From: Brummett, Robert G.
To: Bill Rooney
Cc: Brummett, Robert G.
Subject: FW: our conversation regarding TAMU Sorghum Lines
Date: Monday, November 09, 2009 1:51:09 PM

Info on Pioneer's interest.

I'll clean up the list of lines we've previously sent in the now expired MTA, but it at the end of the attached if you want to go ahead and look.

I'm just going to draft the evaluation license referencing those lines only – they'll have to ask for anything else specifically if its not already in the list.

-RB

Robert Brummett,
Licensing Associate
The Texas A&M University System
Office of Technology Commercialization
3369 TAMU
800 Raymond Stotzer Parkway
College Station, TX 77845
(979) 862-3002 direct
(979) 204-0766 cell
(979) 847-8682 office
(979) 845-1402 fax
brummettr@tamu.edu
http://technology.tamu.edu

From: Rees, Krysta [mailto:[redacted]]
Sent: Monday, August 17, 2009 1:57 PM
To: Brummett, Robert G.
Subject: RE: our conversation regarding TAMU Sorghum Lines

Robert,

Please see the notes below from Kay Porter within Pioneer. Please let me know if this answers your questions.
Thank you!

Krysta

Krysta,

Thank you for your time this morning.

As we discussed, we need to know which lines from the MTA Pioneer wants to continue evaluation of.

We are continuing to evaluate the set of lines we received from Texas A&M. We didn't get a lot of information on traits and the number of lines is quite large so it is taking us some time to do the evaluation. We are trying to do the following:

1. Increase the lines so we have seed for evaluation.
2. Make hybrids with disease susceptible testers so we can evaluate the lines for resistance to various diseases including downy mildew, head smut, anthracnose, foliar diseases etc.
3. Identify promising lines for disease resistance traitsfrom the set of lines released based on hybrid performance.
4. Make newhybrids on elite parents to evaluate hybrids for yield and other agronomic traits and potential commercialization.
5. Compare hybrids made with TAM lines with hybrids made with elite Pioneer parental lines to identify hybrids with superior performance over commercial benchmarks (This process takes 1-2 years of testing.)

So far we are only as far as evaluating the most promising lines in hybrids.

Also as we discussed, we now do Material Transfer and Evaluation License Agreements for this type of agreement rather than a MTA.

Whatever agreement TAM wants to make is OK with us. We will always want to increase the lines and evaluate them for purity and other per se traits and then evaluate the lines in hybrid combinations and disease screening trials to compare them to our own proprietary inbreds and hybrids. Only if the TAM lines result in superior performance in hybrids will be have any interest in using them to make commercial hybrids.

Note: Typically TAM does not provide any information on hybrid performance and it may not mean much even if they did. We want to test the lines in combination with our own proprietary inbred parents to get a meaningful comparison to our own in-house developed parental lines and hybrids.

This type of agreement enables the transfer of material for evaluation only. A separate commercial license would need to be negotiated once the evaluation is complete. The evaluation license would include a fee, which is based, in part, on the lines involved. Once I have a better understanding of Pioneer's interests, I can draft a term sheet and we can proceed from there.

We understand that the agreement is for evaluation only which is OK. I believe we paid some up-front evaluation fee for this material and we are OK with that. That is acceptable if the fee is reasonable. TAM needs to understand that because of the limited information provided to us on the TAM released lines, we have to spend a significant amount of time and money in evaluating the lines to identify the useful ones. If the evaluation fee is too high, we would probably choose not to evaluate the material, especially if the fee is on a per line basis. In this case we're evaluating a large number of lines so a per line charge probably wouldn't make sense. I realize that this release is quite different than most releases but wanted to make that point.

TAM probably needs to consider a license option for private companies which would allow them touse the germplasm in breeding and development of new lines that would be proprietary to the company involved. Most lines may turn out to not make good hybrids so no commercial license would be wanted, but some lines could be useful from a trait standpoint and could be useful in our breeding program to derive new disease resistant lines for example, if the TAM lines have strong disease resistance or some other important traits.

Typically TAM provides very little information on the traits in large releases such as the one in this TRAC.Right now, a breeding option does not seem to be a part of the TAM agreements and should probably be included as an option as they revise their approach.
Also, could you let me know if there are any lines from the MTA that you know of that are already planned to be used for commercial purposes?
We have nothing far enough along in the evaluation process to allow us to make a decision on potential commercialization. My guess is that none of the lines will be useful as parents of commercial hybrids. Some may be useful as donor lines for disease resistance traits. Once we have those lines identified, we will need to approach TAM about a license to use the lines in breeding. We aren't quite there yet.
Please let me know if you need any additional information.

Best regards,
Robert

Robert Brummett,
Licensing Associate
The Texas A&M University System
Office of Technology Commercialization
3369 TAMU
1700 Research Parkway, Suite 250
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brummettr@tamu.edu
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Krysta Rees
Contract Specialist
Pioneer Hi Bred Int'l Inc.
7100 NW 62nd Ave.
P.O. Box 1014
Johnston, IA 50131
Voice: 515-727-7212
Fax: 515-270-3731
E-mail: [redacted]

From: Brummett, Robert G. [mailto:brummettr@tamu.edu]
Sent: Thursday, August 13, 2009 12:19 PM
To: Rees, Krysta
Cc: Hurley, Janie C.; Brummett, Robert G.
Subject: RE: our conversation regarding TAMU Sorghum Lines

Krysta,

Thank you for your time this morning.

As we discussed, we need to know which lines from the MTA Pioneer wants to continue evaluation of.

Also as we discussed, we now do Material Transfer and Evaluation License Agreements for this type of agreement rather than a MTA.

This type of agreement enables the transfer of material for evaluation only. A separate commercial license would need to be negotiated once the evaluation is complete. The evaluation license would include a fee, which is based, in part, on the lines involved. Once I have a better understanding of Pioneer's interests, I can draft a term sheet and we can proceed from there.

Also, could you let me know if there are any lines from the MTA that you know of that are already planned to be used for commercial purposes?

Please let me know if you need any additional information.

Best regards,
Robert

Robert Brummett,
Licensing Associate
The Texas A&M University System
Office of Technology Commercialization
3369 TAMU
1700 Research Parkway, Suite 250
College Station, TX 77845
(979) 862-3002 direct
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brummettr@tamu.edu
http://technology.tamu.edu

Texas Foundation Seed Service

Texas Agricultural Experiment Station

11914 Hwy. 70, Vernon, TX. 76384

940/552-6226 (O), 940/552-5524 (Fax)

Email rsbrown@ag.tamu.edu

May 4, 2004

Dr. Jaroy Moore
Resident Director
TAES
Rt. 3 Box 219
Lubbock, TX 79401-9757

Dear Jaroy,

Please find enclosed 2 original copies of the 'topcross' agreement (MTA) with Pioneer for the sorghum lines generated by Dr. Rosenow's program.

Pioneer has signed these agreements. If the information on schedule A is correct, please sign, ask Dr. Rosenow to sign, and return one original copy to Dr. Monk. Please send me an executed photocopy for my file.

This agreement has taken a long time to develop, but it now gives us a frame-work for other requests of this nature.

Please let me know if you have questions.

Kind regards,

Steve Brown

Cc: Dr. Mark Hussey

PIONEER HI-BRED INTERNATIONAL, INC.
RESEARCH AND PRODUCT DEVELOPMENT

SORGHUM RESEARCH
115 MEYER • P.O. BOX 97
TAFT, TEXAS 78390
PHONE: (~~512~~) 528-3575

361

April 28, 2004

Steve Brown, Program Director
Foundation Seed Service
11914 Hwy 70
Vernon, Texas 76384

Dear Mr. Brown,

Attached are two signed MTA agreements for a sorghum germplasm release including 500 lines from Dr. Rosenow's program. Thank you for working with us to make the material available.

Please let me know if you have any questions; I am hopeful that we can get the material in time to plant at Plainview.

Sincerely,

Roger L. Monk

Roger Monk
Research Scientist

MATERIAL TRANSFER AGREEMENT
Sorghum Germplasm

This AGREEMENT made this 9th day of February, 2004, by and between the Texas Agricultural Experiment Station, (hereinafter "TAES") and Pioneer Hi-Bred International, Inc., with headquarters at 400 Locust Street, Suite 700, Des Moines, Iowa 50309-2340, USA (hereinafter "RECIPIENT"; TAES and RECIPIENT, hereinafter the "PARTIES").

Whereas, RECIPIENT has requested a sample of the proprietary GERMPLASM listed in Schedule A, which is the property of TAES, and

Whereas RECIPIENT wishes to use said GERMPLASM for testing and evaluation of the GERMPLASM and in production of experimental hybrids,

TAES agrees to supply seed of said GERMPLASM to RECIPIENT'S Principal Investigator, and the RECIPIENT accepts and agrees to abide by the following terms of this AGREEMENT:

1. TAES is the originator of the GERMPLASM hereby transferred to RECIPIENT and has certain rights to the unreleased material(s). These rights are not waived with the transfer of seed or plant material but remain with TAES.

2. Evaluation of TAES GERMPLASM does not convey or imply any future rights or entitlement(s) to the RECIPIENT in the event that the GERMPLASM or an experimental line derived from GERMPLASM is released. Decisions regarding further propagation, release, or licensing of the materials(s) covered by this AGREEMENT are the sole right of TAES.

3. The RECIPIENT shall make no secondary distributions of the GERMPLASM without the written permission of TAES. RECIPIENT further agrees to protect the plant material(s) covered by this AGREEMENT from secondary distribution and/or unauthorized further propagation, distribution, or sale. RECIPIENT may sell co-mingled grain of GERMPLASM and hybrids generated therefrom for feed, food, and processing purposes.

4. GERMPLASM seed stocks provided to RECIPIENT may be increased and purified if necessary for use in evaluation of the GERMPLASM and in production of experimental hybrids.

5. TAES grants permission for evaluation of the GERMPLASM and experimental hybrids derived by using GERMPLASM in tests conducted under RECIPIENT'S control.

6. RECIPIENT agrees not to use seeds, plants or plant parts of the GERMPLASM as targets for transformation.

7. RECIPIENT agrees not to conduct mutagenesis, tissue culture, or molecular or cellular techniques with seeds, plants or plant parts of the GERMPLASM. For clarification, RECIPIENT may not analyze, isolate or sequence DNA of GERMPLASM including but not limited to gene cloning.

8. RECIPIENT may conduct research on this GERMPLASM and/or plant hybrids developed with TAES GERMPLASM and publish the results thereof without prior approval of TAES. RECIPIENT agrees to duly acknowledge the contributions of the TAES breeding program in the provision of the GERMPLASM in all such publications and agrees to furnish TAES with a copy of the manuscript or abstract disclosing such results not less than thirty (30) days prior to submission thereof to publisher for TAES' review and comment. If TAES determines that the proposed publication contains patentable subject matter, RECIPIENT agrees to delay publication an additional sixty (60) days for the purpose of filing patent applications.

9. The GERMPLASM may not be used for the purpose of breeding new lines or varieties. The GERMPLASM may be used for the purpose of creating experimental hybrids in combination with RECIPIENT lines and varieties, provided that such hybrids are used solely for purposes of testing and evaluation. Use of TAES material in any hybrid combination(s) for use other than testing and evaluation of these hybrids will require an additional License approved by TAES.

10. RECIPIENT agrees upon request to provide a report to TAES of the results and status of GERMPLASM evaluation and testing as covered under this AGREEMENT. TAES agrees to hold in confidence such report, to not disclose any portion of the report to any third party; and to use the report solely to monitor RECIPIENT's activity under this AGREEMENT. All research results remain RECIPIENT'S property.

11. The GERMPLASM is provided "as is" with no warranties, express or implied, including any warranty of merchantability, title or fitness for a particular purpose or any other warranty. TAES makes no representations or warranty that the use of the GERMPLASM will not infringe any patent or proprietary rights of third parties. Notwithstanding the above, TAES represents that in the development of GERMPLASM, TAES has respected the known proprietary rights of third parties, and that to the best of its knowledge, TAES has the right to provide GERMPLASM to RECIPIENT.

12. RECIPIENT will indemnify TAES, protect, defend, save and hold TAES harmless from and against any and all liabilities, incurred by or asserted against TAES of whatever kind or nature, arising from or occurring as a result of RECIPIENT's use, storage or disposal of GERMPLASM; provided that such liability is not the result of TAES' negligence or willful misconduct.

13. This AGREEMENT contains the entire understanding of the PARTIES and shall be amended only in writing agreed to by both PARTIES.

14. This AGREEMENT shall not be assignable or otherwise transferable by either Party without the prior written consent of the other, except PARTIES may, without such consent, assign this AGREEMENT to an affiliate or any purchaser of all or substantially all of the assets in the line of business to which this AGREEMENT pertains. Upon assignment, the rights and obligations under this AGREEMENT will be binding upon and inure to the benefit of said purchaser or successor in interest.

15. TAES Sorghum Breeding Program contacts are as follows:

Dr. Darrell Rosenow or Dr. Gary Peterson	Dr. Bill Rooney
Rt. 3 Box 219	2474 TAMU
Lubbock, TX 79401-9757	College Station, TX 77843-2474

16. RECIPIENT Principal Investigator shall be

Roger Monk

115 Meyer
PO Box 97
Taft, TX 78390-0097

Phone: (361) 528-3575
Fax: (361) 528-2811

ROGER.MONK@PIONEER.COM

The PARTIES hereby agree to the above terms by signing and dating below. After full execution of the AGREEMENT, GERMPLASM will be shipped to RECIPIENT's Principal Investigator. This AGREEMENT shall be terminated five (5) years from the date last signed below, or upon 60 days' written notice by either PARTY. Upon termination of this AGREEMENT, RECIPIENT agrees to return or verifiably destroy all seed stocks of GERMPLASM.

RECIPIENT:

Principal Investigator

Roger L. Monk Apr. 28, 2004
ROGER L. MONK Date
115 MEYER
TAFT, TEXAS 78390

RECIPIENT:
Authorized Representative

Kay S Porter Apr. 26, 2004
Signature Date

KAY S. PORTER
Printed Name

501 E. Pioneer Rd.

Plainview, TX 79072

Address

TAES:

Breeder transferring GERMPLASM:

_____ _____
_____ Date
_____
_____

TAES:
Department Head

_____ _____
Date

Printed Name_____
Address _____
_____

Please forward an executed copy to: Texas Foundation Seed Service
11914 Hwy 70
Vernon, TX 76384

From: Robert Harris
To: Bill Rooney
Subject: Fw: Preparationfor our talk.
Date: Monday, November 09, 2009 2:39:34 PM

I cannot believe this guy.

Bob
----- Original Message -----
From: Schuerman, Peter L.
To: Robert Harris ; McCutchen, Bill
Sent: Monday, November 09, 2009 2:58 PM
Subject: RE: Preparationfor our talk.

Bob, thanks for this. The problem I notice is the following:

4. NIC/SPK will be the exclusive and perpetual licensee for sorghum product and varieties developed by the University and that A&M will use its best efforts to develop same.

We can commit the sorghum we have now to a license, but we can't commit future varieties in this way. We need to consider each variety as it is developed.

If we develop new varieties and we have a successful partnership, undoubtedly we will want to license new varieties to NIC/SPK. And under sponsored research funding to develop these new varieties, we can provide rights to the sponsor in the sorghum that is developed. How would you like to proceed?

-Peter

From: Robert Harris [mailto:[redacted]]
Sent: Sunday, November 08, 2009 10:28 PM
To: Peter Schuerman; McCutchen, Bill
Subject: Preparationfor our talk.

Dear Peter and Bill,

Confirming our talk last week, we seemed to find basic general agreement on these key issues:

1. We will pay royalties on any product or sorghum variety which the IP is owned by the University and licensed to SPK/NIC. Such royalties will be based on the IP actually used by us in similar fashion to the oil we used (developed by Brandeis) in our Smart Balance products.

2. And fees or cash payments or contributions we make to A&M to help support research and sorghum development will not be related to the royalty payments to be paid by NIC/SPK.

3. Such contributions will be paid by our charitable foundation as pure research support to help you create healthful sorghum varieties and products - to be used in foods, drugs, nutraceuticals, etc.

4. NIC/SPK will be the exclusive and perpetual licensee for sorghum product and varieties developed by the University and that A&M will use its best efforts to develop same.

Since I promised to lay out our proposed royalties and contributions before our next talk so that we do not imply more than is practical or sensible, this is what we are open to do in order to lock up this agreement without further delay:

Basic Plan for Royalties

Based on pounds of sorghum bran or whole grain used in any foods, or any type of product the sorghums licensed by NIC/SPK, the IP of which is the property of A&M. Naturally, the formulations calling for the sorghum ingredient will dictate the absolute royalty paid - predicated on amount to be used per product and identified as such in any and all products marketed by NIC/SPK. In addition, any product of sorghum material sublicensed by NIC/SPK to a third party (as discussed last week), the amount of royalty will of necessity be less since we must administer and manage such programs (if in our judgment it is useful to sub-license third parties):

Direct Royalties:

No patent protection: 50-points per pound of sorghum used in direct formulations (in products marketed by NIC/SPK).
Patent Protection: 75 points per pound of sorghum used in direct formulations
Sublicense - no patent: 25 points per pound
Sublicense - patent protection: 50 points per pound

Contributions from CRH Foundation

2009 - $25,000 in one payment.
2010- 50.000 in two payments
2011- 50,000 in two payments
2012- 50.000 in two payments
2013 - 25,000 in one payment

We are scheduled for a conference call this Thursday, November 12 and can complete this negotiation at that time. It would be to our mutual advantage to start the development program in high gear - not only for your black sorghum program but also to develop a hybrid of sumac sorghum with higher antioxidant levels than the sorghum we now use so that we may replace it with a sumac hybrid and escalate the royalty payments to you.

Bob Harris

From:	Robert Harris
To:	Bill Rooney
Subject:	Fw: Preparationfor our talk.
Date:	Sunday, November 08, 2009 10:30:50 PM

----- Original Message -----
From: Robert Harris
To: Peter Schuerman ; McCutchen, Bill
Sent: Sunday, November 08, 2009 11:28 PM
Subject: Preparationfor our talk.

Dear Peter and Bill,

Confirming our talk last week, we seemed to find basic general agreement on these key issues:

1. We will pay royalties on any product or sorghum variety which the IP is owned by the University and licensed to SPK/NIC. Such royalties will be based on the IP actually used by us in similar fashion to the oil we used (developed by Brandeis) in our Smart Balance products.

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Patent Protection: 75 points per pound of sorghum used in direct formulations
Sublicense - no patent: 25 points per pound
Sublicense - patent protection: 50 points per pound

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Bob Harris

From: Schuerman, Peter L.
To: Bill Rooney
Subject: FW: questions about
Date: Tuesday, November 03, 2009 4:08:41 PM

FYI

From: Schuerman, Peter L.
Sent: Tuesday, November 03, 2009 4:06 PM
To: [redacted]
Cc: Hurley, Janie C.
Subject: questions about

Bob,

Thanks for your call. We'd be happy to help you out with your questions. If you could please send them to Janie Hurley (copied on this) she will coordinate with Bill Rooney to get you the answers.

Best regards,

-Peter

Peter Schuerman, Ph.D.
Director, Licensing and Intellectual Property
Texas A&M University System http://otc.tamu.edu
Office of Technology Commercialization 979.845.0907

From: Bishop, Edna V
To: Bill Rooney; Rooney, Lloyd
Cc: Norton, Roger
Subject: FW: scheduling meeting
Date: Wednesday, November 04, 2009 9:33:22 AM
Importance: High

Dr. Bill Rooney and Dr. Lloyd Rooney,

The meeting with Dr. Geraldo Eugenio Franca and Dr. Roger Norton has been confirmed for **Monday, November 23 at 3:30 pm**.

It will take place at **204C Coke Building**.

Please, add it to your calendars. Also, please, let me know if you have any questions.

Thank you so much.

Edna

From: Bishop, Edna V
Sent: Tuesday, November 03, 2009 4:26 PM
To: 'Bill Rooney'; 'Rooney, Lloyd'
Cc: Norton, Roger
Subject: scheduling meeting
Importance: High

Dr. Bill Rooney and Dr. Loyd Rooney,

Dr. Geraldo Eugenio França will be visiting Texas A&M on November 23, 2009. He is a former student and currently the Executive Director of Embrapa, a governmental agency in Brazil.

I am scheduling some meetings for him and would like to schedule a meeting with you both to discuss collaborations between Embrapa and Texas A&M. Dr. Roger Norton will accompany Dr. França to this meeting.

Please, inform me of your availability for a one hour meeting on the following times on **Monday, November 23**:

between 9:00 – 12:00 noon

between 3:30 – 5:00 pm

Thank you so much,

Edna

--
Edna Bishop
International Programs Office
Texas A&M University

204 Coke | 4251 TAMU
College Station, TX 77843-4251 | USA
Tel. +1 979.845.1299 | Fax. +1 979.845.6228
Email ebishop@tamu.edu | Web http://olap.tamu.edu

Welcome to Aggieland

From: Brummett, Robert G.
To: Hurley, Janie C.; Bill Rooney
Cc: Brummett, Robert G.
Subject: FW: Seed Request for Chromatin
Date: Monday, November 09, 2009 1:36:55 PM

See email stream below

Robert Brummett,
Licensing Associate
The Texas A&M University System
Office of Technology Commercialization
3369 TAMU
800 Raymond Stotzer Parkway
College Station, TX 77845
(979) 862-3002 direct
(979) 204-0766 cell
(979) 847-8682 office
(979) 845-1402 fax
brummettr@tamu.edu
http://technology.tamu.edu

From: Hurley, Janie C.
Sent: Friday, October 16, 2009 11:06 AM
To: Bill Rooney
Cc: Brummett, Robert G.
Subject: FW: Seed Request for Chromatin

Hi Dr. Rooney,

Please see the list of materials requested by Chromatin. It seems that several of these lines are the same as those committed to Ceres. Obviously available to them. Can you help me to clarify regarding these sweet A/B pairs? In particular, they list aren't these part of those being held for Ceres?

I understand that Bill Lyles has contacted Robert regarding the Chromatin interest and that they will meet on Monday. Maybe you could help Bill be prepared to separate out the Ceres-committed materials that we need to remove from the list in order to determine what may be provided in an MTA to Chromatin. As usual, we will need a disclosure form on those materials to be transferred that have not been previously disclosed.

Thanks again in advance for your help here.

-Janie

Janie C. Hurley, MBA
Sr. Licensing Manager

Office of Technology Commercialization
The Texas A&M University System
3369 TAMU
College Station, TX 77843-3369
Ph: 979-845-6337
Fx: 979-845-1402
http://otc.tamu.edu

From: Ken Davenport [mailto[redacted]
Sent: Thursday, October 15, 2009 4:59 PM
To: Hurley, Janie C.
Cc: Nelson, Michelle; Avant, Bob; [redacted] Greg Zinkl; [redacted]
Subject: FW: Seed Request for Chromatin

Hello Janie,

Subsequent to our visit to Texas A&M last month to meet with Bill Rooney, you and your AgriLife colleagues, Larry has made a determination on behalf of Chromatin as to specific sorghum germplasm we would like to access. You will note the e-mail message he sent to Messrs. Lyles and Rooney earlier today.

I am writing to request that the appropriate Material Transfer Agreement be sent to me with copy to our corporate counsel, Greg Zinkl, with whom you have been in contact regarding the Mutual Non-Discosure Agreement. I am assuming that there will be an access fee and that any commercial terms would be conveyed for our consideration were Chromatin to advance any or all of the germplasm it receives.

Since we intend to increase and evaluate this material in our winter nursery, time is somewhat of the essence. If you have any questions, please give me a call. I will be in the Chicago office tomorrow morning, but then heading for O'Hare to return home to Dallas for the weekend.

Best regards,

Ken

Kenneth G. Davenport, Ph. D.
Strategic Development
Chromatin Inc.
3440 S. Dearborn St., Suite 280
Chicago, IL 60616

+1.312.235.3619 (O)
+1.312.235.3611 (F)

+1.214.215.2984 (M)

From: Larry Lambright [mailto:[redacted]]
Sent: Thu 10/15/2009 3:37 PM
To: [redacted]; wlr@tamu.edu
Cc: Ken Davenport
Subject: Seed Request for Chromatin

Bill & Bill,
Based on the sweet sorghum and forage sorghum data you supplied as well as my visit to your trial site at Halfway, I would like to request the following inbreds for Chromatin:

When documents are in order and you are ready to dispatch the seed, please send this request to the following address:
Chromatin, Inc.
Rt.1, Box 63-2
951 FM 2301
Lockney, TX. 79241

Thanks in advance for your help.

Best regards,
Larry

_____

Larry Lambright
Lambright Consulting, LLC
5423 80th Street

Lubbock, TX 79424
806.773.1328
[redacted]

From: Vilma Ruth Calderon
To: Heinric
Cc: jyohe1@unl.edu; LLoyd Rooney; Rene Clara; Bill Rooney
Subject: Fw: Technology transfer
Date: Thursday, November 05, 2009 10:19:22 PM

Dr Heinrick

I hope you doing fine. I agreed with Ing. Rene Clara.

Our main objetive now is to transfer the thecnolgy of the utilization of Omega VI mills to small farmers and small food industries for flour production.We had now three mill prototypes made of wood, aluminun and metal for demostrations.

We also would like to continue with the transference of sorghum utilization for food and beverages through promotion and workshop development . We had great impact until now and people continue demanding training.

best regards

Vilma

----- Forwarded Message ----
From: Rene Clara [redacted]
To: Eheinric <eheinric@vt.edu>; Vilma Ruth Calderon <[redacted]>
Cc: dwlr@tamu.edu; Lloyd Rooney <lrooney@tamu.edu>; "jyohe1@unl.edu" <jyohe1@unl.edu>
Sent: Thu, November 5, 2009 8:05:17 PM
Subject: Re: Technology transfer

Dear Dr. Heinric,

I cannot open your atachment, please send it to me in word.

Can I send to you some proposals of technology transference in Spanish?

Some ideas of technology transference in Central América:

1 - We want to transfer seed of the improved varieties to the small farmers in Central America.
2 - We want to transfer in Central America the new varieties for silage with BMR genes, to improve
the milk production.
3 - We want to transfer the mills Omega VI to the bakers so that they could produce his sorghum
flour and mix it with that wheat flour in the making of bread, in El Salvador and Nicaragua.

Regards.

René Clará V.
INTSORMIL
Host Regional Coordinator

CENTA, Apdo. Postal 885,
San Salvador, El Salvador, C.A.
Tel. (503) 2302 0239 - (503) 7815 2238 cel.
Fax: (503) 2302 0239

E-mail: [redacted]

De: Eheinric <eheinric@vt.edu>
Para: Rene Clara <[redacted]>; Vilma Ruth Calderon <[redacted]>
CC: dwlr@tamu.edu; Lloyd Rooney <lrooney@tamu.edu>; "jyohe1@unl.edu" <jyohe1@unl.edu>
Enviado: jue, noviembre 5, 2009 1:52:32 PM
Asunto: Technology transfer

Rene and Vilma,

The attached document describing the new Technology Transfer project will be discussed at the INTSORMIL Program Advisory Committee Meeting in K.C. MO Dec. 3-4. During this meeting it is our objective to determine which technologies, developed by INTSORMIL, should be promoted with the additional funding received from USAID. Regional Coordinators will represent their region in this discussion but in the case that Bill or Lloyd cannot represent CA , I will. Thus, I want you to tell me which technology you would promote if you had the funding to do so. The criteria for selecting technologies is given in the attachment.

Thanks,

Short

E. A. "Short" Heinrichs
Assistant Director, INTSORMIL
Research Professor, UNL Entomology
Consultant, IPM CRSP
Secretary General, IAPPS
email: eheinric@vt.edu
Phone:402-805-4748 (Home)
402-472-6011 (UNL- INTSORMIL)
Skype: short62
IAPPS website: http://www.plantprotection.org/
UNL Ent. website: http://entomology.unl.edu/
INTSORMIL website: http://intsormil.org/

From: Brummett, Robert G.
To: Bill Rooney
Cc: Brummett, Robert G.
Subject: FW: Tr : My visit in College Station
Date: Monday, November 09, 2009 1:59:06 PM

Sud Cereales request below. I've sent them the material request form, but haven't got it back.

-RB

Robert Brummett,
Licensing Associate
The Texas A&M University System
Office of Technology Commercialization
3369 TAMU
800 Raymond Stotzer Parkway
College Station, TX 77845
(979) 862-3002 direct
(979) 204-0766 cell
(979) 847-8682 office
(979) 845-1402 fax
brummettr@tamu.edu
http://technology.tamu.edu

-----Original Message-----
From: Hurley, Janie C.
Sent: Thursday, October 29, 2009 11:41 AM
To: Brummett, Robert G.
Subject: FW: Tr : My visit in College Station

Robert,

Can you take care of this request, please?

Thanks,
Janie

-----Original Message-----
From: [redacted] [redacted]]
Sent: Wednesday, October 28, 2009 11:56 AM
To: Hurley, Janie C.
Subject: Tr : My visit in College Station

Dear Janie ,

I wonder if you received my mail , the address was not good .

Regards

Serge
----- Réacheminé par Serge CLAMENS/GROUPSUD le 28/10/2009 17:52 -----

Serge

CLAMENS/GROUPSUD

A

29/08/2009 16:25 JHurley@tamu

cc

wlr@tamu.edu

Objet

My visit in College Station

Dear Janie ,

On Monday 17 th of august , I had the pleasure to visit Bill Rooney sorghum nursery .

Bill showed me his advanced line nursery block where I have selected the earliest line to check their adaptation in french environment (my blooming maturity limit is for A/B line TX3042 + 4 days and for R line earlier than RTX7000)

Following the list of the lines selected that I would like to receive from Bill , please could you prepare the MTA and fee conditions to receive this germplasm .

Thanks for your help

Serge Clamens
Sud Céréales
Ferme de Loudes
11400 Castelnaudary
France

From: Glenda Kurten
To: Bill L Rooney
Cc: Mike Chandler
Subject: Fwd: Call for Nominations - 2009 Vice Chancellor"s Awards in Excellence
Date: Monday, November 02, 2009 9:14:27 AM

Here is the Vice Chancellor's info that Dr. Chandler is talking about.

You will have to pick through the correct forms.

Thanks,
Glenda

From:	Toni Beamon
To:	Doug Andrews; David Baltensperger; Gary Ellis; Lupe Landeros; Juan Landivar; Judy K Gully; Jeff Howard; Kevin Heinz; Martin Dickman; Leland Pierson; Ruben Saldana; jelliot@aged.tamu.edu; Michael J Bodenchuk; Thomas J Gerik; Floron Faries; Steve Whisenant; Ari Michelsen; Angela B Burkham; Brenda Rue; B. L. Harris; Charla Bading; Charles Long; Cheryl Mapston; Carol A Rice; Don Cawthon; Dale Fritz; Donald Kelm; Don Renchie; Elaine K Fries; emgreen@tamu.edu; Fuller Bazer; Frank Gilstrap; Galen Chandler; Gary Acuff; glaine@tamu.edu; Hurley Miller; John Carey; Joan Chandler; Joan I Jacobsen; Jett Major; Jeffrey Ripley; James Segers; John Sweeten; Jimmy Keeton; J. Michael Gould; Bill Holloway; John Walker; Luis Saldana; Ted Wilson; Linda Willis; Monty Dozier; Marvin Ensor; Montza Williams; Scott Durham; Neville Clarke; Nelson T Daniels; Neal Wilkins; Pete Murano; Ray Bader; Ramona Kellam; Rebecca Parker; Robert Richter; Ron Woolley; riskowski@tamu.edu; s-cummings@tamu.edu; Susan Ballabina; Tim D Davis; Thomas Lacher; Vincent J Mannino; Bill McConnell; allen.rasmussen@tamuk.edu; bog@tfs.tamu.edu; TBeckham@tvmdl.tamu.edu
Cc:	Clinton Allred; Darrell Bay; Danielle Galow; Dorothy See; Gina Konderla; Joe Cox; John Nichols; Kathryn Wythe; Lynette Huval; Lindsay Weaver; Marsha Kelly; Mary Francis; Mary Ruth Patranella; Peter Witt; Rodante Tabien; Rosie Schoenfeld; Sonya Stranges; Terrell Johnson; Vic Seidel; Walter Daugherity, CVMBS Search Advisory Cmte; Alice Blue-McClendon, CVMBS Search Advisory Cmte; Blanca Lupiani, CVMBS Search Advisory Cmte; Dan Posey, CVMBS Search Advisory Cmte; Evelyn Tiffany-Castiglioni, CVMBS Search Advisory Cmte; Eleanor Green, Dean - CVMBS; Gale Wagner, CVMBS Search Advisory Cmte; Louise Abbott, CVMBS Search Advisory Cmte; Noah Cohen, CVMBS Search Advisory Committee; Sandee Hartsfield, CVMBS Search Advisory Cmte; Stephen Safe, CVMBS Search Advisory Cmte; Theresa Fossum, CVMBS Search Advisory Cmte; Terry Stiles, CVMBS Search Advisory Cmte; bdouglass@dsmail.tamu.edu; Dawn Miles; R. Douglas Slack; Michael Davis; srobertson@poultry.tamu.edu; Ann Kenimer; a-wilson@tamu.edu; aaconchola@tamu.edu; akurk@tamu.edu; Alan R Sams; Bernadette Johnson; Bonnie McGee; bdouglass@tamu.edu; Bill Gibbs; blcotton@tamu.edu; Bill McCutchen; Clint Magill; cady@tamu.edu; cskaggs@tamu.edu; Donna Alexander; Darrell Dromgoole; Deanie Dudley; David W Forrest; Diane Gilliland; David K Lunt; Danielle Harris; dgalow@tamu.edu; Debbie King; David Reed; Elizabeth Gregory; Edwin Price; Ed Smith; Frank Castille; g-glenn@tamu.edu; g-hyden@tamu.edu; Gerald Smith; Greg D Reinhart; Johnny Fazzino; J-overhouse@tamu.edu; James Palincsar, CVMBS Search Advisory Cmte; j-slovacek@tamu.edu; Jodi A Sterle; Judy Young; Mike Chandler; Kyle Smith; karen-hodges@tamu.edu; Larry Boleman; Loretta Morse; l-palmer@tamu.edu; m-delisa@tamu.edu; Melanie A. Mattil; Mike McCasland; Megha N Parajulee; m-patranella@tamu.edu; Maryland Mitchell; Mark A Hussey; Saqib Mukhtar; Norma Pantoja; Nancye Penn; Patricia Gerling; Pete Gibbs; Patricia Reed; Ron D Lacewell; Susan Cooper; Sandra J Schultz; Stephen Schulze; Sharon West; sa-payton@tamu.edu; t-beamon@tamu.edu; Tim Davis; Teresa Gold; Tanya Gunnels; Tzachi M Samocha; t-shupak@tamu.edu; Urs Kreuter; Bill A Dugas; Wenwei Xu; zaner@tamu.edu; belinda.hughes@tamuk.edu; Award Chair - Texas Forest Service (Stacy Overby); jfisher@tvmdl.tamu.edu; smorris@tvmdl.tamu.edu; Guy Sheppard, CVMBS Search Advisory Cmte
Subject:	Call for Nominations - 2009 Vice Chancellor"s Awards in Excellence
Date:	Monday, October 12, 2009 2:09:57 PM

Please note, there has been a minor date change within the Guidelines - an updated version is attached for your reference.

CALL FOR NOMINATIONS

2009 Vice Chancellor's Awards in Excellence

Nominations are being accepted for the 2009 Vice Chancellor's Awards in Excellence Program. This awards program recognizes the commitment and outstanding contributions of faculty and staff within the Texas A&M University College of Agriculture and Life Sciences and the state agricultural agencies.

On behalf of Dr. Mark Hussey, the attached information outlines the call for nominations and is being provided for your use in seeking nominations from within your respective unit or agency.

All information is also available at the following website:

http://agrilife.tamu.edu/awards/excellence/index.php. Please note, the deadline for submission of nomination material is no later than 5:00 p.m. on Wednesday, November 4.

This is a great opportunity to identify and recognize the commitment and contributions of faculty and staff and we look forward to receiving your nominations. If you should have any questions or need further information, please feel free to give us a call.

Toni R. Beamon

Assistant to the Assistant Vice Chancellor for University and System Relations
and Assistant Vice Chancellor for External Relations
Vice Chancellor's Office
Texas A&M AgriLife
2147 TAMU
College Station, TX 77843-2147
Tele: 979-847-9066 Fax: 979-845-0181
E-Mail: t-beamon@tamu.edu
Website: http://agrilife.tamu.edu

From: C. Wayne Smith
To: Glenda Kurten
Subject: Fwd: Call for Nominations - 2009 Vice Chancellor"s Awards in Excellence
Date: Thursday, 15, 2009 11:28:13 AM
Attachments:

C. Wayne Smith
Professor, Cotton Breeding
Associate Department Head
Department of Soil and Crop Sciences
2474 TAMU
Texas A&M University
College Station, TX 77843-2474
979.845.3450
cwsmith@tamu.edu

>>> David Baltensperger 10/13/2009 11:27 AM >>>
FROM: Mike Chandler, Chairman Awards Committee
Department of Soil & Crop Sciences

TO: All Faculty 09

DATE: October 13, 2009

SUBJECT: 2009 Vice Chancellors Awards in Excellence

Please find attached the call for the 2009 Vice Chancellors Awards in Excellence nominations. Please note the due date of November 4, 2009. See nomination form for the numerous award categories. If you are planning on submitting a nomination please let me know.

We have several individuals in the Department of Soil and Crop Sciences that need to be nominated for these awards. Please take time from your busy schedules and nominate a fellow worker for one of the several awards available.

Nomination Form
2009 Vice Chancellor's Award in Excellence Program

NOMINEE (or name of team)_____
(Dr./Mr./Mrs./Ms.) *(First Name, Middle Initial, Last Name)*

DEPARTMENT, CENTER, UNIT OR DISTRICT_____

AWARD CATEGORIES *(Check only one)*

Teaching Awards
__Undergraduate teaching
__Graduate teaching
__Student counseling and relations
__Graduate student teaching

Research Awards
__Research (on campus)
__Research (off campus)
__Research team
__Graduate student research (on/off campus)

Extension Education and Service Awards
__Agriculture and natural resource programs
__Family and consumer sciences programs
__4-H & youth programs
__Specialist serving state, region, or county
__Extension team

Support Personnel Awards
__Administrative support (on campus)
__Clerical support (on campus)
__Clerical/administrative support (off campus)
__Research support (on campus)
__Research support (off campus)
__Technical/Extension support (on campus)
__Technical/Extension support (off campus)

Professional Services Awards
__Special Services
__Forester (Texas Forest Service)

Partnership Awards
__System Academic Partnership
__Industry/Agency/University/Association

__Diversity Award

__International Involvement Award

__Administration Award

NOMINATOR _____

NOMINATOR'S MAILING ADDRESS_____

NOMINATOR'S PHONE # _____ **E-MAIL** _____

DEPARTMENT OR UNIT NAME _____ **DATE** _____

CHECK-LIST FOR A SUCCESSFUL NOMINATION (√)

___Nomination form *(use prescribed form provided on award website)*
___Vita Form *(use prescribed form provided on award website; limited to 2 pages for individual award or 4 pages for team award)*
___Publications List *(required for research nominations; optional for teaching, extension, partnership and diversity nominations; use prescribed form provided on award website)*
___Letter of nomination *(2 page limit; from department head, unit administrator or awards committee chair)*
___Letters of Support/Recommendation *(no more than three letters; one-page maximum each)*
___Compile nomination in order as listed above *(nomination form, vita form, publications, letter of nomination, letters of support)*
___Save in one file (.PDF file format) as follows: Award Category-Name of nominee.pdf *(Research-John Jones.pdf)*
___SUBMIT ONE (1) ELECTRONIC FILE TO VCoffice@ag.tamu.edu no later than noon on Wednesday, November 4.

(NOTE: Late applications or changes in the nomination package after the deadline are not permitted. Separate attachments such as resumes, biographical information or publications should not be included and will not be considered.)

PUBLICATIONS LIST FOR INDIVIDUAL AWARD NOMINATION [Required for research nominations; optional for teaching, extension, partnership and diversity nominations]

- A selective list of no more than twelve [12] key publications authored or co-authored by the nominee during the past five (5) years must be included for research nominations; publications are optional for teaching, extension, partnership and diversity nominations.

- May include publications published or in-press; refereed scientific journals; publications from invited papers, unpublished presentations or invited presentations; agency/unit publications, progress reports, and presented and published abstracts; and theses and dissertations of graduate students.

- List in chronological date order (2009, 2008, 2007…); **BOLD** the author/nominee's name.

- Publications list should be **presented in 12-point font and is limited to one [1] page.**

[NOTE: INFORMATION SHOULD BE PRESENTED IN 12-POINT FONT; PUBLICATIONS LIST IS LIMITED TO 1 PAGE]

From: Travis W Janak
To: wlr@tamu.edu
Subject: Fwd: Chris Lein
Date: Sunday, November 01, 2009 7:11:09 PM

Dr. Rooney,

Attached is an email from Chris Lein, CEO of United Growers in Calilfornia, who I met at a Jatropha conference last year. He is interested in planting a lot of sweet sorghum in some other tropical countries where they are currently planting jatropha. I believe he is specifically interested in the quote below from and A&M publication about producing potassium from vinasse. I didn't know if you would be interested or could refer him to someone who would know more about this.

Thanks,

Travis Janak
Extension Assistant
Biofuels and Weed Science
Texas AgriLife Extension
979-845-0884
tjanak@ag.tamu.edu

>>> Chris Lein <[redacted]> 10/30/2009 4:10 PM >>>
Travis,

Can you please facilitate an introduction to the head of the program looking at Sweet Sorghum. We have multiple projects (several hundred

thousand hectares) on which we can execute. We're very interested in

Texas A&M's work with Sweet Sorghum and with potential by-products that can be produced from the plant.

Of particular and immediate interest is validating, and referenced from a paper:

The third feedstock scenario (Corn) uses only corn and serves as a base for comparing the sweet sorghum scenarios. In the first two scenarios,
sweet sorghum ethanol production received an added benefit from the generation and
sale of excess green electricity from bagasse and the sale of potassium fertilizer,
derived from the vinasse. Vinasse was assumed to accumulate at a rate of one gallon (9
pounds) per gallon of ethanol produced (or 4 pounds of potassium). Sweet sorghum alcohol
production was estimated to generate 70 kWh of electricity per ton of bagasse,
based on the electricity production from sugarcane bagasse (Brandao 2008).
Processing sweet sorghum into ethanol is estimated to consume 15.5 kWh per ton, leaving
a surplus of green electricity for sale in the SSM scenario and

reducing the energy
cost in the SS + Corn scenario.

ref:

Economic Feasibility of Ethanol Production from Sweet Sorghum Juice in Texas
Brittany D. Morris et. al,
Agricultural & Food Policy Center
Department of Agricultural Economics, Texas A&M University
2124 TAMUS
College Station, TX 77843-2124
979-845-5913
brittany-morris@tamu.edu

If we could set up a call for this weekend or Monday it would be very

helpful.

Sincerely,
Chris

Christopher Lein
CEO
The United Growers Company
15400 Meridian Road
Salinas, CA 93907

831-269-3048 - direct
925-628-3500 - mobile
925-270-0747 - Skype
831-417-2548 - fax

http://www.unitedgrowers.com

The United Growers Company (UGC) designs, builds and turn-keys biofuel/

biomass feedstock operations known as UGC Greenfields. Our headquarters is in the world renowned agricultural center of Salinas,

California.

UGC Greenfields are individually tailored to exploit the unique characteristics, and to overcome the specific challenges, of their growing environment. Our vertically integrated and comprehensive solutions include site selection, plant material, farm establishment and the appropriate level of mechanization required to achieve optimum

performance and to deliver commercial levels of sustainable energy.

From:	John Mullet
To:	Bob Avant; Bill McCutchen; Bill Rooney; Stelly_David_Stelly; Patricia Klein
Cc:	David Baltensperger
Subject:	Fwd: IBERS visit
Date:	Tuesday, November 03, 2009 4:55:41 PM

The group from IBERS that works on Miscanthus (in collaboration with Ceres) would like to meet with us on Friday, Nov. 13th in the morning. Bill Rooney will be out of town, but he asked that David Stelly take the lead on wide hybrid discussions if Dave is in town.

Bill and Bob, do we to develop an NDA? If so, can this be done before Nov. 13th? They will be in CS on Nov 10-12 for discussions with Ceres.

This visit we might work towards a joint project if everyone agrees this is useful. Not sure where funding would come from, but there might be a European angle on this one.

Bob, does you want to take the lead on further contacts at this point?

Thanks,

John

Begin forwarded message:

From: "Iain Donnison [isd]" <[redacted]>
Date: November 3, 2009 3:50:09 PM CST
To: "jmullet@tamu.edu" <jmullet@tamu.edu>
Subject: IBERS visit

Dear John
To follow up on our conversation last week, the IBERS group (and their expertise) that will be in College Station next week will be:
Iain Donnison
John Valentine (energy crop breeder)
Kerrie Farrar (Miscanthus morphology)
Paul Robson (Miscanthus plant architecture and resource use)
Elaine Jensen (Miscanthus flowering time)
Gordon Allison (lignocellulose composition in energy grasses)

We will if is OK arrive on the Friday (13th) morning - when would be a convenient time.
From our conversation last week, topics for discussion could include:

Best regards
Iain

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
Dr Iain Donnison
Biorenewables & Environmental Change Division Leader
Institute of Biological, Environmental & Rural Sciences (IBERS)
Aberystwyth University
Gogerddan
Aberystwyth
SY23 3EB
Tel. 01970 823092
email. [redacted]
<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<

From: John Mullet
To: Stelly_David Stelly
Cc: Bill Rooney
Subject: Fwd: IBERS
Date: Sunday, November 01, 2009 10:11:11 AM

David,

The IBERS group that is working on Miscanthus will be visiting on Nov. 13th. Did you meet with them during their first visit? In any case, the group (6) would like to meet and discuss possible collaborations including wide hybridization opportunities on Nov 13th morning (they fly out from Houston Friday pm). If you are available (Bill will be in Illinois), and you and Bill have time to discuss what you want from them then we can move this along. We may need to get an NDA in place.

Are you available on Nov 13th?

Thanks,

John

Begin forwarded message:

From: "Bill Rooney" <wlr@tamu.edu>
Date: October 31, 2009 6:12:36 PM CDT
To: "'John Mullet" <jmullet@tamu.edu>
Subject: RE: IBERS

John

Yes, I think that it is important to have access to Miscanthus that is not restricted. It is probably worth pursuing, at least initially until we know the cost.

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: John Mullet [mailto:jmullet@tamu.edu]
Sent: Saturday, October 31, 2009 10:48 AM
To: Bill Rooney
Cc: Stelly_David Stelly
Subject: Re: IBERS

Bill,

I talked to Iain at the IPMB congress in St. Louis this week. He wants to meet to discuss possible collaborations on [redacted] on Friday Nov. 13th. I will try to get something organized. Maybe David Stelly can give them an update on wide hybrids if you and he agree.

Are you still interested in developing a way to access IBERS germplasm? If so, lets get Brian involved.

John

On Oct 27, 2009, at 9:00 AM, Bill Rooney wrote:

Ian:

I don't know if John has responded, but I'm scheduled to be in Illinois on Nov 12 and 13. Therefore, I will be unavailable for meeting at that time. If John is available, he can certainly represent the TAMU program activities.

Regards,

Bill

From: Iain Donnison [isd] [redacted]
Sent: Thursday, October 22, 2009 12:48 PM
To: Bill Rooney; John Mullet
Subject: IBERS

Bill, John

A group of us from IBERS at Aberystwyth University will be at College Station on 12th November to meet with Ceres at their field station. Would either of you or your colleagues find it useful to catch/ pick up on some of the discussions we had last year? We can book our return flight out of Houston for the evening of 13th November and so could call into TAMU during the morning or early afternoon if this was convenient and useful?

Best regards
Iain

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
Dr Iain Donnison
Biorenewables & Environmental Change Division Leader
Institute of Biological, Environmental & Rural Sciences (IBERS)
Aberystwyth University
Gogerddan
Aberystwyth

SY23 3EB
Tel. 01970 823092
email. [redacted]

From: Eheinric
To: wlr@tamu.edu
Subject: Fwd: Technology transfer
Date: Thursday, November 05, 2009 2:08:18 PM

Rene and Vilma,

The attached document describing the new Technology Transfer project will be discussed at the INTSORMIL Program Advisory Committee Meeting in K.C. MO Dec. 3-4. During this meeting it is our objective to determine which technologies, developed by INTSORMIL, should be promoted with the additional funding received from USAID. Regional Coordinators will represent their region in this discussion but in the case that Bill or Lloyd cannot represent CA , I will. Thus, I want you to tell me which technology you would promote if you had the funding to do so. The criteria for selecting technologies is given in the attachment.

Thanks,

Short

E. A. "Short" Heinrichs
Assistant Director, INTSORMIL
Research Professor, UNL Entomology
Consultant, IPM CRSP
Secretary General, IAPPS
email: eheinric@vt.edu
Phone:402-805-4748 (Home)
402-472-6011 (UNL- INTSORMIL)
Skype: short62
IAPPS website: http://www.plantprotection.org/
UNL Ent. website: http://entomology.unl.edu/
INTSORMIL website: http://intsormil.org

INTSORMIL Market-led Technology Transfer Activity Development Plan

I. Introduction

USAID raised the INTSORMIL authorization ceiling from $9,000,000 to $12,900,000 for the period of September 30, 2006 to September 29, 2011. USAID requested that the additional funds be used for new projects and suggested (1) Impact assessments, (2) Communication and publicity to report impact and success stories and (3) Technology transfer activities to spread key INTSORMIL technologies. Thus in the 2009 -2010 (Yr 4) and 2010-2011 (Yr 5) budget the ME has allotted $215,000 per year specifically for the technology transfer activities. In order to obtain our 2009-2010 funding we had to submit a Technology Transfer plan including budget without INTSORMIL PI input due to time restrictions and we selected a project in Southern Africa. Please note that this is just an example. Now, with the input of INTSORMIL PIs, we need to develop a plan to as to how we will conduct the technology transfer activities. This includes (1) A plan to identify the key technologies to be transferred with these funds (one or more from all of the individual and regional projects) and (2) A guide to follow in developing proposals for implementing the technology transfer activities. Below, we have suggested some criteria for selecting key technologies and some components to be included in a technology transfer workplan.

II. Criteria for selecting technologies for transfer

1. Relevant and applicable to major constraints at the selected site

2. Current status of technology
   - Tested and available for transfer
   - Already under transfer on a small scale

3. Potential for success
   - Favorable governmental policies
   - Existing farmers groups/cooperatives/ village associations/food processor associations
   - Markets available to handle increased production
   - Technology that is easily disseminated, adapted and scalable (likelihood of adoption)

4. Technology that will leverage development in other innovations.

5. Integrated farming system technologies e.g. ICM, ICSWM, IPM

6. Environmentally sound

7. Sustainable (agronomically, ecologically, economically) (likelihood of continuing without INTSORMIL support)

- ♦ Local support and interest
- ♦ Government support
- ♦ Markets

8. Farmer empowerment

8. Have impact in two years

9. Magnitude of expected benefits

- ♦ Improve food security
- ♦ Reduce poverty
- ♦ Improved management of natural resources
- ♦ Improved nutritional status of humans, livestock and poultry
- ♦ Achieving 4.5.2 Ag Sector Productivity and IEHA indicators
  - Number of potential ha under the new technology
  - Potential number of farmers adopting the new technology
  - Potential kg/ha increase
  - Potential income/ha increase
  - Potential cost of production/ha decrease
  - Number of rural households that can benefit from the new technology
  - Number producers organizations, food processing groups, farmer groups etc. benefiting from the technology
  - Number of agriculture-related firms benefiting directly from the technology
  - Number of women's organizations/associations to be assisted as a result of the new technology
  - Number of individuals who will receive short term agricultural sector productivity training

III. Implementing Selected Technology transfer activities

- ♦ Establishing baselines for impact assessment studies
- ♦ Technology Marketing
  - Preparing information-educational materials
  - Transmitting information through mass media
- ♦ Potential partners as technology transfer agents (select one or more)
  - National Extension Services

- Employ a consultant (private or National Program employee on contract)
- NGOs
- Foundations
- Community/farmer- based organizations
- Agribusiness enterprises
- Input dealers
- Private sector

♦ Implementation of on farm demonstrations/food processor incubator groups etc.

♦ Training activities
- In field training
- Workshops
- Demonstration plots
- Field days

♦ Monitoring and Impact Assessment (via Impact Assessment projects)

♦ Publicity (by communications project)

INTSORMIL Management Entity

John Yohe, Program Director

E. A. "Short" Heinrichs, Assistant Program Director

11/05/2009
File:EMy docs 1/I*NTSORMIL Program workplan/Tech Transfer PlanR*
File: *Desktop/Tech transfer plan*

From: Lloyd Rooney
To: wlr@tamu.edu
Subject: Fwd: Winrock proposal
Date: Wednesday, November 11, 2009 8:48:39 AM

This is the WINROCK proposal that was granted and Eliana Pinella, MSci student wll be working on it. She is fluent in spanish and a MS student with one year experience with Kelloggs R&D. LWR

From: Pamela Littlejohn
To: Eliana Pinilla
Cc: Lloyd Rooney
Subject: Winrock proposal
Date: Monday, November 09, 2009 3:35:34 PM

---

attached, from Dr. Rooney.

From Vilma Review 8/12/09
Printed
Recd 8/11/09

Winrock International
John Ogonowski El Salvador Farmer-to-Farmer Program
Funded by the U.S. Agency for International Development
Request for Technical Assistance
Scope of Work (SOW)

Sorghum Utilization and Marketing

Partners Country Organization Information

1. Name:	National Center for Agriculture Technology (CENTA)/ INTSORMIL (The Sorghum and Millet and Other Grains Collaborative Research Support Program)
Street Address:	km 331/2 Carretera a Sta Ana
City:	San Andres
Department:	La Libertad
State/Oblast:	El Salvador
Telephone:	(503) 2302-0200
Fax:	(503) 2302-0294

Is this a repeat organization? Yes
Partner Type: Government Institution
Hosts to be assisted:
Food Industries, Farmers, NGO's members and CENTA'S customers project clients.

Name and Position of Contact Person
Name: Vilma Ruth Calderón de Zacatares
Title: Research Assistant
Gender: Female
Cell: (503) 7115-7181
Email: vilmaruth02@yahoo.com

Assignment Information

Number and Expertise of Volunteer Experts Requested:

The volunteer should have knowledge and skills related with food processing, food analysis, cereal processing, and knowledge of grain milling equipment, economic analysis tools and business / projects management that will help to analyze the economic conditions and help to design an improved strategy of business. He/she should be able to point out the necessary steps in order to assist farmers, food industries personnel, NGO's; students and others, to contribute to the transformation of sorghum from subsistence crops to value added crash crops and analyze the economy of the business / project.

Duration and Dates of Assignment (including travel):
The proposed dates to carry out the assignment are about two (2) weeks starting at beginning of February ~~or mid February~~ 2010.

Executive Summary

Prices of many basic foods skyrocketed in 2008 resulting in a major food crisis that affected millions of poor people throughout the world. The causes of the crisis are many and complex. An increasing demand for food and energy at a time of low food stocks, poor harvest and weak credit has to lead to record prices for food and oil. This situation provide an excellent opportunity for regional research institutions to improve food security, enhance farm income and improve economic activity, promoting sorghum utilization for food as a substitute for wheat and other cereals in baked products, ethnic beverages and nixtamalized products.

Scientific Research developed by CENTA with INTSORMIL/USAID support since 2003; has been leading efforts to promote profitable markets, asses economics, and facilitate the evolution of a production supply chain that deliver quality grain to end user for food utilization and feed. Recent INTSORMIL research on the nutritional benefits of food sorghums forms a strong base to enable the processing and commercialization of sorghum varieties. New varieties developed by CENTA scientists, with excellent food quality have been effectively used in many food products to extend the substitution of wheat flour, snack foods, and related products where the bland flavor and light color have real advantages.

Major activities of this project include the utilization of sorghum as a substitute for costly wheat flour in a wide array of foods. Other objectives are facilitate the growth rapidly expanded markets for sorghum products by providing information (skills or know-how) on nutritional properties, processing quality, food manufacturing processes and milling equipment with improved efficiency and prototype products using sorghum as an ingredient or major component. Other main objective is to develop procedures to use low cost grinders (Omega VI) designed by Compatible Technology International (CTI) to mill sorghum into flour for use in a wide variety of products providing practical technical assistance and information on flour quality for end users.

With this assignment, Farmer to Farmer Program could provide the necessary tools and basic knowledge for entrepreneurs, farmers, NGO's and other interested, and improve the economic analysis to set up or manage business in the Ag sector.

Background and Partner Organization Profiles

CENTA

For further information about CENTA's activities and information please visit:
http://www.centa.gob.sv

CENTA founded in 1977. Is a semi autonomist government institution with a unique mission: the technology generation and transference in the agricultural sector to solve all the problems and constrains from farmers in the different producing areas.

CENTA's main objectives are to reduce poverty and improve economic situation of farmers and other people related to the agricultural sector, providing and promoting technical assistance, training and information on crop production, supply chain management, processing technologies, marketing, laboratory analysis, services and related matters.

CENTA's customers are producers, industries, small, medium and big farmers, exporters requesting technical assistance and services covering a great range of sectors: agriculture crops (cereals, fruits and vegetables) food and beverages, chemical and pharmaceutical, textiles and many others.

Objective of the assignment:

Facilitate the growth of rapidly expanding markets for sorghum products by providing skills, training on processing quality, processing technology, food manufacturing processes (artisan) with improved efficiency and assistance in product development using sorghum as a major ingredient.

Tasks to be performed (by the volunteer):

- Assist people in food manufacturing processes (GMP)
- Provide Technical assistance for grain and flour quality and milling equipment uses
- Assistance in product development prototypes using sorghum as major ingredient
- Enhance product marketability
- Assist with economic analysis tools and business management

Proposed schedule

No.	*Activity*	*Place*	*Dates planned*
1			
2			
3			
4			
5			
6			
7			

Deliverables:

1. A procedure manual and sorghum product recipes

Estimated Number of Beneficiaries:

The total amount of beneficiaries:

Direct Female:	300	Indirect Female:	100
Direct Male:	150	Indirect Male:	50

Working/Living Conditions and Materials Needed for Assignment:

In San Salvador Metropolitan Area the volunteer will be lodge in:
Santa Elena Hotel
Boulevard y Urbanización Santa Elena
Calle Cerro Verde Pje. #10,
Antiguo Cuscatlán, La Libertad,
Tel. 22 47 78 77, Fax 22 78 17 18
E-mail: hotelsantaelena@telesal.net
Website: www.hotelsantaelena.com

Lodging daily rate for Winrock volunteers are US$ 47.20 (taxes and complete breakfast included). Other services are: AC, cable TV, private bathroom, hot water and telephone in the room, 24 hrs security and internet access in the Hotel computer free. There are many restaurants and coffee shops around the area (5-10 min walking). The hotel has a laundry service. Warnock's office is located in the FUSADES building one block from the Hotel and three minutes walking from US Embassy in Santa Elena sector.

In January/February Santa Elena sector' temperature is around 28-30ºC (Celsius degrees). Antiguo Cuscatlán, where is located the hotel, is in a fresh area because it is surrounded by trees, coffee plantations and natural forest. The altitude is 900 meter sea level (msnm). We recommend bringing mosquitoes repellent, like B12 vitamin for the city and the field areas. Other insects are no problem, unless the volunteer is allergic to them.

CENTA's office is located at km 331/2 road to Sta Ana. Driving is 20 min in far from the Santa Elena Hotel. CENTA's personnel has free transportation from San Salvador two ways.

If the volunteer would like to visit some places on weekends around the country such as lakes, rain forest, arqueological sites, beaches, volcanoes, coffee areas, we have a special agreement with a tourist operator called "Calle Real" for further information please visit this web page: www.senderoselsalvador.com . If you want to arrange a weekend trip do not hesitate and contact in advance to Winrock El Salvador Office to estrellachavez@yahoo.com (Estrella Chavez, Technical Assistant Farmer to Farmer Program).

End of Assignment Report Required:

At the end of the present assignment and prior to departure for the US, the volunteer should write an end of assignment report highlighting major activities and further recommendations for our partners. The report should include the objectives of the assignment, tasks performed and indicators to assess the level of implementation of the volunteer recommendations. Volunteers personal assessment as to any recommendations as to the continuation of activity with partners, and follow up assignments should also be included in the report.

Assignment Information (for Program Management)

Date SOW sent to HQ: XX
Is there a local partner organization collaborating on this assignment? Yes

Partner Country Organization Information
1. Name:
Street Address:
City:
Department:
State/Oblast:
Telephone:
Fax:
Is this a repeat organization?
Partner Type:
Hosts to be assisted:
CoExport members and project clients.

Name and Position of Contact Person
Name:
Title:
Gender:
Cell:
Email:

Suggest previous volunteers or EOAs that potential recruits should contact: n/a

Resources to be Contributed by the partner:

Driver:	# of Days (14)	Estimated Value in $U.S.
Interpreter	# of Days (14)	Estimated Value in $U.S.
Lodging:	# of Days ( )	Estimated Value in $U.S.
Meals:	# of Days ( )	Estimated Value in $U.S.
Transport	# of Days (14)	Estimated Value in $U.S.
* Other:	# of Days (5)	Estimated Value in $U.S.

* include: seminar costs in a local Hotel (meals, breaks, materials, and rooms), office space and supplies, local telephone use, fax, internet, local cell phone, computer use, others.

Total $U.S.

Estimated Lodging Costs *(not applicable to all countries):*
San Salvador: Hotel Santa Elena:

ASSIGNMENT INDICATORS

Types of Volunteer Assistance (required)*:
❑ Business/Enterprise Development

Commodity Chain Activities (required)*:
❑ Support Services

Assignment Focus

❑ Other

USAID Impact Indicators	Baseline data
Net Income ($)	*TBD*
Sales ($)	*TBD*
Organization Revenue ($)	TBD
Number of Members	90
Productivity (Yield)	*TBD*
Area Covered by Improved Natural Resources Management (ha)	N/A
People with Improved Environmental Services	*N/A*
For financial service providers only:	
Volume of Transactions	*TBD*
Capital	*TBD*

From: Borden, Dustin Ross
To: bill ronney
Subject: ps tc
Date: Friday, November 06, 2009 2:13:33 PM

Dustin Borden '07
Research Assistant
Sorghum Breeding and Genetics
Texas A&M University
College Station, TX 77843
(979)845-2151

From:	Seth C. Murray
To:	Wilfred Vermerris; Ana I Saballos
Cc:	Bill Rooney; Stephen Kresovich; Jeff Pedersen; Martha Hamblin; sem30
Subject:	HIF Tissue for RNA - expression sequencing
Date:	Wednesday, November 04, 2009 9:13:39 AM

I finished the harvesting of tissue on Monday - given the cool temperatures the plants were in early hard dough stage and still had decent brix.

For each plant that I harvested I collected two samples;
Boot Time point: Flag Leaf and Internode 4
Hard dough: Peduncle and Internode 4
I took the center ~2 inches of internode 4 for RNA extraction and used each end of internode 4 in a handheld juice press to collect brix these two end values were then averaged. These values are reported in the attached spreadsheet.

In preparing to ship these to Florida I have two main questions:

1. Handsqueezed brix values from a single internode are probably not reliable and full of error. However, in the samples I took from family 7, the handsqueezed brix value was higher for the Btx623 allele line than the Rio allele. Should we cherry pick the samples that behaved as we expect (Choose samples with Rio allele having the highest handheld brix, samples with BTX623 allele have lowest brix?). If so we could use Family 12 which behaves closer to what we expect but only has two samples in boot stage. Should we just ignore these handsqueeze values?

2. Should I ship all samples or a subset? There are probably three times more samples than we have money to analyze. If I ship a subset then if something happens we have backups I can reship.

Any thoughts appreciated.

Ana: the hard dough samples (especially the peduncle) are dirty and should be surfaced washed and/or cored to get the pith before RNA extraction if possible. I did not think about this until I was in the field with the liquid nitrogen and only a bandanna to wipe them off.

Thanks,

Seth

----- Original Message -----
From: "Wilfred Vermerris" <wev@ufl.edu>
To: "Bill Rooney" <wlr@tamu.edu>, "Seth C. Murray" <sethmurray@neo.tamu.edu>, "Stephen Kresovich" <sk20@cornell.edu>, "Ana I Saballos" <saballoa@ufl.edu>, "Jeff Pedersen" <Jeff.Pedersen@ars.usda.gov>
Sent: Monday, October 12, 2009 4:02:35 PM GMT -06:00 US/Canada Central
Subject: Map locations of Dwarf1 and Dwarf4?

Dear Steve, Bill, Seth and Jeff,

I was wondering if you are aware of the map locations of dw1 and dw4 in sorghum. If not, are you aware of anybody working on mapping these genes? We are interested in them, but would prefer to not duplicate ongoing efforts.

Thank you,

Wilfred

--
Seth C. Murray
Assistant Professor
Dept. Soil and Crop Sciences
TAMU MS 2474
College Station, TX 77843
Office (979) 845-3469
Cell (979) 595-5176
http://maizeandgenetics.tamu.edu/

From:	Sharon Mitchell
To:	Bill Rooney
Cc:	Stephen Kresovich
Subject:	Hybrid A-lines
Date:	Wednesday, November 04, 2009 1:49:52 PM

Hi Bill,
Steve and I have been talking of the best strategy for resynthesizing one of your hybrid A-lines, specifically A.Tx642/BTx2752. What is your recommendation for the most efficient way for us to do this? Resynthesize the lines at Crosbyton this winter, pay you or another seed company to resynthesize the line for us? Other alternative? If we plant the lines in Puerto Rico this winter, we'd need ~ 1800 seeds from each parental line. Do you have these seed on hand? Could we get the seed from you or another source?

Thanks for your advice,
Sharon

Sharon E. Mitchell, Ph.D.
Manager, Institute for Genomic Diversity Laboratories
Biotechnology Building, Room 151
Cornell University
Ithaca, NY 14853-2703
sem30@cornell.edu
Ph: (607) 254-4851
FAX: (607) 254-6379

From:	Sharon Mitchell
To:	Bill Rooney
Cc:	Stephen Kresovich
Subject:	Hybrid cross increases in Puerto Rico
Date:	Monday, November 02, 2009 3:32:51 PM

Hi Bill,
We've finished evaluating our hybrid crosses for biomass production in NY state and are ready to go to larger field trials. We got funding from the NY state to grow a few hybrids in farmer's fields across the state next year. At any rate, the hybrids that we made with your female line, A.Tx642/BTx2752, performed well in small plots this year. Jim Osborne tells me that this hybrid A-line came from you and that we'd need to perform crosses to resynthesize these lines for our crosses. By any chance, would you be willing to provide seed from the above A- line for our two crosses this winter? We'd quite a bit of seed from your A-line (~12K.. don't know how this converts to seed weight) to make around 200lbs of hybrid seed from each of two male lines. If you can't do this it's all right. We'll use one of Jim's A lines even though they don't perform quite as well for us.

Steve K asked me to give you his regards. He's doing well in SC and will be in contact soon.

Hope you are doing well,
Sharon

Sharon E. Mitchell, Ph.D.
Manager, Institute for Genomic Diversity Laboratories
Biotechnology Building, Room 151
Cornell University
Ithaca, NY 14853-2703
sem30@cornell.edu
Ph: (607) 254-4851
FAX: (607) 254-6379

From:	John Mullet
To:	Gould Mike
Cc:	Bob Avant; Bill McCutchen; Bill Rooney
Subject:	IBERS
Date:	Sunday, November 08, 2009 9:33:59 AM

Mike,

Iain Donnison from the IBERS group contacted Bill Rooney and me about meeting to discuss sorghum X miscanthus collaborations. The IBERS group from Wales is meeting with Ceres this week in College Station to provide an update on their joint project. Iain asked to meet with the TAMUS energy sorghum team on Friday morning to explore several non funded but potentially useful collaborations involving comparative sorghum X miscanthus genomics, etc.

I know you have an interest in for Weslaco so you might be interested in talking to Iain and the IBERS group. If so, I would suggest the following options;
1 - contact Iain directly and determine if a broader discussion with the IBERS group is useful,
2 - If so, I can set aside time following the sorghum group discussion for you to talk by conference call to the IBERS group (noon to 1:00pm?).

- we have no idea if IBERS already has third party collaborations with groups working on cane, so I would keep the discussion on two tracks for now.

Let me know how you want to proceed.

Regards,

John

Iain's email address is below.

[redacted]

From:	International Journal of Agronomy
To:	wlr@tamu.edu
Subject:	IJA/729870: Review Report
Date:	Tuesday, November 03, 2009 12:38:10 AM

Dear Prof. Rooney,

I am writing in regards to the Research Article IJA/729870 titled "Anthracnose Disease Response for Sorghum Breeding Lines Developed from Ethiopian Germplasm," by John E. Erpelding. I would like to remind you that the due date for submitting your review report is on 2009-11-10.

Please use the following link to submit your report:

http://mts.hindawi.com/921188314873.html

Thank you for your help in reviewing this manuscript.

Best regards,

Dina Dawood
Editorial Office
Hindawi Publishing Corp.
http://www.hindawi.com

From:	Connie Currin
To:	Bill L Rooney
Cc:	Stacy Ferrell
Subject:	LF Copy of Invoice University of Florida
Date:	Wednesday, November 04, 2009 8:23:15 AM

An invoice has been completed and a copy for your records is now located in Laserfiche. You can access this document by going to 4.7.11.2 and search by TAES or TCE and your department.

This document is saved under account number: as:

If you do not have access to Laserfiche at this time please contact your departmental business office for assistance.

This document is for your reference only, therefore no response to this email is necessary. If you have any questions concerning this invoice please contact our office.

Sincerely,

Connie Currin & Carol Towns
Contracts & Grants
2147 TAMU
College Station, Texas 77843-2147

From:	Diane Gilliland
To:	Bill L Rooney
Cc:	David Baltensperger; Pam Wilhelm; Stacy Ferrell; William Hawke; Alecia Arnold
Subject:	LF United Sorghum Checkoff Program Board Award Change Notice
Date:	Monday, November 09, 2009 4:05:08 PM

Your official Award Notice and agreement documents for your new project are now completed and are located in **Laserfiche**. You can access these documents by going to 4.7.11.2 and search by TAES or TCE and your department. This document is saved as**: 405848-Agreement**

If you do not have access to Laserfiche at this time please contact your departmental business office for assistance.

Please read carefully the Award Notice and accompanying agreement documents for information regarding your award amount, effective dates, account numbers (including Cost Sharing and Texas AgriLife Research project numbers), cost sharing requirements, and applicable regulations.

The account has been established in FAMIS and your business office should have received a fax copy of the one page notice. If you have questions regarding the fiscal administration of the account please contact our office.

Notice:
As a P.I. you are responsible for abiding by all the regulations and guidelines for your award, so please be sure and fully read the award documents.

Sincerely,

Diane M. Gilliland
Assistant Director for Research Administration
Texas A&M AgriLife
2147 TAMU
College Station, Texas 77843-2147

From:	Diane Gilliland
To:	Bill L Rooney
Cc:	David Baltensperger; Pam Wilhelm; Stacy Ferrell; William Hawke; Alecia Arnold
Subject:	LF United Sorghum Checkoff Program Board New Award Notice 405849
Date:	Monday, November 09, 2009 3:41:34 PM

Your official Award Notice and agreement documents for your new project are now completed and are located in **Laserfiche**. You can access these documents by going to 4.7.11.2 and search by TAES or TCE and your department. This document is saved as**: 405849-Agreement**

If you do not have access to Laserfiche at this time please contact your departmental business office for assistance.

Please read carefully the Award Notice and accompanying agreement documents for information regarding your award amount, effective dates, account numbers (including Cost Sharing and Texas AgriLife Research project numbers), cost sharing requirements, and applicable regulations.

The account has been established in FAMIS and your business office should have received a fax copy of the one page notice. If you have questions regarding the fiscal administration of the account please contact our office.

Notice:
As a P.I. you are responsible for abiding by all the regulations and guidelines for your award, so please be sure and fully read the award documents.

Sincerely,

Diane M. Gilliland
Assistant Director for Research Administration
Texas A&M AgriLife
2147 TAMU
College Station, Texas 77843-2147

From: Stefaniak, Thomas R
To: "Bill Rooney"
Date: Tuesday, November 10, 2009 9:41:45 AM
Attachments:

Bill
I applied for your post-doc position this morning. I am attaching the same documents I uploaded at the AgriLife site to this email. The letter is the only document I did not already send to you some months ago. It is generally the same, with the addition of some details of specific sorghum breeding experience.

Regards
Thomas R. Stefaniak Ph.D.
Plant and Soil Sciences Department
College of Agriculture
1405 Veterans Drive
322 Plant and Soil Sciences Building
Lexington, KY 40546-0312
Office: 859-257-5020 ext. 80295
Fax: 859-257-7125
email: trstef1@uky.edu

CURRICULUM VITAE

Thomas R. Stefaniak

322 Plant Science Building
University of Kentucky
Lexington, Kentucky 40546-0312
Telephone (859) 257–5020, 80295
trstef1@pop.uky.edu (e–mail)

Home 128 Suburban Ct.
Lexington, KY 40503
(859) 313–5074

EDUCATION

2008 **Ph.D**	Major: Crop Science, Minor: Plant Physiology, University of Kentucky, Lexington, KY. Dissertation: Heritability Estimates of Cold Tolerance in a Seeded Bermudagrass Population
2003 **M.S**.	University of Kentucky, Lexington, KY Thesis: A Comparison of Recombination Rates Between Random Soybean Lines and Cultivars
1995 **B.A.**	Michigan State University, East Lansing, MI

PROFESSIONAL EXPERIENCE

2009-present	**Substitute teacher:** Fayette county public schools
2008-present	**Project Manager:** Plan and conduct an experiment to study and adapt current sorghum production practices for bioenergy applications pursuant to Dr. Pfeiffer's portion of DOE grant Genetically characterize putative Sorghum bicolor x Sorghum halepense hybrids Manage Dr. Pfeiffer's sorghum and maize breeding projects
2008	**Teaching Assistant:** Teaching for the Department of Plant and Soil Sciences, Duties included, assisting with lectures, conducting course discussion sections, lab monitoring, meeting with students, and grading assignments.
2003-2008	**Molecular Marker Research Specialist:** Research specialist in charge of the Plant Science department's marker facility reporting to the soybean breeder. This position's responsibilities included assisting the tobacco, soybean, wheat, and tall fescue breeding projects in the utilization of the molecular marker lab. This involved identifying and researching appropriate techniques, optimizing the protocols, collecting and analyzing data, adapting selection schemes to incorporate marker data, and general lab management.

Moved old laboratory and set up new marker facility
Researched equipment options for the utilization of facility start-up budget and made purchases accordingly
Trained in the use of the lab's new flow cytometer
Trained the soybean breeder's new technician
Hired and trained undergraduate student workers
Researched and consulted with department's breeders in the establishment in new marker projects
Researched and conducted initial protocol implementation of a marker system for use in bluemold resistance screening in tobacco.
Trained in the use and interpretation of fragment analysis data generated by the college's Advanced Genetic and Technology Center facility

1997-2003 **Sr. Lab Tech Soybean Breeding Project:** Lab tech in charge of the soybean breeding project's marker facility reporting to the soybean breeder. This position's responsibilities included carrying out the soybean, breeder's suggestions for the implementation of the molecular marker techniques to support the project's goals. This involved identifying and researching appropriate techniques, optimizing the protocols, collecting and analyzing data, adapting selection schemes to incorporate marker data, and general lab management.
Assisted in the planting and harvesting of the soybean variety test.
Instituted, upon the request of the soybean breeder, the implementation of a marker component to his project.
Hired and trained undergraduate student workers

1995-1997 **Sr. Lab Tech Tobacco Breeding Project:** Lab tech assisting in the implementation of the tobacco breeding project's greenhouse and field projects. Headed up the insect screening aspect of this project. Assisted in data acquisition, recording, and analysis.

RESEARCH EXPERIENCE

2003-2007 **Doctoral Research,** University of Kentucky
-Conducted a field study to evaluate the nature of inheritance of cold tolerance and other turf characteristics in a seeded bermudagrass population

-Planted and assisted in the management of bermudagrass research plots.
-Collected measures for several objectively measured and subjectively rated traits of bermudagrass plots
-Performed statistical analyses of bermudagrass turf character data

1998-2002 **Masters Research,** University of Kentucky
-Conducted a laboratory study to evaluate differences in recombination rates between soybean populations
-Collected samples and extracted DNA
-Conducted marker analyses using SSR molecular markers
-Performed statistical analyses to evaluate the number and chromosomal region of meiotic recombination events

COURSE WORK

Upper level course work includes classes in plant breeding, quantitative genetics, plant molecular biology, plant physiology, plant pathology, crop physiology, and statistics.

PUBLICATIONS

Thomas R. Stefaniak, T.D. Phillips, C. A. Rodgers, R. VanDyke, and D. Williams. 2009. The Inheritance of Cold Tolerance and Turf traits in a Seeded Bermudagrass Population. Crop. Sci in press

Stefaniak, Thomas R. (2008). The Inheritance of Cold Tolerance in a Seeded Bermudagrass [Cynodon dactylon l. (Pers.)] Population Unpublished Dissertation. University of Kentucky, Lexington, KY

Stefaniak, T.R., D.L. Hyten, V.R. Pantalone, A. Klarer, and T. Pfeiffer. 2006. Soybean cultivars resulted from more recombination events than unselected lines from the same population. Crop Sci. 46:43-51

Hyten, D., V.R. Pantalone, C. Sams, A. Saxton, D. Landau-Ellis, **T. Stefaniak**, and M. Schmidt. 2004. Seed quality in a prominent soybean population. Theoretical and Applied Genetics 109: 552-561

Stefaniak, Thomas R. (2003) A Comparison of Recombination Rates Between Random Soybean [Glycine max L. (Merr)] Lines and Adapted Cultivars. Unpublished Thesis. University of Kentucky, Lexington, KY

PRESENTATIONS

December, 2007 The Genetics of Cold Tolerance in a Seeded Bermudagrass Population. Ph.D. exit seminar.

November, 2007 The Genetics of Cold Tolerance in a Seeded Bermudagrass Population. Oral presentation at the American Society of Agronomy annual meeting New Orleans, LA.

October, 2007. The Genetics of Cold Tolerance in a Seeded Bermudagrass Population. Oral presentation at the Kentucky Turfgrass Council annual meeting in Bowling Green, KY.

November 2002. A Comparison of Recombination Rates Between Random Soybean lines and Adapted Cultivars. Poster presentation at the ASA national meeting in Indianapolis, IN.

June, 2002. A Comparison of Recombination Rates Between Random Soybean lines and Adapted Cultivars. Oral presentation at the 9th Biennial Conference of the Cellular and Molecular Biology of the Soybean in Champaign, IL.

April, 2002. A Comparison of Recombination Rates Between Random Soybean lines and Adapted Cultivars. M.S. exit seminar.

CONFERENCES ATTENDED

-Tobacco Workers Conference 2008, January 13-17, Savannah, GA.
-ASA-CSSA-SSSA 2007 International Meetings, November 4-8, New Orleans, LA.
-KY Turfgrass Council Annual Meetings 2007, October 13-17, Bowling Green, KY.
-ASA-CSSA-SSSA 2006 International Meetings, November 12-16, Indianapolis, IN.
-KY Turfgrass Council Annual Meetings 2006, October 22-26, Bowling Green, KY.
-Tobacco Workers Conference 2006, January 16-19, Charleston, SC.
-Coresta Congress 2004, October 3-7, Kyoto, Japan.
-Tobacco Workers Conference 2004, January 20-23, Nashville, TN.
-10th Biennial Conference of the Cellular and Molecular Biology of the Soybean, 2004, August 8-11 Columbia, MO.
-ASA-CSSA-SSSA 2002 International Meetings, November 10-14, Indianapolis, IN

-10th Biennial Conference of the Cellular and Molecular Biology of the Soybean, 2002, August 11-14, Champaign, IL

PROFESSIONAL MEMBERSHIPS

American Society of Agronomy (ASA)
Crop Science Society of America (CSSA)
Science Society of America (SSSA)

HONORS

Dissertation Enhancement Award, The Graduate School, University of Kentucky. 2007

REFERENCES

Lowell Bush, Philip Morris Professor, 315 Plant Sciences Bldg., Lexington, KY, 40546, 859-257-5020 ext 80764, email: lpbush@uky.edu

Randy Dinkins, Molecular Biologist / Plant Geneticist, N220 Agriculture Science Cntr. N., Lexington, KY 40546, 859-421-1780, email: randy.dinkins@ars.usda.gov

Larry Grabau, Professor of Plant and Soil Sciences, N120 Agriculture Science Cntr. N., Lexington, KY 40546, 859-257-1885, email: lgrabau@uky.edu

Todd Pfeiffer, Professor of Plant and Soil Sciences, 329 Plant Sciences Bldg., Lexington, KY, 40546, 859-257-5020 ext. 80771, email: tpfeiffe@uky.edu

Tim Phillips, Assoc. Professor of Plant and Soil Sciences, 325 Plant Sciences Bldg., Lexington, KY 40546, 859-257-5020 ext. 80769, email: tphillip@uky.edu

David VanSanford, Professor of Plant and Soil Sciences, 327 Plant Sciences Bldg., Lexington, KY 40546, 859-257-5020 ext. 80770, email: dvs@uky.edu

David Williams, Assoc. Professor of Plant and Soil Sciences, 311 Plant and Soil Sciences Bldg., Lexington, KY, 40546, 859-257-2715, email: david.williams@uky.edu

Dr. Rooney:

I am writing in response to the post-doc position you are headed to fill. I feel fortunate that my career in academia has followed an untraditional path, as I have chosen to work in full time staff positions while completing my graduate degrees. This allowed me to gain practical real world experience as I pursued my graduate degrees. This experience has been in the research and application of molecular and conventional breeding technologies for the improvement of several crop species germplasm.

The experience I have that perhaps would be most useful to your project, I obtained in my current position managing our portion of the Department of Energy RBFT sorghum project. This involved the management of the field trial. During this period I also worked on an experiment intended to make use of new potential genetic resources found in Johnsongrass. To this end we made crosses between male sterile sorghum plant introductions and locally collected Johnsongrass ecotypes. I have used several SSR markers to verify the hybrid nature of the plants that germinated from the seed obtained of this cross. Both parental alleles were present. However, flow cytometry indicated that the hybrids were unfortunately triploid. Additionally I was in charge of the day to day maintenance of Dr. Pfeiffer's sorghum breeding nursery. In this capacity I made; crosses using the pour method and cytoplasmic male sterility, selections, and self pollinations. In this position I also managed Dr. Pfeiffer's maize breeding nursery.

I successfully defended my dissertation December 14, 2007. My Ph.D. project was a cold tolerance study of a seeded turf bermudagrass population. As a Ph.D student I planned and conducted the experimental techniques and designs for my dissertation project. This involved identifying and characterizing important traits for the improvement of the currently available turf bermudagrass germplasm. Much of the background research I did for my dissertation was in the area of stress physiology. I have reported on this research both in academic and trade show settings as seen in my curriculum vitae. I have also made presentations on this research to producers and golf course managers attending our experiment station's field days. I have now published a manuscript including some of these results in Crop Science.

It is my opinion that my Ph.D project has provided me with a wide base of knowledge. The course work I have completed in graduate school was diverse. These courses were in the areas of plant molecular biology, plant physiology, plant pathology, plant breeding, plant biochemistry, and statistics. The major area of my Ph.D was crop science and my minor was plant physiology.

I began working with molecular markers in soybean when I accepted a position with Todd Pfeiffer in 1997. Soon after in 1998 I started my graduate studies, also with Dr. Pfeiffer. My M.S. project was a genetic analysis of recombination in a soybean population using SSRs. A reference for the paper I published in Crop Science including some of these results can be found on my vitae. After finishing my M.S., I accepted a position where I supervised the marker lab which serves all the breeders in our department.

My career in academia began when I was a student worker, and later a technician at UK; I gained experience in the areas of the day to day field maintenance of breeding nurseries and variety tests. I was involved in all aspects of field experimentation from driving tractor/combines, to hoeing and collecting phenotypic data. In these jobs I identified and characterized important traits for the improvement of soybean, tobacco, dry bean, and melons.

This experience was obtained while I worked for the projects of Todd Pfeiffer and Mark Nielsen at UK and Jim Kelley and Rebecca Grumet at Michigan State University.

In conclusion, the opportunity to once again work in the area of my passion, plant breeding, would be very exciting for me. I am certain I could make great contributions towards cultivar development and the improvement of breeding methodology in this position.

With Respect

Thomas R. Stefaniak

Name: Stefaniak, Thomas Richard
Student SSN: 401152518
Student Number: 00011506
Print Date: 01/10/2008 **Page Number:** 1 of 4

Issued to:

Requested by: Thomas Richard Stefaniak

Undergraduate Academic Record

SCHOOLS ATTENDED
Higher Education Institutions:
Lexington Community College 06/1995 - 05/1996
Michigan State University 01/1991 - 05/1995
Degree: Bachelor of Arts 05/1995

Test Scores:

DEGREES AWARDED
Master of Science **05/10/2003**
Graduate School
Major: Plant and Soil Science
Cum GPA: 3.303

Initial Statistics:

AHRS	EHRS	QHS	QPTS	HQHRS	HQPTS
6.0	0.0	6.0	9.00		

1993 Summer Session 2

Program:
College of Arts & Sciences
Non-Degree
Major: Initial Statistics Medicine

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
ENG 203	BUSINESS WRITING	B	3.0	9.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	3.0	3.0	3.0	9.00	3.000
++ Cumulative	9.0	3.0	9.0	18.00	2.000
Status	Good Standing				

******* No Further Entries This Column *******

Transfer Credit Applied to 1996 Fall Semester
Lexington Community College 06/1995 - 05/1996

MA 109	COLLEGE ALGEBRA	3.0	MA 109
MA 123	ELEM CALC & ITS APPLICS	3.0	MA 123
	Total	6.0	

Michigan State University 01/1991 - 05/1995

BOT 201	PLNTS PEOPLE & ENV N	2.0	TRANSWRK
C J 110	INTRO TO CRIMINAL JUSTIC	2.0	TRANSWRK
ENG 101	RESPONSES THROUGH WRITIN	2.7	TRANSWRK
PSY 160	INTRO PSYCH:SOCIAL PERSO	2.0	PSY 100
AST 217	GENERAL ASTRONOMY	2.7	TRANSWRK
ENG 102	WRITING AND COMPOSING	3.3	TRANSWRK
HST 111	THE ROOTS OF EUROPEAN HI	2.7	TRANSWRK
ATL 173	WRITING AMERICA ON FILM	2.0	ENG 1---
GLG 200	GEOLOGY OF HUMAN ENVIRON	2.7	TRANSWRK
HUM 202	HUM WEST WRLD:MED EARLY	2.7	TRANSWRK
REL 152	EASTERN RELIGIONS	2.0	TRANSWRK
HST 206	EUROPEAN HIST SNCE 1500	4.0	TRANSWRK
IAH 241A	MUSIC/SOCIETY MODERN WRL	4.0	TRANSWRK
ISB 202	APPL ENVIR & ORGANISMAL	3.0	TRANSWRK
PLS 200	INTRO TO POLITICAL SCIEN	4.0	TRANSWRK
ENG 206	READINGS CONTEMP LITERAT	3.0	TRANSWRK
ISS 225	POWER AUTHORITY & EXCHAN	3.0	SOC 2---
PES 101C	SWIMMING III	1.0	TRANSWRK
PLS 100	INTRO TO AMER NTL GOVT	3.0	TRANSWRK
PHL 330	FORMAL REASONING I	4.0	TRANSWRK
PHL 350	PHILOS OF ART	3.0	TRANSWRK
PLS 310	PUBLIC BUREAUCRACY PLCY	3.0	TRANSWRK
PLS 333	POLIT SOC & PUBLIC OPINI	3.0	TRANSWRK
PSY 244	DEVEL PSYCHOL INFANCY-CH	3.0	GEED
CJ 210	INTRO TO FORENSIC SCIENC	4.0	TRANSWRK
PHL 354	PHILOSOPHY OF LAW	3.0	TRANSWRK
PSY 280	ABNORMAL PSYCHOLOGY	3.0	TRANSWRK
ENG 266	LITERARY INTERPRETATION	3.0	TRANSWRK
HST 306	U.S. HISTORY SINCE 1920	3.0	TRANSWRK
HST 320	HISTORY OF MICHIGAN	3.0	TRANSWRK
PSY 200	COGNITIVE PSYCHOLOGY	3.0	PSY 2---
CSS 350	INTRO TO PLANT GENETICS	3.0	TRANSWRK
ENG 302	INTRO TO THE ENGLISH LAN	3.0	TRANSWRK
ENG 470	FILM THEORY AND CRITICS	4.0	TRANSWRK
HRT 490	IND STUDY IN HORTICULTUR	2.0	PLS 582
HST 361	AFRICAN HIST SINCE 1800	3.0	TRANSWRK
PES 107F	TENNIS II	1.0	TRANSWRK
BS 111	CELLS & MOLECULES	3.0	BIO 150
BS 111	CELLS & MOLECULES	1.0	BIO 151
ISS 310	PEOPLE & ENVIRONMENT	1.0	TRANSWRK
ISS 310	PEOPLE & ENVIRONMENT	3.0	SOC 350
BOT 105	PLANT BIOLOGY	1.0	TRANSWRK
BOT 105	PLANT BIOLOGY	3.0	BIO 106
	Total	117.8	

1996 Fall Semester

Program:
College of Agriculture
BS in Plant and Soil Science
Major: Plant and Soil Science

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
CHE 105	GEN COLLEGE CHEMISTRY I	C	3.0	6.00
AGR 395	SPECIAL PROBLEMS IN AGR	B	4.0	12.00
CHE 115	GENERAL CHEMISTRY LAB	C	3.0	6.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	10.0	10.0	10.0	24.00	2.400
Cumulative	19.0	136.8	19.0	42.00	2.211
Status	Good Standing				

1997 Spring Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
CHE 107	GEN COLLEGE CHEMISTRY II	D	3.0	3.00
CHE 236	SURVEY OF ORGANIC CHEM	B-	3.0	8.10

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	6.0	6.0	6.0	11.10	1.850
Cumulative	25.0	142.8	25.0	53.10	2.124
Status	Good Standing				

******* No Further Entries This Page *******

++ Includes Initial Statistics

Continued on Page 2

UNOFFICIAL

Name: Stefaniak, Thomas Richard
Student SSN: 401152518
Student Number: 00011506
Print Date: 01/10/2008 **Page Number:** 2 of 4

1998 Spring Semester ***** No Further Entries This Page *****

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
ABT 495	EXPERIMENTAL METHODS IN BIOTECHNOLOGY Pass/Fail	P	4.0	0.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	4.0	4.0	0.0	0.00	0.000
Cumulative	29.0	146.8	25.0	53.10	2.124
Status	Good Standing				

*** **End of Undergraduate Academic Record** ***

Continued on Page 3

UNOFFICIAL

Name: Stefaniak, Thomas Richard
Student SSN: 401152518
Student Number: 00011506

Graduate Academic Record

SCHOOLS ATTENDED
Higher Education Institutions:
Lexington Community College 06/1995 - 05/1996
Michigan State University 01/1991 - 05/1995
Degree: Bachelor of Arts 05/1995

Test Scores:

DEGREES AWARDED
Master of Science **05/10/2003**
Graduate School
Major: Plant and Soil Science
Cum GPA: 3.303

1998 Fall Semester

Program:
Graduate School
Non-Degree
Major: Post Baccalaureate

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
STA 570	BASIC STAT ANALYSIS	B	4.0	12.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	4.0	4.0	4.0	12.00	3.000
Cumulative	4.0	4.0	4.0	12.00	3.000
Status	Good Standing				

1999 Spring Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
STA 671	REGRESSION & CORRELATION	B	2.0	6.00
STA 672	DESIGN & ANAL OF EXPER	B	2.0	6.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	4.0	4.0	4.0	12.00	3.000
Cumulative	8.0	8.0	8.0	24.00	3.000
Status	Good Standing				

1999 Fall Semester

Program:
Graduate School
Master of Science
Major: Plant and Soil Science

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 502	ECOLOGY-ECONOMIC PLANTS	B	3.0	9.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	3.0	3.0	3.0	9.00	3.000
Cumulative	11.0	11.0	11.0	33.00	3.000
Status	Good Standing				

2000 Spring Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 664	PLANT BREEDING I	A	3.0	12.00
PLS 602	PRIN OF YIELD PHYSIOLOGY	B	3.0	9.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	6.0	6.0	6.0	21.00	3.500
Cumulative	17.0	17.0	17.0	54.00	3.176
Status	Good Standing				

2000 Fall Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PPA 400G	PRINS OF PLANT PATHOLOGY	A	3.0	12.00
PLS 599	SP PROBLEMS IN PLANT & SOIL SCI	A	1.0	4.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	4.0	4.0	4.0	16.00	4.000
Cumulative	21.0	21.0	21.0	70.00	3.333
Status	Good Standing				

2001 Spring Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PPA 695	EPIDEMIOLOGY &MANAGEMT OF PLANT DISEASES	B	3.0	9.00
PLS 599	SP PROBLEMS IN PLANT & SOIL SCI	A	1.0	4.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	4.0	4.0	4.0	13.00	3.250
Cumulative	25.0	25.0	25.0	83.00	3.320
Status	Good Standing				

2001 Fall Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 599	SP PROBLEMS IN PLANT & SOIL SCI	A	1.0	4.00
PLS 772	PLANT AND SOIL SCIENCE SEMINAR:CROPS	A	1.0	4.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	2.0	2.0	2.0	8.00	4.000
Cumulative	27.0	27.0	27.0	91.00	3.370
Status	Good Standing				

2002 Fall Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 748	MASTER'S THESIS RESEARCH Exclude Credit	S	0.0	0.00
PPA 640	IDENT OF PLANT DISEASES	B	3.0	9.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	3.0	3.0	3.0	9.00	3.000
Cumulative	30.0	30.0	30.0	100.00	3.333
Status	Good Standing				

2003 Spring Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 609	PLANT BIOCHEMISTRY	B	3.0	9.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	3.0	3.0	3.0	9.00	3.000
Cumulative	33.0	33.0	33.0	109.00	3.303
Status	Good Standing				

2003 Fall Semester

Program:
Graduate School
Doctor of Philosophy
Major: Crop Science

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 622	PHYSIOLOGY OF PLANTS I	A	3.0	12.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	3.0	3.0	3.0	12.00	4.000
Cumulative	36.0	36.0	36.0	121.00	3.361
Status	Good Standing				

2004 Spring Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 623	PHYSIOLOGY OF PLANTS II	A	3.0	12.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	3.0	3.0	3.0	12.00	4.000
Cumulative	39.0	39.0	39.0	133.00	3.410
Status	Good Standing				

2004 Fall Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 620	PLANT MOLECULAR BIOLOGY	A	3.0	12.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	3.0	3.0	3.0	12.00	4.000
Cumulative	42.0	42.0	42.0	145.00	3.452
Status	Good Standing				

2005 Spring Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 676	QUANT INHER IN PLANT POP	A	3.0	12.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	3.0	3.0	3.0	12.00	4.000
Cumulative	45.0	45.0	45.0	157.00	3.489
Status	Good Standing				

***** No Further Entries This Page *****

Continued on Page 4

UNOFFICIAL

Name: Stefaniak, Thomas Richard
Student SSN: 401152518
Student Number: 00011506
Print Date: 01/10/2008 **Page Number:** 4 of 4

2005 Fall Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 769	RESIDENCE CREDIT FOR DOCTOR'S DEGREE Exclude Credit	S	6.0	0.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	6.0	0.0	0.0	0.00	0.000
Cumulative	51.0	45.0	45.0	157.00	3.489
Status	Good Standing				

2006 Spring Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
BIO 308	GENERAL MICROBIOLOGY Pass/Fail	P	3.0 *	0.00
PLS 769	RESIDENCE CREDIT FOR DOCTOR'S DEGREE Exclude Credit	S	5.0	0.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	5.0	0.0	0.0	0.00	0.000
Cumulative	56.0	45.0	45.0	157.00	3.489
Status	Good Standing				

2006 Summer Session 1

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 769	RESIDENCE CREDIT FOR DOCTOR'S DEGREE Exclude Credit	S	4.0	0.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	4.0	0.0	0.0	0.00	0.000
Cumulative	60.0	45.0	45.0	157.00	3.489
Status	Good Standing				

2006 Summer Session 2

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 769	RESIDENCE CREDIT FOR DOCTOR'S DEGREE Exclude Credit	S	0.0	0.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	0.0	0.0	0.0	0.00	0.000
Cumulative	60.0	45.0	45.0	157.00	3.489
Status	Good Standing				

2006 Fall Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
BIO 315	INTRO TO CELL BIOLOGY Pass/Fail	P	3.0 *	0.00
PLS 769	RESIDENCE CREDIT FOR DOCTOR'S DEGREE Exclude Credit	S	5.0	0.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	5.0	0.0	0.0	0.00	0.000
Cumulative	65.0	45.0	45.0	157.00	3.489
Status	Good Standing				

2007 Spring Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 749	DISSERTATION RESEARCH Exclude Credit	S	0.0	0.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	0.0	0.0	0.0	0.00	0.000
Cumulative	65.0	45.0	45.0	157.00	3.489
Status	Good Standing				

2007 Fall Semester

CRS NUM	COURSE TITLE	GRADE	HOURS	QPTS
PLS 749	DISSERTATION RESEARCH Exclude Credit	S	0.0	0.00

	AHRS	EHRS	QHRS	QPTS	GPA
Semester	0.0	0.0	0.0	0.00	0.000
Cumulative	65.0	45.0	45.0	157.00	3.489
Status	Good Standing				

Withdrawn 09/07/2007

Final Examination - Master's - 12/05/02
Thesis Accepted - Master's - 01/31/03
Qualifying Examination - Doctoral - 09/08/05
Final Examination - Doctoral - 12/14/07

*** **End of Graduate Academic Record** ***

From: Rene Clara
To: Bill Rooney
Subject: Manager of costs
Date: Sunday, November 01, 2009 9:36:21 AM

Dear Dr. Bill,

For six months ago, Vilma project was financing to me a person in my office to take the costs of each project and informing to the leaders. This activity has been successful, but Vilma can not longer continue financing it, we pay to this person $ 1.00 the hour, $ 8.00 per day. The hiring does the CENTA with our funds, as the field workers. Now I must finance it with administration project that is the correct thing, but need your approval.

Regards,

René Clará V.
INTSORMIL
Host Regional Coordinator

CENTA, Apdo. Postal 885,
San Salvador, El Salvador, C.A.
Tel. (503) 2302 0239 - (503) 7815 2238 cel.
Fax: (503) 2302 0239

E-mail: [redacted]

From: Delroy Collins
To: Jim
Cc: Bill; Dustin
Subject: map of TAMU sorghum at PR
Date: Monday, November 09, 2009 11:27:10 AM

Jim:

One box of packaged seed should arrive at Andale tomorrow (Tuesday) morning. Rows are in separate bundles arranged by range from front of field to back. Seed has been treated with Concep III, Apron XL, Poncho, Precise, and Maxim FS. Field map is attached. If you have questions, please let me know. I assume we can still make reservations at La Parguera when needed?

Cordially,

Mr. S. Delroy Collins, Research Associate
Sorghum Breeding and Genetics
Dept. of Soil & Crop Sciences
Texas A&M University
370 Olsen Blvd.
College Station, TX 77843
delroy@tamu.edu
(979) 845-2151

2010 Puerto Rico

	1	4	5	10	11	16	17	20
25	2385					2400	2497	2500
24	2369					2384	2493	2496
23	2353					2368	2489	2492
22	2337			F3 RILs		2352	2485	2488
21	2321					2336	2481	2484
20	2305					2320	2477	2480
19	2289			2298	2299	2304	2473	2476
18	2273	Pours				2288	2469	2472
17	2257					2272	2465	2468
16	2241	2244	2245			2256	2461	2464
15	2225					2240	2457	2460
14	2209					2224	2453	2456
13	2193					2208	2449	2452
12	2177					2192	2445	2448
11	2161					2176	2441	2444
10	2145					2160	2437	2440
9	2129		AxR			2144	2433	2436
8	2113					2128	2429	2432
7	2097					2112	2425	2428
6	2081					2096	2421	2424
5	2065					2080	2417	2420
4	2049					2064	2413	2416
3	2033					2048	2409	2412
2	2017					2032	2405	2408
1	2001					2016	2401	2404

From: Slovacek, Jackie
To: Bill Rooney; Mullet, John E.
Subject: Meeting/Lunch tomorrow
Date: Tuesday, November 03, 2009 4:04:56 PM

I will be ordering lunch from Blue Baker tomorrow for our 11:00 am meeting. Let me know if you have a preference, if not I will order the turkey sandwiches.

Jackie

Jackie Slovacek
Assistant to the Associate Director
Texas AgriLife Research
113 Jack K Williams Administration Bldg
College Station, Texas 77843-2142

979.845.7980
979.458.4765 Fax

From: Nina Estrada
To: Bill L Rooney
Subject: MTA Turkey
Date: Wednesday, November 04, 2009 1:24:33 PM

Dr. Rooney,

Attached you will find an MTA that is in need of your signature. Please sign and return it to me via email at your earliest convenience. Thanks.

Kindest regards,

Nina Estrada
Lead Office Associate
Contracts and Grants
Texas A&M AgriLife

MATERIAL TRANSFER AGREEMENT

This Material Transfer Agreement ("Agreement") is made between Kahramanmaras Sutcu Imam Universitesi ("INSTITUTION") an academic and research institution with principal offices in Kahramanmaras, Turkey and Texas AgriLife Research ("AGRILIFE"), a part of the Texas A&M University System, having principal offices in College Station, Texas. The parties to this Agreement are collectively referred to as the "Parties" and individually as a "Party."

RECITALS

WHEREAS, AGRILIFE owns certain sorghum germplasm lines that have been selected for sugar concentration, biomass yield, plant height, and maturity ("MATERIALS");

WHEREAS, INSTITUTION has expertise related to the evaluation of sorghum lines and plans to use the MATERIALS for RESEARCH PURPOSES;

WHEREAS, INSTITUTION has requested the MATERIALS, and AGRILIFE is willing to provide the MATERIALS solely for RESEARCH PURPOSES;

NOW, in consideration of the mutual covenants and premises contained in this Agreement, the receipt and sufficiency of which is acknowledged, the Parties agree to the following:

1. "MATERIALS" means experimental sorghum germplasm line developed by AGRILIFE and identified as any progeny and derivatives of the line, be it seed or any type of sexual or asexual propagating material; and any naturally occurring modifications such as mutations, offtypes, or variants generated from MATERIALS.

2. "RESEARCH PURPOSES" means the development of recombinant inbred lines ("RIL") in order to map quantitative trait loci ("QTL") for biomass quality and yield and composition traits. RESEARCH PURPOSES excludes transgenic or traditional breeding activities (except for creating the RIL) using MATERIALS. Furthermore, RESEARCH PURPOSES excludes any sale, transfer, or disposition of MATERIALS for commercial exploitation purposes.

3. "INTELLECTUAL PROPERTY" means all inventions, discoveries, or tangible materials conceived, reduced to practice, or developed through INSTITUTION'S use of MATERIALS.

4. INSTITUTION acknowledges that the MATERIALS are and remain the valuable and sole proprietary properties of AGRILIFE and ownership in MATERIALS shall be retained by AGRILIFE. INSTITUTION will to the best of its ability utilize the MATERIALS in a manner that serves to protect the proprietary interests of AGRILIFE.

5. INSTITUTION agrees that all MATERIAL received hereunder will be used only for RESEARCH PURPOSES and will not be used for other purposes, including but not limited to breeding purposes, the development of improved sorghum lines, or any commercial purposes.

6. INSTITUTION further agrees that all MATERIAL received hereunder will be used only at the facilities of the INSTITUTION and will not be used, directly or indirectly, for any commercial purpose whatsoever. The INSTITUTION must not transfer or provide materials or any portion thereof to any other organization or individual than as otherwise allowed in this Agreement without the prior written consent of AGRILIFE.

7. INSTITUTION agrees that the MATERIAL received hereunder may not be used in any sponsored research or other research programs if the terms of such program would entitle the sponsor or any third party to any ownership, rights or interest in such research or its results, including any INTELLECTUAL PROPERTY developed through the scope of the work.

8. In the event that INSTITUTION desires to utilize MATERIALS for any uses beyond the scope of this Agreement, the Parties shall first enter into good faith negotiations to establish the terms and the conditions for any such anticipated purposes. Nothing in this Agreement shall be construed as a representation that AGRILIFE may guarantee the grant of such rights.

9. Any publication describing the INSTITUTION'S use of MATERIALS shall acknowledge the source of MATERIAL and INSTITUTION will provide a copy of such publication to AGRILIFE.

10. INSTITUTION will pay for the expenses incurred in handling and shipment of the MATERIALS to INSTITUTION. Such expenses will be paid by INSTITUTION upon receipt of a supporting invoice from AGRILIFE.

11. Within thirty (30) days following the completion of INSTITUTION'S testing of MATERIALS, or the termination or expiration of this agreement, whichever is earlier, INSTITUTION will provide to AGRILIFE a written report of the INSTITUTION'S efforts and results obtained using MATERIAL during the evaluation period. INSTITUTION agrees that AGRILIFE may use such reports and data for its own purposes.

12. AGRILIFE is an agency of the State of Texas and nothing in this Agreement waives or relinquishes AGRILIFE's right to claim any exemptions, privileges, and immunities as may be provided by law.

13. All MATERIAL provided hereunder should be considered experimental and should be handled by INSTITUTION with appropriate safety precautions. **AGRILIFE MAKES NO REPRESENTATIONS AND EXTENDS NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR DOES AGRILIFE ASSUME ANY OBLIGATIONS WITH RESPECT TO INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OR OTHER RIGHTS OF THIRD PARTIES DUE TO INSTITUTION'S ACTIVITIES UNDER THIS AGREEMENT. TO THE EXTENT ALLOWED BY LAW, INSTITUTION HEREBY AGREES TO INDEMNIFY AND HOLD HARMLESS AGRILIFE FROM ANY AND ALL LIABILITY AND/OR DAMAGES (INCLUDING COST OF DEFENSE) PROXIMATELY CAUSED BY ITS USE OF THE MATERIAL.**

14. INSTITUTION or AGRILIFE may terminate this Agreement at any time by providing written notice to the other at least thirty (30) days before the termination is to take effect. All accrued obligations and claims, including claims or causes of action for breach of this Agreement, shall survive expiration or termination of this Agreement.

15. Notices, reports, or other communications required by this Agreement shall be sufficiently made or given if mailed by certified First Class United States mail, postage pre-paid, or by commercial carrier (e.g., FedEx, UPS, etc.) when such carrier maintains receipt or record of delivery, addressed to the address stated below, or to the last address specified in writing by the intended recipient.

(a) If to AGRILIFE

Ms. Diane Gilliland, Assistant Director
Texas A&M AgriLife, Contracts and Grants
3000 Briarcrest Drive
Suite 101
Bryan, Texas 77802
Ph. (979) 845-4781; Fax: (979) 862-7775

with a copy to:
Dr. William L. Rooney
Professor, Sorghum Breeding and Genetics
Texas AgriLife Research
Texas A&M University, Department of Soil and Crop Sciences
College Station, TX 77843-2474
wlr@tamu.edu

(b) If to INSTITUTION:

Doc. Dr. Yuksel Bolek
Kahramanmaraş Sütçü İmam Üniversitesi Ziraat
Fakültesi, Tarla Bitkileri Bolumu, Kahramanmaraş,
Turkey, 46100
Ph. +90 (344) 219 10 00
Fax. +90 (344) 219 15 26

16. This Agreement shall expire December 31, 2011.

17. Upon expiration or termination of this Agreement, INSTITUTION agrees to destroy or return, at AGRILIFE's request, any MATERIALS in INSTITUTION's possession. INSTITUTION understands and concurs that AGRILIFE shall not be responsible for any costs or liabilities incurred by INSTITUTION in the process of evaluating, testing, or destroying MATERIALS or any part thereof.

18. The undersigned by executing this Agreement represents that he/she is authorized on behalf of INSTITUTION to enter into this Agreement for and on behalf of INSTITUTION.

19. This Agreement, with the rights and privileges it creates, is assignable only with the written consent of both Parties.

20. Each Party is and shall remain an independent contractor as long as this Agreement is in effect and neither Party shall act as an agent, legal representative, partner or joint venturer of the other Party for any purpose whatsoever and the employees of one shall not be deemed to be the employees of the other. This Agreement is not intended to restrict or confine either Party in independent development of the underlying plant material, as long as such independent

development does not compromise the rights or obligations of the Parties prescribed in this Agreement.

21. This Agreement shall be governed by and construed under the laws and constitution of the State of Texas.

22. This Agreement contains the entire understanding of the Parties, and supersedes all other written and oral agreements between the Parties. This Agreement may be modified or amended only by a written agreement signed by both Parties.

23. This agreement may be executed in any number of counterparts, including facsimile or scanned PDF documents. Each such counterpart, facsimile, or scanned PDF document shall be deemed an original instrument, and all of which, together, shall constitute one and the same executed Agreement.

24. If any provision of this Agreement is invalid, illegal, or unenforceable, the validity, legality and enforceability of the remaining provisions will not in any way be affected or impaired. A waiver of any breach of this Agreement does not waive any other breach of the same or other provision of this Agreement. A waiver is not effective unless made in writing.

The Parties have caused this Agreement to become effective as of the date last provided below.

Kahramanmaras Sutcu Imam Universitesi	Texas AgriLife Research
_____	_____
By:	By:
Title:	Title:
Date: _____	Date: 11-2-09
Acknowledged by:	Acknowledged by:
_____	_____
INSTITUTION Recipient Scientist	AGRILIFE Provider Scientist
Name:	Name: William L. Rooney, PhD
Title:	Title: Professor
Dept:	Dept: Texas AgriLife Research
Date: _____	Date: _____

From:	Lloyd Rooney
To:	wlr@tamu.edu
Subject:	need info?
Date:	Tuesday, November 10, 2009 8:56:16 AM

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1. Do the GCP funds have a deadline to be spent by May 31? Our check off funds finally were approved and now they say they need to be spent by May 31. ???. Is this really true?

2. Anything going on with Harris? I have not heard anything?

3. Are you going to the INTSORMIL Tech Transfer mtg?

4. Are you going to CA in Dec?

Thanks lwr

From:	Pam Wilhelm
To:	Carolyn Engledow
Cc:	Carol Rhodes; Lloyd Rooney; Bill L Rooney
Subject:	new account United Sorghum Checkoff Program
Date:	Wednesday, November 04, 2009 10:50:35 AM

Hello Carolyn,

This new account showed up for Dr. Rooney. You have Bill Rooney's name on it but Lloyd Rooney's project number on it. Whose is it?