

MID-COAST IPM NEWS

Calhoun

Refugio

Victoria

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Volume 2, No. 15

December 7, 2006

Program Surveys

A survey was mailed in the last newsletter. If you still have this, please complete it and return the survey to me. These surveys are for you to provide feedback on the effectiveness of the IPM Program with relation to cotton, corn or the IPM Newsletter. This is also a means for you to make suggestions on how the IPM Program can be modified to better fit your needs.

Please complete the survey and return it to me at: Stephen Biles, P.O. Box 86, Port Lavaca, TX 77979.

Stacked Gene Cotton Variety Trials

I have attached the results from the 2006 replicated cotton variety trials containing Stacked Gene Cotton Varieties. This data can be useful in making variety selections if you intend on planting RoundUp Flex cotton stacked with Bollgard II or Widestrike technologies. These trials were in Calhoun, Refugio and Jackson Counties.

***DISCLAIMER CLAUSE:** Trade names of commercial products used in this report are included only for better understanding and clarity. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by the Texas A&M University System is implied. Readers should realize that results from one experiment do not represent conclusive evidence that the same response would occur where conditions vary. The herbicide label is the final authority for how a product can be used safely and provides the manufacturer's instructions and precautions. Read and follow the pesticide label.*

Publications on Stink Bug Identification and Asian Soybean Rust ID are available at:
<http://calhoun-tx.tamu.edu/Publications.cfm>

Some supporters of YOUR IPM Program are:

Hlavinka Equipment Company

Moreman Community Gin

South Texas Cotton & Grain

Farmer's Coop of El Campo

Vanderbilt Farmer's Coop, Inc.

Danevang Farmer's Coop, Inc.

Helena Chemical Company

Please show your appreciation to these great organizations.



Visit us on the web at:

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

Calhoun County Uniform Stacked Gene Cotton Variety Trial, 2006
Cooperator: David Hahn

Dr. Robert Lemon, Professor and Extension Cotton Specialist
 D. Joel Pigg, Extension Associate
 Stephen Biles, Extension Agent-Integrated Pest Management
 Zan Matthies, County Extension Agent-Agriculture and Natural Resources Calhoun County
 Clay Lewis and Jess Little, Student Technicians

VARIETY	YIELD lbs/A	TURNOUT %	MIC	LENGTH inches	STRENGTH g/tex	UNIFORMITY %	LOAN VALUE cents/lb	LINT VALUE \$/A
Delta Pine 455 BR	968.7 a	32.7 b	4.63 a	1.13 a	28.90 ab	83.53 a	54.27 a	526.0 a
Stoneville 4554 B2RF	947.0 ab	32.3 bc	4.20 a	1.12 a	27.60 a-d	82.27 bcd	53.92 a	510.7 ab
Delta Pine 164 B2RF	942.0 ab	31.7 bc	3.97 a	1.16 a	27.00 bcd	82.73 ab	54.63 a	515.0 ab
FiberMax 9063 B2RF	939.0 ab	32.3 bc	4.40 a	1.19 a	29.43 a	81.87 cde	54.42 a	511.3 ab
Phytogen 485 WRF	938.0 ab	34.3 a	4.43 a	1.14 a	29.67 a	81.60 de	54.72 a	513.0 ab
Delta Pine 445 BR	916.7 ab	32.3 bc	4.50 a	1.13 a	27.97 abc	82.53 bc	53.38 a	498.7 ab
DynaGro 2100 B2RF	892.0 ab	31.3 bc	4.03 a	1.13 a	25.67 d	81.07 e	53.73 a	479.3 bc
Beltwide Cotton Genetics 4630 B2RF	885.7 bc	31.0 c	4.17 a	1.15 a	26.30 cd	82.30 bcd	53.92 a	477.7 bc
CropLan 3520 B2RF	876.3 bc	31.0 c	4.13 a	1.16 a	27.60 a-d	82.30 bcd	53.98 a	473.0 bc
Delta Pine 143 B2RF	806.3 c	31.7 bc	4.27 a	1.18 a	27.13 bcd	82.07 bcd	54.25 a	437.3 c
Location Mean	911.2	32.1	4.27	1.15	27.73	82.23	54.12	494
P>F	0.0870	0.0775	0.1934	0.2164	0.0557	0.0058	0.7196	0.0630
LSD (P=,10)	80.46	1.65	NS	NS	2.071	0.810	NS	43.62
Standard Deviation	56.83	1.17	0.294	0.0337	1.463	0.572	0.6849	30.81
CV%	6.24	3.64	6.88	2.93	5.28	0.7	1.26	6.73

Loan based on \$0.5170/lb +/- premiums/discounts according to the 2006 USDA loan chart. Planting date: April 4 Harvest date: September 22 Row Spacing: 32 inches



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Refugio County Uniform Stacked Gene Cotton Variety Trial, 2006
Cooperator: Jimmy Rathcamp Farms

Dr. Robert Lemon, Professor and Extension Cotton Specialist
 D. Joel Pigg, Extension Associate
 Jerry Gray, County Extension Agent-Agriculture and Natural Resources Refugio County
 Stephen Biles, Extension Agent-Integrated Pest Management
 Clay Lewis and Jess Little, Student Technicians

VARIETY	YIELD	TURNOUT	MIC	LENGTH	STRENGTH	UNIFORMITY	LOAN VALUE	LINT VALUE
	lbs/A	%		inches	g/tex	%	cents/lb	\$/A
Delta Pine 445 BR	830.3 a	36.0 a	4.73 a	1.11 c	27.17 d	82.57 a	56.80 a	520.0 a
Phytogen 485 WRF	881.0 ab	33.0 bc	4.70 a	1.17 b	30.07 b	82.87 a	54.85 a	484.0 ab
Croplan Genetics 3520 B2RF	842.0 bc	33.0 bc	4.40 b	1.13 c	27.87 cd	81.87 a	56.20 a	473.3 b
Delta Pine 164 B2RF	841.3 bc	32.3 bc	4.37 b	1.13 c	26.50 d	81.53 a	56.60 a	476.0 b
Stoneville 4564 B2RF	838.7 bc	33.3 b	4.77 a	1.11 c	29.27 bc	82.63 a	55.83 a	468.0 b
Beltwide Cotton Genetics 4630 B2RF	834.7 bc	32.0 cd	4.13 c	1.18 ab	30.03 b	82.30 a	57.67 a	481.3 ab
Delta Pine 143 B2RF	808.7 c	32.7 bc	4.27 bc	1.21 a	30.70 ab	81.63 a	55.80 a	451.7 b
FiberMax 9063 B2RF	701.0 d	31.0 d	4.33 b	1.20 ab	32.40 a	82.30 a	55.88 a	392.0 c
Location Mean	834.7	32.9	4.46	1.16	29.25	82.24	56.10	468
P>F	0.0017	0.0001	0.0001	0.0009	0.0027	0.2366	0.4807	0.0039
LSD (P=.10)	64.75	1.05	0.137	0.0358	2.039	NS	NS	0.137
Standard Deviation	45.03	0.73	0.095	0.0249	1.418	0.701	1.3668	0.095
CV%	5.39	2.21	2.14	2.15	4.85	0.85	2.44	2.14

Loan based on \$0.5170/lb +/- premiums/discounts according to the 2005 USDA loan chart. Planting date: April 4 Harvest date: August 23 Row Spacing: 38 inches



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Jackson County Uniform Stacked Gene Cotton Variety Trial, 2006
Cooperator: Dale Allen Farms

Dr. Robert Lemon, Professor and Extension Cotton Specialist
 D. Joel Pigg, Extension Associate
 Dan D. Fromme, Extension Agent-Integrated Pest Management
 Mike Hiller, County Extension Agent-Agriculture and Natural Resources Jackson County
 Clay Lewis and Jess Little, Student Technicians

VARIETY	YIELD lbs/A	TURNOUT %	MIC	LENGTH inches	STRENGTH g/tex	UNIFORMITY %	LOAN VALUE cents/lb	LINT VALUE \$/A
Phytogen 485 WRF	1097.0 a	34.0 a	4.90 a	1.13 a	28.30 a	82.50 a	53.03 a	581.5 a
Delta Pine 143 B2RF	1014.0 b	34.0 a	4.30 cd	1.18 a	26.45 a	80.05 a	54.45 a	552.0 ab
Delta Pine 164 B2RF	1010.0 b	33.5 a	4.85 a	1.10 a	27.50 a	80.85 a	54.10 a	546.0 abc
Stoneville 4564 B2RF	993.0 bc	33.0 a	4.55 bc	1.14 a	28.75 a	80.95 a	56.60 a	562.0 a
Delta Pine 445 BR	969.0 bcd	34.5 a	4.70 ab	1.10 a	28.90 a	81.35 a	56.63 a	548.5 abc
CropLan 3520 B2RF	925.5 cde	33.0 a	4.10 d	1.11 a	27.30 a	81.00 a	56.38 a	512.5 bcd
Delta Pine 465 BR	920.0 de	34.0 a	4.45 bc	1.10 a	26.30 a	80.50 a	56.40 a	509.5 cd
DynaGro 2242 B2RF	897.0 e	31.0 a	4.30 cd	1.12 a	26.20 a	81.20 a	53.60 a	481.0 d
FiberMax 8063 B2RF	894.0 e	31.5 a	4.45 bc	1.15 a	26.65 a	81.30 a	53.63 a	479.0 d
Beltwide Cotton Genetics 4630 B2RF	893.5 e	30.5 a	4.15 d	1.12 a	27.80 a	81.00 a	54.78 a	489.5 d
Location Mean	962	32.9	4.48	1.13	27.42	81.07	54.76	526
P>F	0.0069	0.1563	0.0060	0.2396	0.5025	0.2165	0.1049	0.0083
LSD (P=,10)	71.58	NS	0.287	NS	NS	NS	NS	39.78
Standard Deviation	39.05	1.41	0.157	0.0288	1.431	0.684	1.1331	21.70
CV%	4.06	4.27	3.5	2.56	5.22	0.84	2.07	4.12

Loans based on \$0.5170/lb +/- premiums/discounts according to the 2006 USDA loan chart. Planting date: April 10 Harvest date: September 17 Row Spacing: 38 inches
 *** Two replications harvested for mail



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