

2014 Pennsylvania Soybean Contest



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Pa Soybean Board

PENN STATE
CMEG Crop Management
Extension Group

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Penn State Extension



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Rank of Contest Entries

Name	Region	County	Yield	Company	Variety
Manbeck, Herman	South Central	Berks	94.49	Pioneer	35T58R
Wolfskill, David	South Central	Berks	86.32	High Soy	HS34A16
Ranck, Rob	South Central	Lancaster	86.21	Syngenta	NkS36-B6
Stoltzfus, Merle	South Central	Lancaster	85.93	Hubner	3411
Kehr, Matt	Central	Adams	85.80	Mycogen	5N385RR2
Reiff, Elvin	South Central	Lancaster	85.52	Hubner	34-12 RR2
Grumbine, Kristin	South Central	Lebanon	83.71	Asgrow	3832
Lesher's Poultry	Central	Franklin	83.43	Pioneer	93Y84
Herr, Fred A	South Central	Lancaster	81.83	High Soy	39A22
Krall, Glenn	South Central	Lebanon	81.56	Pioneer	P35T58
Shearer, Robert	South Central	Lancaster	80.37	Pioneer	93Y84
Herr, Dale A	South Central	Lancaster	80.371	Pioneer	93Y22
Conley, John and Sam	South Central	Lancaster	79.23	Hubner	34-12RR
Gates, Carl	Central	Centre	75.51	Pioneer	93M11
Groff, John B.	South Central	Lancaster	74.99	Hubner	4213

Richard Kreider	South Central	Lebanon	74.47	Pioneer	P34T07 RR2
Hershey, James E.	South Central	Lancaster	74.43	Syngenta	S28-K1
Mutnansky, Frank	West	Fayette	71.62	Dairyland Seed	DSR2411RR
Ocher, Walter	South Central	Franklin	66.57	Hubner	3714STS
Dan Whitmer	Central	Snyder	66.46	Pioneer	93M70
Reskovic, Mike	West	Fayette	58.86	Dairyland Seed	DSR2411RR
Bomgardener, Jeff	South Central	Lebanon	55.96	Syngenta	NkS36-B6
Telesz Farms	West	Lawrence	52.76	High Soy	33A44
Snyder, Richard D.	Northern	Lycoming	45.18	Pioneer	93M11

Production Information

Yield Comparisons	Ave Bu/A
Mean Yield	75.48
No-till (83% of entries)	76.12
Min-till (17% of entries)	70.32
Drill (21% of entries)	70.33
Corn planter (79% of entries)	76.83
Planted May 10 or earlier (54% of entries)	84.68
Planted May 11 to 20 (16% of entries)	72.64
Planted May 21 to 30 n=4 (30% of entries)	66.71
Rows 10" or less (12% of entries)	67.597
Rows 11" to 20" (72% of entries)	78.57
Rows 30" (16% of entries)	78.08
No Foliar Products Applied (50% of entries)	76.80
Foliar Fungicide Applied n=6 (12% of entries)	88.87
Foliar Insecticide Applied n=2 (12% of entries)	68.64
Combination of Foliar Fungicide and Insecticide n=6 (26% of entries)	79.63

Other Production Information

Treated Seed	91% used treated seed
Seed Treatment (91% of entries)	75.87
No Seed Treatment (9% of entries)	66.57
No Rhizobia Inoculation (16% of entries)	86.13
Rhizobia Inoculation (83% of entries)	73.97
Calibrate Seed Equip	49%
Soil Test	92% soil tested.
Fertilizer	5% used nitrogen and 50% applied foliar fertilizer
Foliar Fertilizer (50%)	78.85
No Foliar Fertilizer n=11 (50%)	72.63
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	Late Planting, White Mold, Wildlife Damage, Too much rain
Average Seeds Per Pound	2787 or 140,000 per unit of seed
Average Seed Drop	165041
Average Plants at Harvest 19.1% loss from planting	133219
Average Harvest Date	October 19
Cover Crop	19% followed soybeans with a small grain crop

Soybean Management Practices - Regional Award Winners

Winners' Circle	South Central	Central	West	North
	Herman Manbeck	Matt Kehr	Frank Mutnansky	Carl Gates
Previous Crop	Corn	Corn	Corn	Corn
Row Width	15"	30"	15"	30"
Tillage Type	NO Till	No Till	No Till	Min Till
Planter Type	Planter	Planter	Planter	Planter
Variety	P35T58R	5N385RR2	DS2411RR	P93M11
Seeding date	5/9/2014	5/15/14	5/24/14	5/14/2014
Seeding Rate	190000	150000	138500	170000
Final Stand	139392	139,392	95932	139,392
Seed Treatment	Pioneer Premium		Cruiser Max	Pioneer Premium
Inoculation	No		Dry	Liquid
Fungicides	Aproach	Priaxor	None	None
Insecticide	None	None	None	Yes
Herbicide	Round Up Power Max, Envive, Scythe	Durango,Sonic	Round Up Power Max+Metolachlor, Cloak, Sharpen	NR
Date of Harvest	10/06/14	10/20/14	11/5/14	10/28/2014
Yield	94.49	85.8	71.62	45.18
Moisture	13.8%	12.8%	12.8%	11%
N applied	None	Yes	No	None
Starter Applied	None	None	No	None
Foliar Fertilizer	Yes	Yes	None	Yes
Cover Crop	None	Wheat	Rye	None