

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
1	Goal 1: Grow and optimize production of current energy sorghum hybrids at sites of importance to national security	1446 days?	Fri 1/1/10													
2	1.1 Regional Variety Trials	1308 days?	Fri 1/1/10													
3	Year 1	262 days?	Fri 1/1/10													
4	DARPA Strategic Site Selection	11 days	Fri 1/1/10													
5	Secure Variety Trial Locations	15 days?	Mon 1/18/10													
6	Plant Variety Trial Locations	65 days?	Mon 2/15/10													
7	Collect Variety Trial Data	186 days?	Mon 2/15/10													
8	Harvest Variety Trials	96 days?	Mon 7/5/10													
9	Identify optimal hybrids per region	110 days?	Mon 8/2/10													
10	Report year 1 Trialing	0 days	Mon 1/3/11													
11	Year 2	231 days?	Tue 2/15/11													
12	Plant Variety Trial Locations	65 days?	Tue 2/15/11													
13	Collect Variety Trial Data	186 days?	Tue 2/15/11													
14	Harvest Variety Trials	96 days?	Tue 7/5/11													
15	Identify optimal hybrids per region	110 days?	Tue 8/2/11													
16	Report year 2 Trialing	0 days	Tue 1/3/12													
17	Year 3	231 days?	Wed 2/15/12													
18	Plant Variety Trial Locations	65 days?	Wed 2/15/12													
19	Collect Variety Trial Data	186 days?	Wed 2/15/12													
20	Harvest Variety Trials	96 days?	Thu 7/5/12													
21	Identify optimal hybrids per region	110 days?	Thu 8/2/12													
22	Report year 3 Trialing	0 days	Thu 1/3/13													
23	Year 4	230 days?	Fri 2/15/13													
24	Plant Variety Trial Locations	65 days?	Fri 2/15/13													
25	Collect Variety Trial Data	186 days?	Fri 2/15/13													
26	Harvest Variety Trials	96 days?	Fri 7/5/13													
27	Identify optimal hybrids per region	110 days?	Fri 8/2/13													
28	Report year 4 Trialing	0 days	Fri 1/3/14													
29	Year 5	230 days?	Mon 2/17/14													
30	Plant Variety Trial Locations	65 days?	Mon 2/17/14													
31	Collect Variety Trial Data	186 days?	Mon 2/17/14													
32	Harvest Variety Trials	96 days?	Mon 7/7/14													

Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone		Project Summary	
	Milestone		Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
33	Identify optimal hybrids per region	110 days?	Mon 8/4/14													
34	Report year 5 Trialing	0 days	Mon 1/5/15													
35	1.2 Regional Agronomic Trials	1308 days?	Fri 1/1/10	◆ 1/5												
36	Year 1	262 days?	Fri 1/1/10	◆ 1/3												
37	DARPA Strategic Site Selection	11 days	Fri 1/1/10													
38	Secure Agronomic Trialing Locations	15 days?	Mon 1/18/10													
39	Plant Agronomic Locations	65 days?	Mon 2/15/10													
40	Collect Agronomic Trialing Data	186 days?	Mon 2/15/10													
41	Harvest Agronomic Trials	96 days?	Mon 7/5/10													
42	Identify Best Management Practice's	110 days?	Mon 8/2/10													
43	Report year 1 Trialing	0 days	Mon 1/3/11													
44	Year 2	231 days?	Tue 2/15/11	◆ 1/3												
45	Plant Agronomic Locations	65 days?	Tue 2/15/11													
46	Collect Agronomic Trialing Data	186 days?	Tue 2/15/11													
47	Harvest Agronomic Trials	96 days?	Tue 7/5/11													
48	Identify Best Management Practice's	110 days?	Tue 8/2/11													
49	Report year 2 Trialing	0 days	Tue 1/3/12													
50	Year 3	231 days?	Wed 2/15/12	◆ 1/3												
51	Plant Agronomic Locations	65 days?	Wed 2/15/12													
52	Collect Agronomic Trialing Data	186 days?	Wed 2/15/12													
53	Harvest Agronomic Trials	96 days?	Thu 7/5/12													
54	Identify Best Management Practice's	110 days?	Thu 8/2/12													
55	Report year 3 Trialing	0 days	Thu 1/3/13													
56	Year 4	230 days?	Fri 2/15/13	◆ 1/3												
57	Plant Agronomic Locations	65 days?	Fri 2/15/13													
58	Collect Agronomic Trialing Data	186 days?	Fri 2/15/13													
59	Harvest Agronomic Trials	96 days?	Fri 7/5/13													
60	Identify Best Management Practice's	110 days?	Fri 8/2/13													
61	Report year 4 Trialing	0 days	Fri 1/3/14													
62	Year 5	230 days?	Mon 2/17/14	◆ 1/3												
63	Plant Agronomic Locations	65 days?	Mon 2/17/14													
64	Collect Agronomic Trialing Data	186 days?	Mon 2/17/14													
65	Harvest Agronomic Trials	96 days?	Mon 7/7/14													

Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone	◆	Project Summary	
	Milestone	◆	Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	↓

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
66	Identify Best Management Practice's	110 days?	Mon 8/4/14													
67	Report year 5 Trialing	0 days	Mon 1/5/15													
68	1.3 Logistic Systems	1446 days	Fri 1/1/10													
69	DARPA Strategic Site Selection	3 mons	Fri 1/1/10													
70	Assess agricultural infrastructure	4 mons	Fri 3/26/10													
71	Evaluate probability of working days	3 mons	Fri 7/16/10													
72	Identify best technology for site	6 mons	Fri 3/26/10													
73	Modify IBSAL	1225 days	Fri 1/1/10													
74	Modify IBSAL for energy sorghum	9 mons	Fri 1/1/10													
75	Modify IBSAL unit op elements	9 mons	Sat 1/1/11													
76	Modify IBSAL unit op elements	9 mons	Sun 1/1/12													
77	Modify IBSAL unit op elements	9 mons	Tue 1/1/13													
78	Modify IBSAL unit op elements	9 mons	Wed 1/1/14													
79	Model logistics for sites using historical weather data	1105 days	Thu 7/1/10													
80	Model logistics for sites using histo	3 mons	Thu 7/1/10													
81	Model logistics for sites using histo	3 mons	Fri 7/1/11													
82	Model logistics for sites using histo	3 mons	Mon 7/2/12													
83	Model logistics for sites using histo	3 mons	Mon 7/1/13													
84	Model logistics for sites using histo	3 mons	Tue 7/1/14													
85	Determine cost and energy gain	1065 days	Wed 12/1/10													
86	Determine cost and energy gain o	1 mon	Wed 12/1/10													
87	Determine cost and energy of moc	1 mon	Thu 12/1/11													
88	Determine cost and energy of moc	1 mon	Mon 12/3/12													
89	Determine cost and energy of moc	1 mon	Mon 12/2/13													
90	Determine cost and energy of moc	1 mon	Mon 12/1/14													
91	Prioritize unit ops for modification	805 days	Wed 12/1/10													
92	Prioritize unit ops for modification	1 mon	Wed 12/1/10													
93	Prioritize unit ops for modification	1 mon	Thu 12/1/11													
94	Prioritize unit ops for modification	1 mon	Mon 12/3/12													
95	Prioritize unit ops for modification	1 mon	Mon 12/2/13													
96	Design modifications in cooperation with industrial partner	904 days	Sat 1/1/11													
97	Design modifications in cooperation with industrial partner	6 mons	Sat 1/1/11													
98	Design modifications in cooperation with industrial partner	6 mons	Sun 1/1/12													

Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone		Project Summary	
	Milestone		Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
99	Design modifications in cooperation with industrial partner	6 mons	Tue 1/1/13													
100	Design modifications in cooperation with industrial partner	6 mons	Wed 1/1/14													
101	Fabricate modified machine	844 days	Sun 1/1/12													
102	Fabricate modified machine 1	3 mons	Sun 1/1/12													
103	Fabricate modified machine 2	3 mons	Tue 1/1/13													
104	Fabricate modified machine 3	3 mons	Wed 1/1/14													
105	Fabricate modified machine 4	3 mons	Thu 1/1/15													
106	Evaluate performance of modified unit op	864 days	Fri 3/23/12													
107	Evaluate performance of modified unit op 1	4 mons	Fri 3/23/12													
108	Evaluate performance of modified unit op 2	4 mons	Tue 3/26/13													
109	Evaluate performance of modified unit op 3	4 mons	Wed 3/26/14													
110	Evaluate performance of modified unit op 4	4 mons	Thu 3/26/15													
111	Establish study field in College Station	803 days	Fri 4/15/11													
112	Establish study field in College Station 1	1 mon	Fri 4/15/11													
113	Establish study field in College Station 2	1 mon	Mon 4/16/12													
114	Establish study field in College Station 3	1 mon	Mon 4/15/13													
115	Establish study field in College Station 4	1 mon	Tue 4/15/14													
116	Establish study field in Hawaii	541 days	Mon 4/2/12													
117	Establish study field in Hawaii 1	1 mon	Mon 4/2/12													
118	Establish study field in Hawaii 2	1 mon	Mon 4/1/13													
119	Establish study field in Hawaii 3	1 mon	Tue 4/1/14													
120	1.4 Optimal Production Systems & Pricin	1197 days?	Tue 6/1/10													
121	Collect data for budget development from Tasks 1.1, 1.2, 1.3	1197 days?	Tue 6/1/10													
122	Develop budgets of current cropping systems	1197 days?	Tue 6/1/10													
123	Develop Monte Carlo Simulation model	1197 days?	Tue 6/1/10													

Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone		Project Summary	
	Milestone		Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
124	Determine producer price contract for energy crops	1197 days?	Tue 6/1/10													
125	1.5 Feasible Commercial Production Reg	1304 days?	Fri 1/1/10													
126	DARPA Strategic Site Selection	11 days	Fri 1/1/10													
127	Develop lexicographic function	108 days?	Fri 1/1/10													
128	Develop production models for selected sites	1197 days?	Tue 6/1/10													
129	New site studies for new varieties that expand current production regions	1197 days?	Tue 6/1/10													
130	Goal 2: Build a full-scale integrated genomics-to-breeding technology platform that will accelerate the rate of genetic improvement of energy sorghum and wide-hybrids	1306 days?	Fri 1/1/10													
131	2.1 Sorghum Genomic Diversity Profiles	1306 days?	Fri 1/1/10													
132	2.1.1 Sorghum Genomic Diversity Profiles DG-1	1306 days?	Fri 1/1/10													
218	2.1.2 Sorghum Genomic Diversity Profiles DG-2	1306 days?	Fri 1/1/10													
229	2.2 Create and screen core sorghum germplasm for phenotypes, genotypes, genomic regions for yield, QTL/genes that modulate energy sorghum traits	1306 days?	Fri 1/1/10													
230	Year 1	261 days?	Fri 1/1/10													
231	Core germplasm established for 100 accessions	261 days?	Fri 1/1/10													
232	Creation of seed stocks for core germplasm	261 days?	Fri 1/1/10													
233	Phenotypic Screening of Core Collection	261 days?	Fri 1/1/10													
234	Two populations advanced to RIL's	261 days?	Fri 1/1/10													
235	Year 2	261 days?	Sat 1/1/11													
236	Core germplasm established for 250 accessions	261 days?	Sat 1/1/11													
237	Creation of seed stocks for core germplasm	261 days?	Sat 1/1/11													
238	Phenotypic Screening of Core Collection	261 days?	Sat 1/1/11													
239	Two populations advanced to RIL's	261 days?	Sat 1/1/11													
240	Genetic loci (QTL) mapping	261 days?	Sat 1/1/11													

Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone		Project Summary	
	Milestone		Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
241	Year 3	261 days?	Sun 1/1/12													
242	Core germplasm established for 400 accessions	261 days?	Sun 1/1/12													
243	Creation of seed stocks for core germplasm	261 days?	Sun 1/1/12													
244	Phenotypic Screening of Core Collection	261 days?	Sun 1/1/12													
245	Two populations advanced to RIL'	261 days?	Sun 1/1/12													
246	Genetic loci (QTL) mapping	261 days?	Sun 1/1/12													
247	ID of DNA markers for marker-assisted selection	261 days?	Sun 1/1/12													
248	Year 4	261 days?	Tue 1/1/13													
249	Core germplasm established for 1000 accessions	261 days?	Tue 1/1/13													
250	Creation of seed stocks for core germplasm	261 days?	Tue 1/1/13													
251	Phenotypic Screening of Core Collection	261 days?	Tue 1/1/13													
252	Two populations advanced to RIL's	261 days?	Tue 1/1/13													
253	Genetic loci (QTL) mapping	261 days?	Tue 1/1/13													
254	ID of DNA markers for marker-assisted selection	261 days?	Tue 1/1/13													
255	Year 5	261 days?	Wed 1/1/14													
256	Core germplasm established for 1600 accessions	261 days?	Wed 1/1/14													
257	Creation of seed stocks for core germplasm	261 days?	Wed 1/1/14													
258	Phenotypic Screening of Core Collection	261 days?	Wed 1/1/14													
259	Two populations advanced to RIL's	261 days?	Wed 1/1/14													
260	Genetic loci (QTL) mapping	261 days?	Wed 1/1/14													
261	ID of DNA markers for marker-assisted selection	261 days?	Wed 1/1/14													
262	2.3 Development and testing of advanced energy sorghum inbred lines	1306 days?	Fri 1/1/10													
263	Year 1	1 day?	Fri 1/1/10													
264	Construct large number of crosses among converted energy	1 day?	Fri 1/1/10													
265	Year 2	261 days?	Sat 1/1/11													
266	Selection of Improved Lines	261 days?	Sat 1/1/11													

Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone		Project Summary	
	Milestone		Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
267	Year 3	261 days?	Sun 1/1/12													
268	Selection of Improved Lines	261 days?	Sun 1/1/12													
269	Selective Mapping	261 days?	Sun 1/1/12													
270	Year 4	261 days?	Tue 1/1/13													
271	Selection of Improved Lines	261 days?	Tue 1/1/13													
272	Selective Mapping	261 days?	Tue 1/1/13													
273	Pyramid beneficial traits in elite pollinator parents	261 days?	Tue 1/1/13													
274	Year 5	261 days?	Wed 1/1/14													
275	Selection of Improved Lines	261 days?	Wed 1/1/14													
276	Generate and test hybrids in multiples locations	261 days?	Wed 1/1/14													
277	Goal 3: Develop next-generation energy crops using novel wide-hybridization technology that enables sorghum to be	1306 days?	Fri 1/1/10													
278	3.1 Creations of sorghum/energycane hy	1306 days	Fri 1/1/10													
279	Hybridization of █████ sorghum to sugarcane	1306 days	Fri 1/1/10													
280	Hybridization of █████ sorghum to sugarcane 1	261 days	Fri 1/1/10													
281	Hybridization of █████ sorghum to sugarcane 2	261 days	Sat 1/1/11													
282	Hybridization of █████ sorghum to sugarcane 3	261 days	Sun 1/1/12													
283	Hybridization of █████ sorghum to sugarcane 4	261 days	Tue 1/1/13													
284	Hybridization of █████ sorghum to sugarcane 5	261 days	Wed 1/1/14													
285	Hybridization of █████ sorghum to energy grasses	1306 days	Fri 1/1/10													
286	Hybridization of █████ sorghum to energy grasses 1	261 days	Fri 1/1/10													
287	Hybridization of █████ sorghum to energy grasses 2	261 days	Sat 1/1/11													
288	Hybridization of █████ sorghum to energy grasses 3	261 days	Sun 1/1/12													
289	Hybridization of █████ sorghum to energy grasses 4	261 days	Tue 1/1/13													
290	Hybridization of █████ sorghum to energy grasses 5	261 days	Wed 1/1/14													
291	3.2 Multi-location screening of wide hybrids	1304 days?	Tue 1/5/10													
292		1304 days	Tue 1/5/10													

Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone		Project Summary	
	Milestone		Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
293		1304 days	Tue 1/5/10													
294	Multi-Location screening of wide hybrids	1099 days?	Mon 2/1/10													
295	Multi-Location screening of wide hybrids	54 days?	Mon 2/1/10													
296	Weslaco Establishment	1 day?	Mon 2/1/10													
297	College Station establishment	1 day?	Thu 4/1/10													
298	Beaumont establishment	1 day?	Thu 4/15/10													
299	Multi-Location screening of wide hybrids	54 days?	Tue 2/1/11													
300	Weslaco Establishment	1 day?	Tue 2/1/11													
301	College Station establishment	1 day?	Fri 4/1/11													
302	Beaumont establishment	1 day?	Fri 4/15/11													
303	Multi-Location screening of wide hybrids	54 days?	Wed 2/1/12													
304	Weslaco Establishment	1 day?	Wed 2/1/12													
305	College Station establishment	1 day?	Mon 4/2/12													
306	Beaumont establishment	1 day?	Mon 4/16/12													
307	Multi-Location screening of wide hybrids	52 days?	Fri 2/1/13													
308	Weslaco Establishment	1 day?	Fri 2/1/13													
309	College Station establishment	1 day?	Mon 4/1/13													
310	Beaumont establishment	1 day?	Mon 4/15/13													
311	Multi-Location screening of wide hybrids	52 days?	Mon 2/3/14													
312	Weslaco Establishment	1 day?	Mon 2/3/14													
313	College Station establishment	1 day?	Tue 4/1/14													
314	Beaumont establishment	1 day?	Tue 4/15/14													
315	3.3 Agronomic performance of wide hybrids	1046 days	Fri 1/1/10													

Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone		Project Summary	
	Milestone		Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
316	3.3.a Production of elite wide hybrids for clonal propagation	1046 days	Fri 1/1/10													
317	Production of elite wide hybrids for clonal propagation	1046 days	Fri 1/1/10													
318	Production of elite wide hybrids for clonal	1 day	Fri 1/1/10													
319	Production of elite wide hybrids for clonal	1 day	Sat 1/1/11													
320	Production of elite wide hybrids for clonal	1 day	Sun 1/1/12													
321	Production of elite wide hybrids for clonal	1 day	Tue 1/1/13													
322	Production of elite wide hybrids for clonal	1 day	Wed 1/1/14													
323	3.3.b Agronomic Trialing of Wide Hybrids - College Station	1046 days	Fri 1/1/10													
324	Rainfed Agronomic Trialing of Elite Wide Hybrids	1046 days	Fri 1/1/10													
325	Rainfed Agronomic Trialing of Elite Wide Hybrids 1	1 day	Fri 1/1/10													
326	Rainfed Agronomic Trialing of Elite Wide Hybrids 2	1 day	Sat 1/1/11													
327	Rainfed Agronomic Trialing of Elite Wide Hybrids 3	1 day	Sun 1/1/12													
328	Rainfed Agronomic Trialing of Elite Wide Hybrids 4	1 day	Tue 1/1/13													
329	Rainfed Agronomic Trialing of Elite Wide Hybrids 5	1 day	Wed 1/1/14													
330	Irrigated Agronomic Trialing of Elite Wide Hybrids	1046 days	Fri 1/1/10													
331	Irrigated Agronomic Trialing of Elite Wide Hybrids 1	1 day	Fri 1/1/10													
332	Irrigated Agronomic Trialing of Elite Wide Hybrids 2	1 day	Sat 1/1/11													
333	Irrigated Agronomic Trialing of Elite Wide Hybrids 3	1 day	Sun 1/1/12													
334	Irrigated Agronomic Trialing of Elite Wide Hybrids 4	1 day	Tue 1/1/13													
335	Irrigated Agronomic Trialing of Elite Wide Hybrids 5	1 day	Wed 1/1/14													
336	3.3.c Agronomic Trialing of Wide Hybrids - Weslaco	1046 days	Fri 1/1/10													
337	Establish Nursery in Weslaco for wide hybrids	1046 days	Fri 1/1/10													

Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone		Project Summary	
	Milestone		Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
338	Establish Nursery in Weslaco for wide hybrids 1	1 day	Fri 1/1/10													
339	Establish Nursery in Weslaco for wide hybrids 2	1 day	Sat 1/1/11													
340	Establish Nursery in Weslaco for wide hybrids 3	1 day	Sun 1/1/12													
341	Establish Nursery in Weslaco for wide hybrids 4	1 day	Tue 1/1/13													
342	Establish Nursery in Weslaco for wide hybrids 5	1 day	Wed 1/1/14													
343	Establish 2 replicated trials for wide hybrids	1046 days	Fri 1/1/10													
344	Establish 2 replicated trials for wide hybrids	1 day	Fri 1/1/10													
345	Establish 2 replicated trials for wide hybrids	1 day	Sat 1/1/11													
346	Establish 2 replicated trials for wide hybrids	1 day	Sun 1/1/12													
347	Establish 2 replicated trials for wide hybrids	1 day	Tue 1/1/13													
348	Establish 2 replicated trials for wide hybrids	1 day	Wed 1/1/14													
349	Establish Nursery in Weslaco for BMP's of wide hybrids	1046 days	Fri 1/1/10													
350	Establish Nursery in Weslaco for BMP's of wide	1 day	Fri 1/1/10													
351	Establish Nursery in Weslaco for BMP's of wide	1 day	Sat 1/1/11													
352	Establish Nursery in Weslaco for BMP's of wide	1 day	Sun 1/1/12													
353	Establish Nursery in Weslaco for BMP's of wide	1 day	Tue 1/1/13													
354	Establish Nursery in Weslaco for BMP's of wide	1 day	Wed 1/1/14													
355	3.4 Develop seed-based propagation systems for wide hybrids	1046 days	Fri 1/1/10													
356	Sorghum Seed Parental Line Development	1046 days	Fri 1/1/10													
357	Sorghum Seed Parental Line Development 1	1 day	Fri 1/1/10													
358	Sorghum Seed Parental Line Development 2	1 day	Sat 1/1/11													
359	Sorghum Seed Parental Line Development 3	1 day	Sun 1/1/12													

Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone		Project Summary	
	Milestone		Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
360	Sorghum Seed Parental Line Development 4	1 day	Tue 1/1/13													
361	Sorghum Seed Parental Line Development 5	1 day	Wed 1/1/14													
362	Energycane Pollinator Parent Screening and Development	1046 days	Fri 1/1/10													
363	Energycane Pollinator Parent Screening and Development 1	1 day	Fri 1/1/10													
364	Energycane Pollinator Parent Screening and Development 2	1 day	Sat 1/1/11													
365	Energycane Pollinator Parent Screening and Development 3	1 day	Sun 1/1/12													
366	Energycane Pollinator Parent Screening and Development 4	1 day	Tue 1/1/13													
367	Energycane Pollinator Parent Screening and Development 5	1 day	Wed 1/1/14													
368	Cytological Manipulation of Pollinator Parent to Produce	1046 days	Fri 1/1/10													
369	Cytological Manipulation of Pollinator Parent to Produce	1 day	Fri 1/1/10													
370	Cytological Manipulation of Pollinator Parent to Produce	1 day	Sat 1/1/11													
371	Cytological Manipulation of Pollinator Parent to Produce	1 day	Sun 1/1/12													
372	Cytological Manipulation of Pollinator Parent to Produce	1 day	Tue 1/1/13													
373	Cytological Manipulation of Pollinator Parent to Produce	1 day	Wed 1/1/14													
374	3.5 Molecular characterization of [redacted] and other important genes for wide hybrids	1306 days?	Fri 1/1/10													
375	Year 1	261 days	Fri 1/1/10													
376	Phenotyping from BC1F1 population for ms3 and [redacted] traits	261 days	Fri 1/1/10													
377	Digital Genotype Analysis from BC1F1	261 days	Fri 1/1/10													
378	High Resolution Mapping ~1000 progeny for [redacted] gene	261 days	Fri 1/1/10													
379	Year 2	261 days	Sat 1/1/11													
380	Digital Genotype Analysis from BC1F1	261 days	Sat 1/1/11													
381	High Resolution Mapping ~1000 progeny for [redacted] gene	261 days	Sat 1/1/11													
382	Year 3	261 days	Sun 1/1/12													

Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone		Project Summary	
	Milestone		Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	

ID	Task Name	Duration	Start	2010		2011		2012		2013		2014		2015		2016
				H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
383	High Resolution Mapping ~1000 progeny for [redacted] gene	261 days	Sun 1/1/12					█	█							
384	Progeny Mapping from High Resolution Mapping	261 days	Sun 1/1/12					█	█							
385	Year 4	261 days	Tue 1/1/13							█	█					
386	Progeny Mapping from High Resolution Mapping	261 days	Tue 1/1/13							█	█					
387	Genome Sequence for [redacted] function	261 days	Tue 1/1/13							█	█					
388	Year 5	261 days?	Wed 1/1/14									█	█			
389	Genome Sequence for [redacted] function	261 days?	Wed 1/1/14									█	█			



Project: DARPA Energy Crops V1.mpr Date: Wed 10/14/09	Task		Rolled Up Task		External Tasks	
	Progress		Rolled Up Milestone		Project Summary	
	Milestone		Rolled Up Progress		Group By Summary	
	Summary		Split		Deadline	