phenotypes in the afternoon and following morning for the association population.

Fly out Tuesday/Wednesday (20th).

If this does not work, is there any times during this week that would work for you?

Thanks

Tim

Timothy Swaller
Sr. Manager
Genomic Technologies
Ceres, Inc.
(805) 376-6504 x1109
www.ceres.net

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Please consider the environment before printing this e-mail

From: Peter Mascia
Sent: Monday, August 04, 2008 8:06 AM
To: Jackie Zierhut; Holly Dungca
Cc: Timothy Swaller; Carla West; Michael Schiff
Subject: FW: tropical storm likely

Can someone cancel our flights for today?

Pete

Peter Mascia
Office: 805-376-6511
Cell: 805-402-0645



Please consider the environment before printing this e-mail

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Monday, August 04, 2008 4:58 AM
To: Peter Mascia
Subject: tropical storm likely

Pete:

We're expecting rain and some wind on Tuesday and Wednesday from the Tropical Storm in the Gulf.

Likely won't be good conditions for fieldwork. Any way to delay the trip?

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University

College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Timothy Swaller"](#)
Subject: RE: TAMU Association population
Date: Tuesday, August 05, 2008 2:33:00 PM

Tim:

That will be fine.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Timothy Swaller [mailto:tswall@ceres-inc.com]
Sent: Monday, August 04, 2008 5:30 PM
To: Bill Rooney
Subject: RE: TAMU Association population

Thanks for the consideration below.

So, we will move the trip up by a week.

Fly in on August 10 and leave the evening of August 12.

Maybe you will be around on the morning of August 11 (Monday) for a quick discussion. If not, I hope you can spare someone to show us the field/layout, etc.

Thanks

Tim

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Monday, August 04, 2008 8:42 AM
To: Timothy Swaller
Subject: RE: TAMU Association population

Tim:

Another consideration - if we get rain this week, the material in the field will start to deteriorate rapidly. There will be regrowth (good for DNA), but the grain quality will drop quickly and the whole plant phenotype will dissipate. Hopefully we won't get the wind or some will likely lodge. So, the sooner you can get here the better.

Having said that, I can't do it the week of Aug 18 - too many activities associated with the Sorghum Meeting in Houston. However, my folks can show you where the material is and you can work from there, but I won't be available much that week.

Regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Timothy Swaller [mailto:tswaller@ceres-inc.com]

Sent: Monday, August 04, 2008 10:37 AM

To: wlr@tamu.edu

Subject: TAMU Association population

Hi Bill,

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If this does not work, is there any times during this week that would work for you?

Thanks

Tim

Timothy Swaller
Sr. Manager
Genomic Technologies
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Please consider the environment before printing this e-mail

From: Peter Mascia
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Cc: Timothy Swaller; Carla West; Michael Schiff
Subject: FW: tropical storm likely

Can someone cancel our flights for today?

Pete

Peter Mascia
Office: 805-376-6511
Cell: 805-402-0645



Please consider the environment before printing this e-mail

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Sent: Monday, August 04, 2008 4:58 AM
To: Peter Mascia
Subject: tropical storm likely

Pete:

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Likely won't be good conditions for fieldwork. Any way to delay the trip?

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#); ["Tanya Kruse"](#)
Subject: RE: TAMU composition lab
Date: Wednesday, January 09, 2008 7:58:00 AM

Tanya (and Bonnie):

Thanks for the note – as it came in I was writing an e-mail to update you and to ask a couple of questions.

First, we finished our grinding and sample preparation room this week and started using it yesterday. Right now we are working on logistics to determine the most efficient method to process samples as quickly and cleanly as possible. We are now using the hammermill; the Wiley mill is set up; but we wanted to work with the Hammermill initially given some of the issues that you were having in CA.

Second, I've had conversations with the FOSS reps; I've talked to Tony (your rep in CA) and Kevin (our rep in TX) and we are moving forward to get the equipment as soon as possible but like I said earlier, it will probably be March before it is in place.

Finally, I need clarification on our relationship on the development and/or use of the calibration curve for NIR composition analysis. At some point in our discussion with Ceres, both John M. and I understood that Ceres planned to develop calibration curves, and that those curves would remain proprietary. However, what exactly does this mean? Does it mean that we will not have any access to the calibration curve OR does it mean that we will have access to the curve but we can only use it for testing Ceres material? Or is it interpreted in another way that I have completely missed? When this conversation took place, I think it involved Pete Mascia, Steve Thomas and Bonnie Hames from Ceres and at least John and I were present from TAMU. So please check with whomever you need to in order to get the right answer. It is quite important for us to understand exactly what we will (or will not) have access to and under what terms we can use it. This will allow us to make appropriate decisions on what we need to do to maintain our own program as well.

Regards,

Bill

[Dr. William L. Rooney](#)
[Sorghum Breeding and Genetics](#)
[Department of Soil & Crop Science](#)
[Texas A&M University](#)
[2474 TAMU](#)
[College Station, Texas 77843-2474](#)
[979 845 2151 \(phone\)](#)
[979 862-1931 \(fax\)](#)

-----Original Message-----

From: Tanya Kruse [mailto:tkruse@ceres-inc.com]
Sent: Tuesday, January 08, 2008 4:09 PM
To: Bill Rooney
Subject: TAMU composition lab

Good afternoon, Bill! Bonnie has a lot on her plate, so I offered to help her out on a few tasks, one of which is to follow up with you to see how the lab setup is going there at TAMU. 3 questions to start:

- 1) I know the construction of the lab was supposed to be completed over the holidays. Was the construction completed on time? If not, when is the expected finish date?
- 2) I understand you need to process some paperwork designating our people as visiting scientists. Is that going as planned?
- 3) Have you heard from Foss? Will they be able to get you your instrument, or shall we arrange to have our second instrument be delivered there?

Thanks so much!

Tanya Kruse, PhD

*Ceres, Inc.
1535 Rancho Conejo Blvd
Thousand Oaks, CA 91320
Tel: (805) 376-6504 x1147
Fax: (805) 498-1002
tkruse@ceres-inc.com*

www.ceres.net

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#); ["Tanya Kruse"](#)
Subject: RE: TAMU composition lab
Date: Wednesday, January 09, 2008 7:58:00 AM

Tanya (and Bonnie):

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Regards,

Bill

[Dr. William L. Rooney](#)
[Sorghum Breeding and Genetics](#)
[Department of Soil & Crop Science](#)
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Thanks so much!

Tanya Kruse, PhD

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1535 Rancho Conejo Blvd
Thousand Oaks, CA 91320
Tel: (805) 376-6504 x1147
Fax: (805) 498-1002
tkruse@ceres-inc.com*

www.ceres.net

From: [Bill Rooney](#)
To: ["Tanya Kruse"](#)
Subject: RE: TAMU-Ceres Sorghum Grant
Date: Wednesday, March 05, 2008 11:10:00 AM

Tanya:

Thanks for the notification. Sorry we didn't get funded, but things will be moving forward.

I wanted to check on the status of items and I had sent Bonnie a note last week. I hadn't heard from her and your message reminded me that I should have sent it to you as well.

So, between the two of you, here's an update on what we've been doing. If you or Bonnie can give me an update on the status at Ceres, I sure would appreciate it.

regards,

Bonnie:

It's been a while since we've visited and I wanted to update you on the status of the composition lab, equipment and visiting scientists.

1. Grinding - We've got the grinding program working quite efficiently. We have ground over half of all the samples that we have. We will be preparing samples for your analysis in the next couple of weeks. They will be diverse as requested. I need to know how much sample you will need.
2. NIR equipment - I'm waiting for the bid period to close. that should be late next week. Once that is done, we can proceed quickly. I don't know if you still want to ship your second unit here and then send ours as your second unit, but let me know. We'll probably need to tell Foss something sooner than later.
3. We have approval on the paperwork for Abbey, Casey and Tom to come as visiting scientists. I'm not sure if they are still on schedule to visit, who the visitors will be and when they will be here, but I would request that at least one be here when we get the NIR equipment; we would like to learn using their expertise. Let me know your opinion on who and when; once I have that I can send them an official letter of invitation.

Finally, Walter indicated that Ceres didn't wish to fund a composition lab and that is fine. If there are a limited number of samples that you need processed here, we can make arrangements to process some of these while Abbey, Tom or Casey is here as well.

Looking forward to hearing from you.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Tanya Kruse [mailto:tkruse@ceres-inc.com]

Sent: Wednesday, March 05, 2008 10:19 AM

To: Bill Rooney; John Mullet

Subject: TAMU-Ceres Sorghum Grant

The announcements were made on the DOE-USDA grant that we submitted late last year, and I'm sorry to have to report that the TAMU-Ceres Sorghum grant was not funded. We won't be able to get the government to pay for this work yet; however, we plan to keep our eyes open for other granting opportunities that we could submit this to and encourage you to do the same. In fact, one of the other grants that Ceres had submitted was rejected in 2007, but was accepted for this proposal. When at first you don't succeed, try, try again!

Tanya

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#)
Subject: RE: TAMU-Ceres Sorghum Grant
Date: Friday, March 07, 2008 8:21:00 AM

Thanks Bonnie

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Bonnie Hames [mailto:bhames@ceres-inc.com]
Sent: Thursday, March 06, 2008 9:21 PM
To: Tanya Kruse; Bill Rooney
Subject: RE: TAMU-Ceres Sorghum Grant

Hi Bill,

Tanya is right, I've been exceptionally busy for the last few weeks. Sorry for the delayed reply.

1) Great news on the milling progress. Tanya already sent you our sample size needs. What is average size for the sorghum samples?

2) A call-back to Foss is also on my uncompleted to-do list. As Tanya mentioned, we may be able to switch priorities on the Foss waiting list. Another option would be to ship the milled samples here for NIR analysis. This is not our first choice, but it would be better than waiting.

3) We need to coordinate the travel plans with the delivery of your NIR.

4) Thanks for offering to help out with the additional samples even without the funding for the compositional analysis lab. We decided to ship the switchgrass samples here and we're slowly making our way through the boxes and boxes of material. We'll let you know if we have any urgent requests for data and need your assistance with milling.

Thanks,

Bonnie

Bonnie R. Hames, Ph.D.
Manager, Chemistry
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
email:bhames@ceres-inc.com
phone: 805-376-6504 x1144
fax: 805-498-1002

From: Tanya Kruse
Sent: Thursday, March 06, 2008 4:21 PM
To: 'Bill Rooney'
Cc: Bonnie Hames
Subject: RE: TAMU-Ceres Sorghum Grant

I forwarded this to Bonnie, but no response yet. She's been pretty swamped. Here's the info as I know it:

- 1) I'm very excited to hear the milling is going quickly. If we can get 20g of milled, dried material, that would be wonderful. If you have more, all the better. The absolute minimum for full wet chemical analysis is 10 g.
- 2) NIR – Let's just take the route that is fastest to get you a machine. You should take our slot in Foss's queue and we can take yours.
- 3) I agree, we should schedule this once we know when the NIR shipment will happen. Once we know when the Foss will be shipped, then we should coordinate the visit to be simultaneous.

I'm afraid I don't know anything about a composition lab at TAMU, maybe Bonnie can chime in on that?

Tanya

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Wednesday, March 05, 2008 9:11 AM
To: Tanya Kruse
Subject: RE: TAMU-Ceres Sorghum Grant

Tanya:

Thanks for the notification. Sorry we didn't get funded, but things will be moving forward.

I wanted to check on the status of items and I had sent Bonnie a note last week. I hadn't heard from her and your message reminded me that I should have sent it to you as well.

So, between the two of you, here's an update on what we've been doing. If you or Bonnie can give me an update on the status at Ceres, I sure would appreciate it.

regards,

Bonnie:

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2. NIR equipment - I'm waiting for the bid period to close. that should be late next

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Finally, Walter indicated that Ceres didn't wish to fund a composition lab and that is fine. If there are a limited number of samples that you need processed here, we can make arrangements to process some of these while Abbey, Tom or Casey is here as well.

Looking forward to hearing from you.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Tanya Kruse [mailto:tkruse@ceres-inc.com]

Sent: Wednesday, March 05, 2008 10:19 AM

To: Bill Rooney; John Mullet

Subject: TAMU-Ceres Sorghum Grant

The announcements were made on the DOE-USDA grant that we submitted late last year, and I'm sorry to have to report that the TAMU-Ceres Sorghum grant was not funded. We won't be able to get the government to pay for this work yet; however, we plan to keep our eyes open for other granting opportunities that we could submit this to and encourage you to do the same. In fact, one of the other grants that Ceres had submitted was rejected in 2007, but was accepted for this proposal. When at first you don't succeed, try, try again!

Tanya

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#)
Subject: RE: Tata
Date: Tuesday, September 09, 2008 7:57:00 AM

Spencer:

The two most consistent contacts with Tata are S. Sriram and Vidhu Nagpal. Sriram (as he prefers to be addressed) is located in India and coordinates a fair amount of biofuel industry development for Tata. Vidhu is located in Pittsburgh and is not an employee of Tata (I assume he serves as a consultant for U.S. work by Tata). Evidently Vidhu and Sriram are old friends and that is the connection. Vidhu is thoroughly Americanized (Va Tech graduate, and likes to discuss college football (particularly the Hokies).

Their contacts are as follows.

S Sriram

Vidhu Nagpal

Regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Sunday, September 07, 2008 3:01 PM
To: Bill Rooney
Subject: Tata

Hi Bill,

I just wanted to follow-up with you to see if you could pass along the contact information for your contact at Tata Chemicals. I appreciate it.

Best regards,

Spencer P. Swayze
Manager of Business Development
Ceres, Inc. "*The Energy Crop Company*"TM
sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

From: [Bill Rooney](#)
To: ["Walter Nelson"](#); ["Spencer Swayze"](#); ["Edgar Haro"](#)
Cc: ["Bill McCutchen"](#); ["Bob Avant"](#); ["Shay Simpson"](#); ["Patricia Klein"](#); ["John Mullet"](#); ["Juerg M Blumenthal"](#); ["David D Baltensperger"](#)
Subject: RE: Topics for discussion
Date: Monday, September 22, 2008 10:18:00 AM

Walter, Spencer and Edgar:

Based on the schedule that Shay has sent and the topics for discussion, I would like to utilize some of your time on Tuesday afternoon to visit some of the material in the field and to show you some of the products of the intergeneric hybrid program.

While doing so, we can also have some initial conversations concerning testing/evaluation, seed production, and NIR and that should reduce time required for those topics on Wednesday.

I am also available for dinner and we can make arrangements once others here have made their availability known.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [<mailto:wnelson@ceres-inc.com>]
Sent: Monday, September 22, 2008 7:13 AM
To: John Mullet
Cc: Bill Rooney; Bill McCutchen; Bob Avant; Shay Simpson; Patricia Klein; Spencer Swayze; Edgar Haro
Subject: RE: Topics for discussion

Hi John,

This sounds great. I added a few of these topics to the agenda, but feel free to revise further and send.

I noticed that an hour or so was set aside for conversion technologies in the agenda. I was not sure what you had in mind there, but certain subjects could be followed up with a call too depending on what you wanted to talk about and who needs to be present.

Due to being short on time, I am fine with the notion of shorter updates on areas discussed a month or so ago to provide more time for these other subjects. However, I have been thinking that, from a process point of view, that we should talk in the near future about the December meeting structure as I think it would be a good idea to have an "End of Year 1" discussion where we review achievements in year 1 and discuss targets/goals for the programs in year 2. We can discuss more Tues/Weds.

Regards,

Walter

-----Original Message-----

From: John Mullet [<mailto:jmullet@tamu.edu>]

Sent: Sunday, September 21, 2008 10:55 AM

To: Walter Nelson; Spencer Swayze

Cc: Bill Rooney; Bill McCutchen; Bob Avant; Shay Simpson; Patricia Klein

Subject: Topics for discussion

Hi Walter and Spencer,

In addition to giving you an update on our current projects, I suggest we consider carving out some time for the following discussion items;

1. Next steps with the Miscanthus group from Aberystwyth University.
2. Feasibility of a large scale sorghum germplasm mining project (follow up from Pete's visit)

I think Bill Rooney also would like to discuss several additional items at the meeting (NIR calibration curves, seed production questions, wide hybridization).

Because we updated our progress in August, I was planning to be brief in terms of a progress update this time around to provide time for discussion of the items above. However, I would be happy to proceed in greater depth as you wish.

Also, I will have to leave our meeting at 1pm to attend a Ph.D. defense.

Hope all is well,

John

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Cc: ["Edgar Haro"](#); ["John Mullet"](#); [Juerg Blumenthal](#); ["Baltensperger, David"](#); ["Avant, Bob"](#); ["Schuerman, Peter L."](#); ["shay-simpson@tamu.edu"](#); ["Patricia Klein"](#); ["Slovacek, Jackie"](#); ["Judy Young"](#)
Subject: RE: Updated agenda
Date: Tuesday, April 22, 2008 12:00:00 PM
Attachments: [Ceres TAMU 2008Q1 Quarterly Meeting Schedule draft v3.doc](#)

[Walter](#)

Based on schedules here in College Station, I have made some changes to the afternoon schedule. Unless I hear otherwise, we will consider this to be the final schedule.

The meeting will be held in 105 Hobgood, which is the building directly to the North of Heep. We'll see you tomorrow.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Tuesday, April 22, 2008 11:01 AM
To: John Mullet; Bill Rooney
Cc: Edgar Haro
Subject: Updated agenda

John and Bill,

I updated the agenda slightly by fixing times for the various sections. I did this as people here will be calling in and I wanted to try to give them more specific times for dialing.

Please let me know if the breakouts/timing work for you.

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

The diagram is a complex geometric structure composed of black lines on a white background. It features a large outer rectangle with a smaller rectangle nested inside. The lines are arranged in a way that creates a series of horizontal and vertical segments, some of which are parallel and others that intersect. The overall effect is a grid-like pattern with varying line weights and positions, suggesting a technical or architectural drawing. The lines are primarily black and vary in thickness, creating a sense of depth and structure. The diagram is composed of several horizontal and vertical lines that intersect to form a series of nested and overlapping rectangles and squares. The lines are arranged in a way that suggests a complex geometric or architectural design, possibly a floor plan or a technical drawing. The overall shape is a large rectangle with a smaller rectangle inside it, and several other lines extending from the corners and edges.

[illegible]

[illegible]

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: use of the figures in attached presentation
Date: Friday, December 12, 2008 9:05:00 AM

I think it is fine - at some point the informations needs to be provided, but I can work with general categories at this time.

Unless I hear back from you, I will use the bar graphs, BUT NOT provide the legend for both figures.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Friday, December 12, 2008 8:56 AM
To: Bill Rooney; Bonnie Hames
Subject: RE: use of the figures in attached presentation

Bill,

Thanks for running this by us. We have actually discussed these specific tables being released in the past. One compormise we have done in the past I believe was to remove the names of the constituents, hence blinding the data a bit so others would not know the detailed breakdown of various materials. Do you think this would work?

Walter

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Friday, December 12, 2008 5:38 AM
To: Walter Nelson; Bonnie Hames
Subject: use of the figures in attached presentation

Walter and Bonnie

I'm preparing the preproposal for the CPBR (it's due today, so no real hurry). I would like to include the two figures that Bonnie provided to me earlier from a quarterly report, but I want to make sure that Ceres is agreeable to that. Can you let me know ASAP if I can present this information in the CPBR preproposal?

Also, I want to credit Ceres for the contribution of these figures but if I do, does that bias the competitiveness of the preproposal or does it matter at all?

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Peter Mascia"](#)
Subject: RE: visit to collect samples and discuss mapping populations
Date: Wednesday, July 23, 2008 4:21:00 PM

Pete:

That week will be fine, I will be available all that week EXCEPT Monday. The association panels will still be in the field at that time for viewing and you could take tissue if so desired. As I mentioned in our phone call, I think you might get better seed if you wait and get that from Lubbock this fall.

I hope to have the list of populations together before that time... too many other things to do.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]
Sent: Tuesday, July 22, 2008 2:02 PM
To: Bill Rooney
Subject: visit to collect samples and discuss mapping populations

Hi Bill,

When would be a good time to come down to collect samples and discuss mapping populations. I was thinking about the week of August 4.

Pete

Peter Mascia, Ph.D.
Vice President of Product Development
Ceres, Inc.
1535 Rancho Conejo Boulevard
Thousand Oaks, CA 91320
Tel: (805) 376-6511
Fax: (805) 376-6549
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Please consider the environment before printing this e-mail

From: [Bill Rooney](#)
To: ["Peter Mascia"](#)
Subject: RE: visit to collect samples and discuss mapping populations
Date: Thursday, July 31, 2008 5:58:00 PM

Pete:

I just got your note - was out of the office and away from e-mail. I want to check and make sure that the panel is satisfactory for phenotyping before you spend excess time and money traveling and working. Quite honestly, we planted it but I haven't made it a priority to look at this year. I will check it in the morning to make sure it is worth the trouble.

also, I've finalized a list of populations and I'll be sending them as soon as we need to finish some internal discussion about our plans for the material. I expect to have that finished enough to send the list tomorrow as well.

Look forward to your visit next week.

Send you more tomorrow.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]
Sent: Wednesday, July 30, 2008 10:55 AM
To: Bill Rooney
Subject: RE: visit to collect samples and discuss mapping populations

Bill,

Looks like several of us will be flying down on Monday the 4th and meet with you on Tue Aug 5. Tim Swaller, Mike Schiff and Carla West will join me.

We would like to discuss the mapping populations and get samples for DNA analysis on the association population. We will also get some phenotype data for the association population (seems that it has already been done, but it's not published yet). We will probably leave in the evening of the 6th, But Mike and Carla may stay longer for phenotyping if that makes sense.

Would you like to join us for dinner on Aug 5?

I'd like to visit with Peter, Dave and John, and perhaps some people would like to meet with us. I can contact them when I get there.

Pete

Peter Mascia
Office: 805-376-6511
Cell: 805-402-0645



Please consider the environment before printing this e-mail

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Wednesday, July 23, 2008 2:21 PM
To: Peter Mascia
Subject: RE: visit to collect samples and discuss mapping populations

Pete:

That week will be fine, I will be available all that week EXCEPT Monday. The association panels will still be in the field at that time for viewing and you could take tissue if so desired. As I mentioned in our phone call, I think you might get better seed if you wait and get that from Lubbock this fall.

I hope to have the list of populations together before that time... too many other things to do.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]
Sent: Tuesday, July 22, 2008 2:02 PM
To: Bill Rooney
Subject: visit to collect samples and discuss mapping populations

Hi Bill,

When would be a good time to come down to collect samples and discuss mapping populations. I was thinking about the week of August 4.

Pete

Peter Mascia, Ph.D.
Vice President of Product Development
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1535 Rancho Conejo Boulevard
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Please consider the environment before printing this e-mail

From: [Bill Rooney](#)
To: ["Peter Mascia"](#)
Subject: RE: visit to collect samples and discuss mapping populations
Date: Friday, August 01, 2008 1:02:00 PM

The association panel is good to work - we'll clean up a few off-types but it should work.

List of RILs - still waiting on admin.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]
Sent: Friday, August 01, 2008 1:00 PM
To: Bill Rooney
Subject: RE: visit to collect samples and discuss mapping populations

Thanks Bill. Anything to report?

Pete

Peter Mascia
Office: 805-376-6511
Cell: 805-402-0645



Please consider the environment before printing this e-mail

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Thursday, July 31, 2008 3:59 PM
To: Peter Mascia
Subject: RE: visit to collect samples and discuss mapping populations

Pete:

I just got your note - was out of the office and away from e-mail. I want to check and make sure that the panel is satisfactory for phenotyping before you spend excess time and money traveling and working. Quite honestly, we planted it but I haven't made it a priority to look at this year. I will check it in the morning to make sure it is worth the trouble.

also, I've finalized a list of populations and I'll be sending them as soon as we need to finish some internal discussion about our plans for the material. I expect to have that finished enough to send the list tomorrow as well.

Look forward to your visit next week.

Send you more tomorrow.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]

Sent: Wednesday, July 30, 2008 10:55 AM

To: Bill Rooney

Subject: RE: visit to collect samples and discuss mapping populations

Bill,

Looks like several of us will be flying down on Monday the 4th and meet with you on Tue Aug 5. Tim Swaller, Mike Schiff and Carla West will join me.

We would like to discuss the mapping populations and get samples for DNA analysis on the association population. We will also get some phenotype data for the association population (seems that it has already been done, but it's not published yet). We will probably leave in the evening of the 6th, But Mike and Carla may stay longer for phenotyping if that makes sense.

Would you like to join us for dinner on Aug 5?

I'd like to visit with Peter, Dave and John, and perhaps some people would like to meet with us. I can contact them when I get there.

Pete

Peter Mascia
Office: 805-376-6511
Cell: 805-402-0645



Please consider the environment before printing this e-mail

From: Bill Rooney [mailto:wlr@tamu.edu]

Sent: Wednesday, July 23, 2008 2:21 PM

To: Peter Mascia

Subject: RE: visit to collect samples and discuss mapping populations

Pete:

That week will be fine, I will be available all that week EXCEPT Monday. The association panels will still be in the field at that time for viewing and you could take tissue if so desired. As I mentioned in our phone call, I think you might get better seed if you wait and get that from Lubbock this fall.

I hope to have the list of populations together before that time... too many other things to do.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Peter Mascia [mailto:pmascia@ceres-inc.com]

Sent: Tuesday, July 22, 2008 2:02 PM

To: Bill Rooney

Subject: visit to collect samples and discuss mapping populations

Hi Bill,

When would be a good time to come down to collect samples and discuss mapping populations. I was thinking about the week of August 4.

Pete

Peter Mascia, Ph.D.
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Please consider the environment before printing this e-mail

From: [Bill Rooney](#)
To: ["Walter Nelson"; "Edgar Haro"](#)
Subject: RE: Visit to College Station
Date: Tuesday, July 15, 2008 7:56:00 PM

Walter and Edgar:

I'll be in Corpus Christi until Wednesday evening, but I'll be around on Thursday. I'll likely be in the field on Thursday morning. It might be best if you'll just call me on my cell to settle on a time/place.

See you Thursday.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Tuesday, July 15, 2008 1:52 PM
To: Edgar Haro
Cc: wlr@tamu.edu
Subject: RE: Visit to College Station

Edgar and Bill,

Sounds great to me. Just let me know if/when a good time is. I arrive in CS Wednesday afternoon leave Thursday night. The only other thing I must do while there is walk some of the agronomy experiments with Chris, probably on Wednesday afternoon.

Walter

From: Edgar Haro
Sent: Tuesday, July 15, 2008 11:32 AM
To: Walter Nelson
Cc: wlr@tamu.edu
Subject: RE: Visit to College Station

Walter,

During your visit in CS let's try to get an hour or so with Bill Rooney to discuss a bit more key activities that Ceres may concentrate on this collaborative research project between Ceres and TAES.

Bill suggested that a major area we may want to consider is the yield trialing in the next two three years which I agree completely. Searching best materials with wide area adaptation is a key activity in the first years of Ceres as a seed business.

I am copying to Bill hopefully he has some time, maybe lunch on thursday?

Edgar

From: Walter Nelson
Sent: Mon 7/7/2008 7:56 AM
To: Edgar Haro
Subject: Visit to College Station

Hi Edgar,

Hope you had a great weekend.

Just wanted to let you know I will arrive in College Station next week on the afternoon of Wednesday the 16th and will be available that afternoon/evening and all day on the 17th to visit the fields and nurseries and so forth.

Walter

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

From: [Bill Rooney](#)
To: ["Clint Johnson"](#)
Subject: RE: Visit
Date: Wednesday, October 15, 2008 7:41:00 PM

Clint:

I'll see you in the field tomorrow.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Clint Johnson [<mailto:cjohnson@ceres-inc.com>]
Sent: Wednesday, October 15, 2008 5:18 PM
To: Bill Rooney
Subject: RE: Visit

Bill

I tried to call but it would go thru. I will plan on meeting you @ Halfway 930 a.m. Tomorrow.

Thanks
Clint

-----Original Message-----

From: "Bill Rooney" <wlr@tamu.edu>
To: "Clint Johnson" <cjohnson@ceres-inc.com>
Sent: 10/15/08 12:31 PM
Subject: Visit

Clint

I'm up in Plainview working in our Halfway nursery. I was looking at the PS hybrid trials and thought you might be interested in seeing the material. I know you saw it in CS, but it is nice to see it up here.

I'll be in Hereford this afternoon but will be back Plainview this pm and would be available to meet you at the Halfway station around 9:30 tomorrow morning.

If interested, just give me a call on my cell . If you can't, that's fine as well.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics

Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Tanya Kruse"](#)
Subject: RE: visiting scientists
Date: Thursday, January 24, 2008 10:11:00 AM

Tanya:

Thanks for that update. Yes, I did get Tom's information last night. I will wait for Casey's, and we will prepare paperwork for all three and then see who shows up.

We started grinding yesterday. Through our Wiley mill we averaged 15 samples per hour (as long as they are very dry) - so we can get through some numbers pretty quickly.

regards,

bill

-----Original Message-----

From: Tanya Kruse [mailto:tkruse@ceres-inc.com]
Sent: Thursday, January 24, 2008 10:08 AM
To: Bill Rooney; Bonnie Hames
Subject: RE: visiting scientists

Tom said he would send his info to you last night, so I hope you have received it by now. I also wanted to let you know that we now have a third volunteer, Casey Mezera. I have requested that he send his resume to me today, so I can get it to you asap. We don't know exactly who will end up going at what times, but we figure that if we have the paperwork all set for all three, then we are covered to send any of them at any time. If there is any problem with that, please let us know. Thank you so much!

Tanya

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Wednesday, January 23, 2008 8:19 AM
To: Bonnie Hames; Tanya Kruse
Subject: visiting scientists

Bonnie:

I have Abbey Pierson's resume, but I have not received anything yet from the second person who was going to visit. Can you have him/her send their information so I can get this process started?

regards,
bill

-----Original Message-----

From: Bonnie Hames [mailto:bhames@ceres-inc.com]
Sent: Thursday, January 10, 2008 6:33 PM
To: Tanya Kruse; Bill Rooney
Subject: RE: grind size, time and contamination questions

Hi Bill,

Thanks for the photos. They really tell me a lot. Before our call next week there is one thing that I would recommend. Please check your Wiley mill for the correct gap between the blades. Whenever we sharpen the blades (about every two months) we place the new blades using a gap spacer tool at .275 mm. The blades should be sharp enough to cut a piece of paper. Copy paper can also be used to measure the gap. At the closest pass, one sheet of paper should fit snugly in the gap.

The longer particles that you see in your samples most likely indicate a gap larger than .3mm. The long, thin particles are seen when the samples stay in the mill so long that a significant number of them can orient themselves to pass lengthwise, through the 2mm screen. This can happen with dull blades or with large gaps between the hammer and the screen. We set our Retch mill gap at 0.33 mm.

The presence of the long, thin particles doesn't introduce a large error in the NIR, but it can significantly effect our ability to representatively sample at less than one gram for wet chemical analysis and conversion assays.

Also, one comment on acceptable cross-contamination between samples. For compositional analysis, if the contaminant is less than 0.5 percent of the dry weight of the whole sample, we won't usually see it as significant for composition or conversion analysis. What level of contamination is acceptable for your gene marker tests? Isn't it very important that samples be from a single plant?

Bonnie

Bonnie R. Hames, Ph.D.
Sr. Manager, Chemistry
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
phone: 1-805-376-6504 x1144
email: bhames@ceres-inc.com
fax: 1-805-498-6215

From: Tanya Kruse
Sent: Thursday, January 10, 2008 2:15 PM
To: 'Bill Rooney'; Bonnie Hames
Subject: RE: grind size, time and contamination questions

I think a quick phone call is in order so we can deal with this without bouncing too many e-mails around... Bonnie will be out of town/booked Monday through Wednesday. However, how does Thursday, Jan 17 at 12:00 PM west coast time sound? We can call your office line.

To give a brief comment to your questions though, we mill all of our material with a 2 mm screen. We'll want you to do the same so that we are all working with

consistent particle sizes.

You haven't had problems processing those thick sorghum stalks in your Wiley? Something to discuss! As for milling only part of the sample, I would say that we definitely need to have a representative sample of the whole plant. If all of the bottom stalks are going in first, and the tops are last, then stopping in the middle would lead to a non-representative sampling of the whole plant. However, if the whole plant went into a chopper first, and you had a bucket-full of material, then you could grab representative handfuls of the whole plant from the bucket to mill to 2 mm with no problem.

When we see long stalks it usually means that our blades are either not aligned properly, or the blades are dulling. Of course, this is not the case with a hammermill, so we can discuss that further. I believe Bonnie has some data as to how much cross contamination is too much, so I'll let her reply to that problem.

On a side note, if you have any comments on the last e-mail regarding the composition lab and the 4 points mentioned there, we'd love to hear them.

Have a wonderful time in San Diego!

Tanya

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]

Sent: Thursday, January 10, 2008 10:51 AM

To: Tanya Kruse; Bonnie Hames

Subject: grind size, time and contamination questions

Tanya and Bonnie:

We are working on the logistics of balancing grind fineness, time it takes, sample size and cross contamination between samples.

I don't have time to ask all my questions and we probably need to have a conference call next week but we have been trying both the Wiley mill and the Hammermill. I've attached two different grinds coming from the Wiley mill and one from the Hammermill.

The Wiley Mill works very well and we can grind quite fine relatively quickly (see samples attached). We have two mill fractions – Which is acceptable? Also, the Wiley mill is easy to clean – no problems there. We expect to process and bag 6-10 samples per hour, depending on sample and fineness and completeness of grind. When we put a sample in, we can generate a suitable size sample in two minutes, but not all of the tissue has passed through the sieve. It takes about twice as long to fully grind the sample. My question – is a subsample representative of the whole sample? If so, we can grind enough, clean up and move on.

The material from the hammermill has passed through a 1.5mm sieve, but because it is a crushing rather than a cut, there are some longer particle (see picture). Are these a problem in analysis? If we don't stop

to clean out the mill everytime, we can process 15-20 samples per hour, but we are a little concerned about cross contamination on small samples (dry weight < .5 lbs) because the mill doesn't clean completely out and there is not enough of a sample to "wash" it. For samples >1 lb, it is working superbly. Do you have any experience with how much cross contamination is too much?

If it is easier to call, just call me next week. I'm leaving for San Diego this pm for a pre PAG meeting tomorrow.

Regards,

Bill

Dr. William L. Rooney
Sorghum Breeding and Genetics
Department of Soil & Crop Science
Texas A&M University
2474 TAMU
College Station, Texas 77843-2474
979 845 2151 (phone)
979 862-1931 (fax)

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#)
Subject: RE: Yield estimates
Date: Friday, August 08, 2008 9:07:00 AM

Spencer:

If you can call early this afternoon, I can do this call today. Tuesday next week won't work.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Friday, August 08, 2008 8:53 AM
To: Bill Rooney
Subject: Yield estimates

Bill,

I hope this message finds you well. I apologize for the number of emails. I wanted to touch base with you to discuss some yield estimates for sorghum and a few external modeling efforts that we may participate in. Would you be available for a quick discussion this afternoon or Tuesday of next week? Please let me know. I look forward to speaking with you soon.

Best regards,

Spencer P. Swayze
Manager of Business Development
Ceres, Inc. "*The Energy Crop Company*"TM
sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

From: [Bill Rooney](#)
To: ["Spencer Swayze"](#)
Subject: RE: Yield estimates
Date: Friday, August 08, 2008 9:42:00 AM

Spencer:

Thanks for the estimates - while this is fresh on my mind, I'm going to respond.

1. I have no problem with traditional and MAB rows and the assumption that all grown will be developed using both approaches.
2. The rate of gain using MAB/traditional is 3% annually starting at 15 dT/acre. Since some of the initial bumps are already accounted for in the 15 dT/acre number, and that the corn gains are proposed at 3% annually, I think 3% for total biomass is a bit optimistic. I would model 2% for MAB and 1% for traditional.
3. Transgenic adoption rate seems low - if it really bumps yield 25%, then it seems that producers would very rapidly adopt the technology, especially since we have a history of transgenics and that this is a non-food crop. I don't know how realistic a 25% yield bump is but I'll defer that to the transgenic experts.

Hope this helps. Looks like a good theoretical exercise.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Friday, August 08, 2008 9:32 AM
To: Bill Rooney
Subject: RE: Yield estimates

Hi Bill,

Attached are the estimates we discussed. Please take a look at these and let me know if you have any suggestions. I forgot to mention that we would like to put you down as a reference for McKinsey & Co. They may want to have a similar discussion with you. Please keep these numbers confidential. I really appreciate your help with this.

Best regards,

Spencer P. Swayze
Manager of Business Development
Ceres, Inc. "*The Energy Crop Company*"TM
sswayze@ceres-inc.com

Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]
Sent: Friday, August 08, 2008 7:07 AM
To: Spencer Swayze
Subject: RE: Yield estimates

Spencer:

If you can call early this afternoon, I can do this call today. Tuesday next week won't work.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Spencer Swayze [mailto:sswayze@ceres-inc.com]
Sent: Friday, August 08, 2008 8:53 AM
To: Bill Rooney
Subject: Yield estimates

Bill,

I hope this message finds you well. I apologize for the number of emails. I wanted to touch base with you to discuss some yield estimates for sorghum and a few external modeling efforts that we may participate in. Would you be available for a quick discussion this afternoon or Tuesday of next week? Please let me know. I look forward to speaking with you soon.

Best regards,

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sswayze@ceres-inc.com
Office: (805) 376-6508
Mobile: (805) 407-8799
www.ceres.net

From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Cc: ["Bill Rooney"](#)
Subject: RE: YT Flowering data
Date: Tuesday, September 16, 2008 1:57:00 PM

Thanks, Edgar. Good information.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]
Sent: Sunday, September 14, 2008 8:30 PM
To: Bill Rooney
Subject: YT Flowering data

Hi Bill,

Here is the flowering data for Ceres hybrids at TAES.

Edgar

Edgar Haro PhD.
Senior Manager Sorghum Research
Ceres Inc.
(979) 324-8046

From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Subject: RE:
Date: Thursday, March 06, 2008 9:58:00 AM
Attachments: [Sweet Sorghum RFP Table to Ceres.pdf](#)

Edgar:

Glad to have the message. I didn't have your e-mail earlier so now I'm sending an attachment that I sent to Clint and Walter earlier. its for the call in ten minutes.

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
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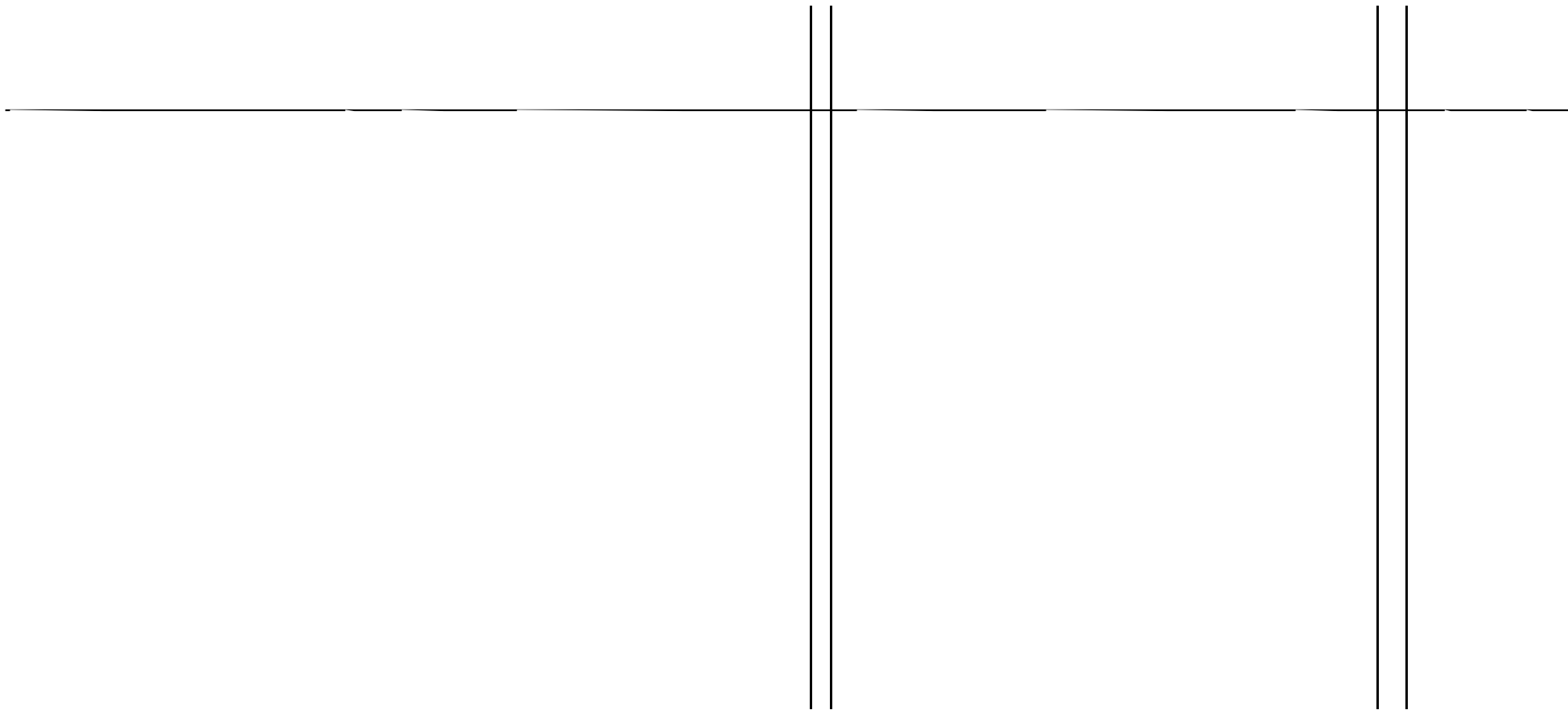
-----Original Message-----

From: Edgar Haro [mailto:eharo@ceres-inc.com]
Sent: Thursday, March 06, 2008 9:58 AM
To: Bill Rooney
Subject: RE:
Importance: High

Hi Bill,

I discussed a bit with Walter on your proposal.
I am attaching a file to review and see what you think during our teleconference.

Edgar.



From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: RE: slide decks from quarterly
Date: Thursday, May 01, 2008 3:56:00 PM
Attachments: [2008-04 Quarterly Report - Rooney.pdf](#)

Walter:

Here it is. Have fun with it.

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

-----Original Message-----

From: Walter Nelson [mailto:wnelson@ceres-inc.com]
Sent: Thursday, May 01, 2008 3:35 PM
To: Bill Rooney; jmullet@tamu.edu
Subject: slide decks from quarterly

Bill and John,

Could you send me the slide decks you showed us at the quarterly meeting last week? I've had a few inquiries on this end, particularly for the marker discussion slides. Pdfs are fine.

Thanks!

Walter

P.S. Bill, I promise to be sensitive about the yield data, esp. with Dr. McCutchin....

Walter E Nelson
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
voice: (805)376-6548
www.ceres.net

CON





CONFIDENTIAL



CONFIDENTIAL

CONFIDENTIAL

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#)
Cc: ["Walter Nelson"](#)
Subject: request for the composition summary
Date: Friday, November 21, 2008 2:20:00 PM

Bonnie:

I was wondering if you could send that summary slide (composition analysis) that you presented to us in the last quarterly meeting in August.

I am preparing a preproposal to the CPBR (Walter can fill you in on details) and I am reworking some of the parts of the proposal on composition that we originally submitted last fall. I would like to use that table to simply document that we have variation for these composition traits in sorghum.

Sure appreciate it if you can send it.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Subject: seed
Date: Thursday, August 28, 2008 9:19:00 AM

Walter:

We did inventory on the A-lines and as you saw the seed quantities were lower than I'd hoped for. We are sending about a pound of each and that is about as good as we can do right now. One line is not in here, I've got to check on why we did not show an increase on it.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Cc: ["Walter Nelson"](#); ["Daniel Packer"](#)
Subject: seed from Vallarta
Date: Friday, April 11, 2008 10:52:00 AM

Edgar

I hope you've gotten your material harvested and threshed by now. Our nurseries was quite good in PR and I think that the seed quality was actually better in PR than what I saw in Vallarta. That would not be typical, but for whatever reason that is what it looked like. I think Walter would concur on that observation as well. We got back from Puerto Rico on Tuesday and the seed came in on yesterday. We were able to inventory and are now ready to set up nurseries using the seed.

Before I do that, I wanted to check on the status of the seed we discussed planting here in CS. Do you have an estimate of when we can expect it here in CS? Walter indicated that inspection would not be until after April 14th, and if so, I'll probably plant the material from Puerto Rico and then plant Vallarta separately.

Just let me know and I'll move forward as appropriate.

Regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#)
Cc: ["Karen Prihoda"](#); ["McCutchen, Bill"](#); ["Peter L Schuerman"](#); ["Spencer Swayze"](#)
Subject: Seed of Ceres Sweet Hybrids
Date: Tuesday, May 13, 2008 7:27:00 AM
Attachments: [May 12, 2008 - Walter Nelson.pdf](#)

Walter:

The seed for three sweet sorghum hybrids is being shipped with the sorghum biomass samples we are sending to Bonnie. This will be shipped today, so expect later this week, and make sure to get them from Bonnie.

Regards,

Bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

• • • • •
• • • • •

Sorghum

From: [Bill Rooney](#)
To: ["Clint Johnson"](#)
Cc: ["Walter Nelson"](#); ["Spencer Swayze"](#); ["Peter L. Schuerman"](#); ["McCutchen, Bill"](#); ["Karen Prihoda"](#)
Subject: seed of R07007
Date: Tuesday, May 13, 2008 7:32:00 AM
Attachments: [May 12, 2008 - Clint Johnson.pdf](#)

Clint:

We will send today (to the address on the attached letter) 15 pounds of . I'd recommend that you and Karen Prihoda (copied on this message and available at the number below) to make arrangements for shipping the seed. I don't want the seed lost.

Regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

May 12, 2008

Mr. Clint Johnson
Seed Production Manager
Ceres, Inc.
44741 S US Hwy 87
Happy, Texas 79042

Dear Clint:

Included in this shipment is 15 pounds of _____ from our program for you to use for pilot seed production this summer. This material is being transferred to Ceres under the terms of our joint agreement. If you have questions regarding any of this material, please don't hesitate to call me.

Regards,

William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee

cc: Peter Schuerman
Bill McCutchen
Walter Nelson
Spencer Swayze

Sorghum Breeding and Genetics
Department of Soil & Crop Sciences
2474 TAMU
Texas A&M University
College Station, TX 77843-2474

Tel. 979.845.2151
Fax. 979.862.1931
wlr@tamu.edu

From: [Bill Rooney](#)
To: ["Edgar Haro"](#)
Subject: space
Date: Wednesday, April 16, 2008 9:43:00 AM

Edgar:

After our discussions, I've looked at field space. I found a section of a field that will easily accomodate the 250 hybrids*2 reps*3 row plot. I will plan to put that in that field. We have access to irrigation if needed.

Since it is in another section, we don't have to worry about it affecting what we are now planting. So, I'll hold that field until we get your seed back from Mexico.

See you Monday.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Edgar Haro"](#); ["Walter Nelson"](#)
Subject: sweet sorghum proposal and visit
Date: Monday, March 24, 2008 1:02:00 PM

Edgar and Walter:

I'll see you at the airport tomorrow (CO 2031, arrives at 12:08 pm). I hope, by later this evening to send you a revised version of the sweet sorghum proposal.

We can discuss that proposal and the hybrid sweet sorghum seed.

Is there anything else that you need me to bring?

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"](#); ["Edgar Haro"](#)
Cc: ["McCutchen, Bill"](#); ["Avant, Bob"](#); ["David D Baltensperger"](#)
Subject: sweet sorghum proposal
Date: Monday, March 24, 2008 9:39:00 PM
Attachments: [Sw Sorg Breed Sup Proposal v 2.0.doc](#)

Walter and Edgar:

I've attached a revised proposal based on our discussions from several weeks back.

I look forward to discussing the proposal with you over the next few days.

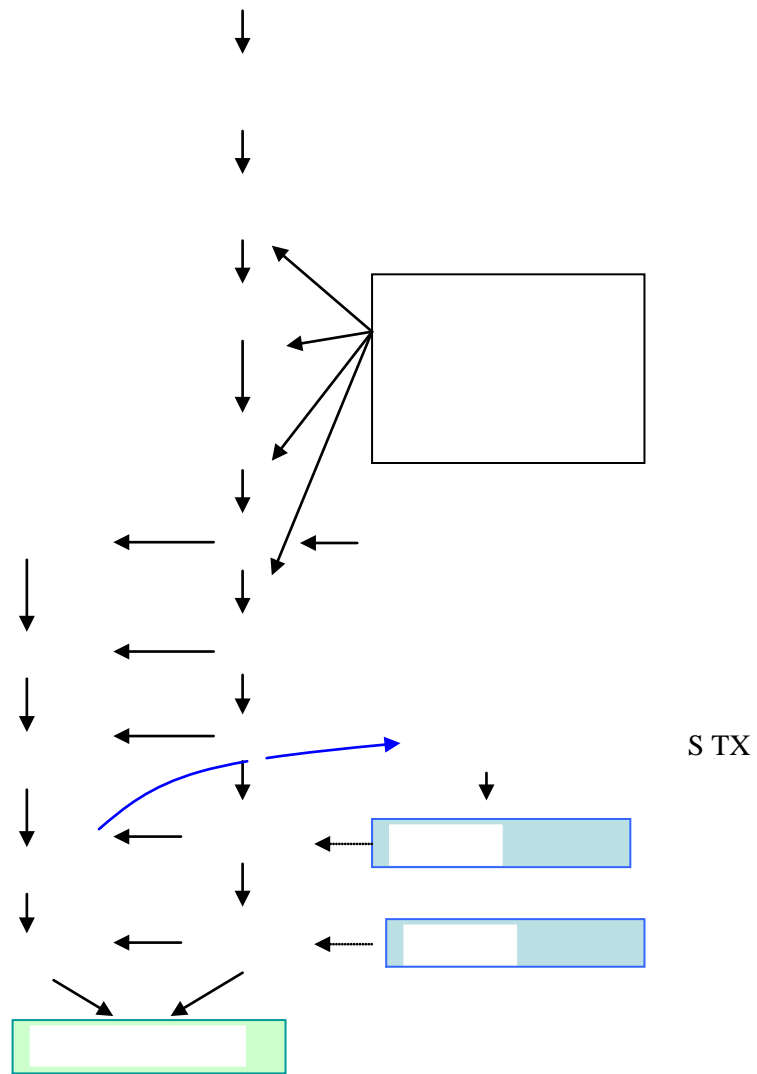
See you tomorrow to look at some sorghum.

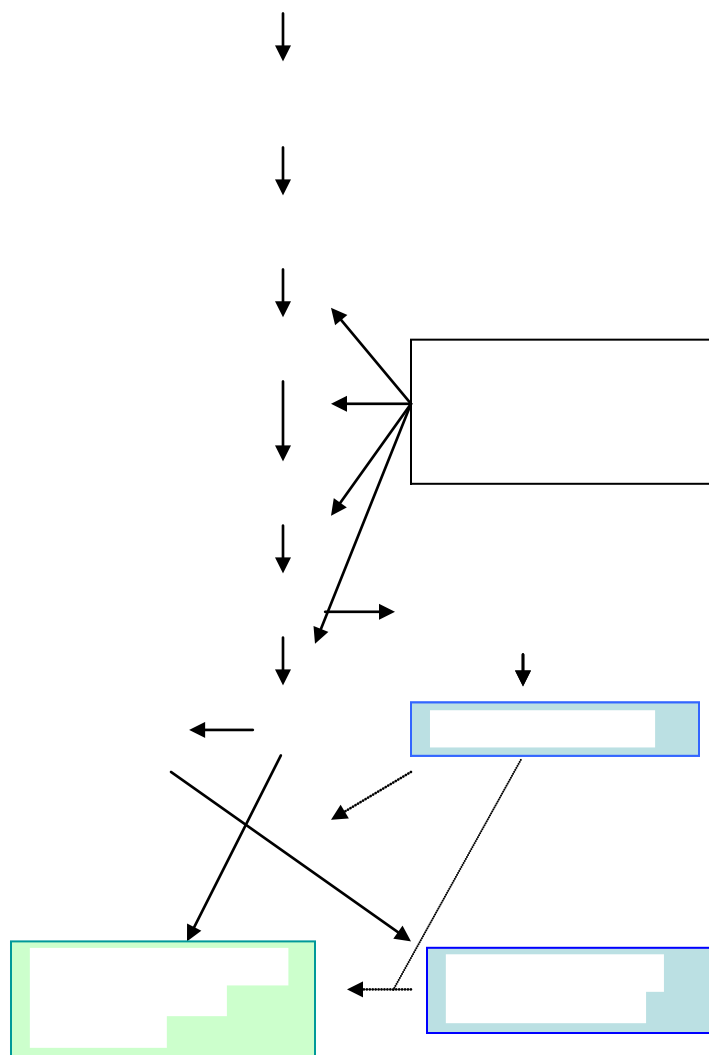
bill

Dr. William L. Rooney
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From: [Bill Rooney](#)
To: ["Peter Mascia"](#)
Subject: tropical storm likely
Date: Monday, August 04, 2008 6:58:00 AM

Pete:

We're expecting rain and some wind on Tuesday and Wednesday from the Tropical Storm in the Gulf.

Likely won't be good conditions for fieldwork. Any way to delay the trip?

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Walter Nelson"; "Bonnie Hames"](#)
Subject: use of the figures in attached presentation
Date: Friday, December 12, 2008 7:38:00 AM
Attachments: [Sorghum Composition TAMU_092408.ppt](#)

Walter and Bonnie

I'm preparing the preproposal for the CPBR (it's due today, so no real hurry). I would like to include the two figures that Bonnie provided to me earlier from a quarterly report, but I want to make sure that Ceres is agreeable to that. Can you let me know ASAP if I can present this information in the CPBR preproposal?

Also, I want to credit Ceres for the contribution of these figures but if I do, does that bias the competitiveness of the preproposal or does it matter at all?

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151





From: [Bill Rooney](#)
To: ["Clint Johnson"](#)
Subject: Visit
Date: Wednesday, October 15, 2008 12:30:00 PM

Clint

I'm up in Plainview working in our Halfway nursery. I was looking at the PS hybrid trials and thought you might be interested in seeing the material. I know you saw it in CS, but it is nice to see it up here.

I'll be in Hereford this afternoon but will be back Plainview this pm and would be available to meet you at the Halfway station around 9:30 tomorrow morning.

If interested, just give me a call on my cell . If you can't, that's fine as well.

regards,

bill

Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Chair, Plant Release Committee
Texas A&M University
College Station, Texas 77843-2474
979 845 2151

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#); ["Tanya Kruse"](#)
Subject: visiting scientists
Date: Wednesday, January 23, 2008 10:18:00 AM

Bonnie:

I have Abbey Pierson's resume, but I have not received anything yet from the second person who was going to visit. Can you have him/her send their information so I can get this process started?

regards,
bill

-----Original Message-----

From: Bonnie Hames [mailto:bhames@ceres-inc.com]
Sent: Thursday, January 10, 2008 6:33 PM
To: Tanya Kruse; Bill Rooney
Subject: RE: grind size, time and contamination questions

Hi Bill,

Thanks for the photos. They really tell me lot. Before our call next week there is one thing that I would recommend. Please check your Wiley mill for the correct gap between the blades. Whenever we sharpen the blades (about every two months) we place the new blades using a gap spacer tool at .275 mm. The blades should be sharp enough to cut a piece of paper. Copy paper can also be used to measure the gap. At the closest pass, one sheet of paper should fit snugly in the gap.

The longer particles that you see in your samples most likely indicate a gap larger than .3mm. The long, thin particles are seen when the samples stay in the mill so long that a significant number of them can orient themselves to pass lengthwise, through the 2mm screen. This can happen with dull blades or with large gaps between the hammer and the screen. We set our Retch mill gap at 0.33 mm.

The presence of the long, thin particles doesn't introduce a large error in the NIR, but it can significantly effect our ability to representatively sample at less than one gram for wet chemical analysis and conversion assays.

Also, one comment on acceptable cross-contamination between samples. For compositional analysis, if the contaminant is less than 0.5 percent of the dry weight of the whole sample, we won't usually see it as significant for composition or conversion analysis. What level of contamination is acceptable for your gene marker tests? Isn't it very important that samples be from a single plant?

Bonnie

Bonnie R. Hames, Ph.D.
Sr. Manager, Chemistry
Ceres, Inc.
1535 Rancho Conejo Blvd.
Thousand Oaks, CA 91320
phone: 1-805-376-6504 x1144

email: bhames@ceres-inc.com

fax: 1-805-498-6215

From: Tanya Kruse

Sent: Thursday, January 10, 2008 2:15 PM

To: 'Bill Rooney'; Bonnie Hames

Subject: RE: grind size, time and contamination questions

I think a quick phone call is in order so we can deal with this without bouncing too many e-mails around... Bonnie will be out of town/booked Monday through Wednesday. However, how does Thursday, Jan 17 at 12:00 PM west coast time sound? We can call your office line.

To give a brief comment to your questions though, we mill all of our material with a 2 mm screen. We'll want you to do the same so that we are all working with consistent particle sizes.

You haven't had problems processing those thick sorghum stalks in your Wiley? Something to discuss! As for milling only part of the sample, I would say that we definitely need to have a representative sample of the whole plant. If all of the bottom stalks are going in first, and the tops are last, then stopping in the middle would lead to a non-representative sampling of the whole plant. However, if the whole plant went into a chopper first, and you had a bucket-full of material, then you could grab representative handfuls of the whole plant from the bucket to mill to 2 mm with no problem.

When we see long stalks it usually means that our blades are either not aligned properly, or the blades are dulling. Of course, this is not the case with a hammermill, so we can discuss that further. I believe Bonnie has some data as to how much cross contamination is too much, so I'll let her reply to that problem.

On a side note, if you have any comments on the last e-mail regarding the composition lab and the 4 points mentioned there, we'd love to hear them.

Have a wonderful time in San Diego!

Tanya

-----Original Message-----

From: Bill Rooney [mailto:wlr@tamu.edu]

Sent: Thursday, January 10, 2008 10:51 AM

To: Tanya Kruse; Bonnie Hames

Subject: grind size, time and contamination questions

Tanya and Bonnie:

We are working on the logistics of balancing grind fineness, time it takes, sample size and cross contamination between samples.

I don't have time to ask all my questions and we probably need to have a conference call next week but we have been trying both the Wiley mill and the Hammermill. I've attached two different grinds coming from the Wiley mill and one from the Hammermill.

The Wiley Mill works very well and we can grind quite fine relatively quickly (see

samples attached). We have two mill fractions – Which is acceptable? Also, the Wiley mill is easy to clean – no problems there. We expect to process and bag 6-10 samples per hour, depending on sample and fineness and completeness of grind. When we put a sample in, we can generate a suitable size sample in two minutes, but not all of the tissue has passed through the sieve. It takes about twice as long to fully grind the sample. My question – is a subsample representative of the whole sample? If so, we can grind enough, clean up and move on.

The material from the hammermill has passed through a 1.5mm sieve, but because it is a crushing rather than a cut, there are some longer particle (see picture). Are these a problem in analysis? If we don't stop to clean out the mill everytime, we can process 15-20 samples per hour, but we are a little concerned about cross contamination on small samples (dry weight < .5 lbs) because the mill doesn't clean completely out and there is not enough of a sample to "wash" it. For samples >1 lb, it is working superbly. Do you have any experience with how much cross contamination is too much?

If it is easier to call, just call me next week. I'm leaving for San Diego this pm for a pre PAG meeting tomorrow.

Regards,

Bill

Dr. William L. Rooney
Sorghum Breeding and Genetics
Department of Soil & Crop Science
Texas A&M University
2474 TAMU
College Station, Texas 77843-2474
979 845 2151 (phone)
979 862-1931 (fax)

From: [Bill Rooney](#)
To: ["Bonnie Hames"](#); ["Tanya Kruse"](#)
Subject: visiting scientists
Date: Wednesday, January 23, 2008 10:18:00 AM

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From: Tanya Kruse

Sent: Thursday, January 10, 2008 2:15 PM

To: 'Bill Rooney'; Bonnie Hames

Subject: RE: grind size, time and contamination questions

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From: Bill Rooney [mailto:wlr@tamu.edu]

Sent: Thursday, January 10, 2008 10:51 AM

To: Tanya Kruse; Bonnie Hames

Subject: grind size, time and contamination questions

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Regards,

Bill

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