

2013 Pennsylvania Soybean Contest



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Rank of Contest Entries

Name	Region	County	Yield	Company	Variety
Bomgardener, Jeff	Southeast Winner	Lebanon	97.38	Syngenta	S36B6
Grumbine, Darren	Southeast	Lebanon	91.04	Asgrow	3832
Stoltsfus, Merle	Southeast	Lancaster	90.04	Hubner	34-11RR2
Reiff, Elvin	Southeast	Lancaster	88.59	Hubner	42-13 RR2
Conley, John	Southeast	Lancaster	88.21	Hubner	3412
Charles, Cliff	Southeast	Lancaster	88.06	Pioneer	93M11
Shearer, Robert	Southeast	Lancaster	86.41	Pioneer	93Y84
Grumbine, Kristin	Southeast	Lebanon	86.28	Asgrow	3832
Herr, Dale A	Southeast	Lancaster	83.882	Pioneer	93M11
Krall, Glenn	Southeast	Lebanon	83.52	Pioneer	93Y22
Hershey, James E.	Southeast	Lancaster	83.42	Asgrow	3931
Manbeck, Herman	Southeast	Berks	83.26	Pioneer	93Y84
Buser, Bob	Southeast	York	82.63	Pioneer	93Y91
Wolfskill, David	Southeast	Berks	82.10	Asgrow	3832
Groff, John B.	Southeast	Lancaster	80.52	Hubner	34-11 RR2
Graybill, Jeff	Southeast	Lancaster	80.44	High Soy	38A02
Herr, Dale Jr	Southeast	Lancaster	80.02	Pioneer	93Y22
Buser, Bill	Southeast	York	76.14	Pioneer	93Y13
Kehr, Matt	Southeast	Adams	75.47	Mycogen	5N385 R2
Rohrer, Roger	Southeast	Lancaster	73.89	Pioneer	93M11

Results Continued:

Snyder, Richard D.	Northern Winner	Lycoming	73.34	Pioneer	93M11
Leshers Poultry	Southeast	Franklin	73.31	Pioneer	93Y84
Krieder, Richard	Southeast	Lebanon	71.43	Pioneer	93Y13
Reskovac, Mike	West Winner	Fayette	71.39	Dairyland Seed	2411
Bosserman, Timothy	Southeast	York	69.35	Mid Atlantic Seeds	3689NRR2
Telesz Farms	West	Lawrence	64.36	FS	33A14
Hoovler, Thomas M.	West	Mercer	61.42	Asgrow	3332
Gates, Carl	Central Winner	Centre	56.11	Pioneer	93Y91
Dorazio, Robert	West	Fayette	55.57	Pioneer	93Y22
Mellott, Steve	Southeast	Franklin	55.56	Channel	41R1R2
Burkholder, Roger	Southeast	Franklin	48.30	TA	3987R

Production Information

Yield Comparisons	Ave Bu/A
Mean Yield	76.82
No-till (83% of entries)	77.64
Min-till (13% of entries)	71.83
Conventional-Till (3% of entries)	75.47
Drill (38% of entries)	76.89
Corn planter (62% of entries)	76.78
Planted May 10 or earlier (61% of entries)	80.03
Planted May 11 to 20 (22% of entries)	74.80
Planted May 21 to 30 n=4 (1% of entries)	59.07
Rows 10" or less (29% of entries)	79.14
Rows 11" to 20" (61% of entries)	78
Rows 30" (10% of entries)	62.38
No Foliar Products Applied n=12 (20% of entries)	66.75
Foliar Fungicide Applied n=6 (1% of entries)	83.26
Foliar Insecticide Applied n=2 (10% of entries)	66.96
Combination of Foliar Fungicide and Insecticide n=6 (71% of entries)	81.84

Other Production Information

Treated Seed:	90% used treated seed
Seed Treatment(90% of entries)	77.47
No Seed Treatment (10% of entries)	70.78
No Rhizobia Inoculation (5% of entries)	74.93
Rhizobia Inoculation (95% of entries)	76.95
Calibrate seed Equip:	42%
Soil Test:	95% soil tested.
pH	6.84
P ppm	195
K ppm	195
Fertilizer:	5% used nitrogen and 39% applied foliar fertilizer.
Foliar Fertilizer n=7(45%)	75.97
No Foliar Fertilizer n=11 (61%)	78.85
Herbicide	100% utilized a herbicide. 100% utilized glyphosate as a burn down with 20% using a residual product. 100% used glyphosate for a post product and 14% used combination or post and pre for the second pass.

Yield Limiting:	Too much rain and Dry weather during podding in some areas
Average Seeds Per Pound	2679 or 140,000 per unit of seed
Average Seed Drop	167596.77
Harvest Loss	1.7bu/acre average
Average Plants at Harvest: 10.1% loss from planting	130962.23
Average Harvest Date:	23-Oct
Cover crop:	38% followed soybeans with a small grain crop.

Soybean Management Practices -Regional Award Winners

Winners Circle	Southeast	Northern	West	Central
	Jeff Bomgardener	D. Richard Snyder	Mike Reskovac	Carl Gates
Previous Crop	corn	corn	Corn	Corn
Row Width	7.5"	8"	15"	30"
Tillage Type	NO Till	Minimum till	No Till	No Till
Planter Type	Drill	Drill	Planter	Planter
Variety	S 36B6	P93M11	DS2411	P93Y91
Seeding date	5/10/2013	5/21/13	5/12/11	5/9/2013
Seeding Rate	140000	148800	139000	170000
Final Stand	119877	140481	139,382	116740
pH	?	7	6.8	6.08
P	?	High	?	Optimum
K	?	Optimum	?	Optimum
Manure	No	Yes- Poultry	No	No
Seed Treatment	Cruiser Max	Trilex plus Gaucho	Cruiser Max	Pioneer Premium
Inoculation	Yes Liquid	Pioneer Premium	Dry	Dry
Fungicides	Quilt	Headline	None	Headline
Insecticide	Hero	Warrior 2	None	Lamba T
Herbicide	Touchdown +Authority First	Round Up Power Max f/b Round Up Power Max	Round Up Power Max+ Meetoalchlor	Touchdown High Tech f/b Extreme
Date of Harvest	10/11/13	10/15/13	10/9/13	11/16/2013
Yield	97.38	73.34	71.39	56.11
Moisture	14%	15%	14%	11%
N applied	None	None	No	None
Starter Applied	None	None	Yes	None
foliar Fertilizer	Yes	None	None	Yes
Cover Crop	None	None	Rye	None
Harvest loss	.45bu/acre	2 bu/acre	.5bu/acre	1.75/acre

