

2009 Pennsylvania Soybean Contest



Supported by the Pa Soybean Board

Prepared by: Del Voight – Senior Extension Agent – Penn State Extension

Rank of Contest Entries

Rank	Grower	Bu/A	County	Brand	Cultivar
1	Charles Farms Inc.	86.84	Lancaster	Pioneer	93M11
2	Samuel M. Conley	85.99	Lancaster	Hubner	H398RR
3	A.Dale Herr	85.42	Lancaster	Pioneer	93M11
4	Elvin Reiff	84.80	Lancaster	Hubner	H398RR
5	Cliff Stoltzfus	83.15	Chester	Northrup King	36-B6
6	James E. Hershey	80.90	Lancaster	Pioneer	93M11
7	Darren Grumbine	79.41	Lebanon	Pioneer	93M11
8	Lapp Farms	79.14	Chester	Northrup King	38D5
9	Floyd W. Kurtz	78.50	Berks	Pioneer	93M11
10	Jay Stauffer	74.22	Lancaster	Pioneer	P94Y01
11	Richard C Krieder	72.26	Lebanon	Pioneer	93M11
12	Kyle Henninger	69.81	Lehigh	Asgrow	3803
13	Ken Nolt	68.19	Lancaster	Pioneer	93M11
14	Gary Stoltzfus	68.15	Berks	Northrup King	36-B6
15	David Wolfskill	67.47	Berks	Asgrow	3803
16	Troy Aldefer	66.45	Berks	Northrup King	S36 B6
17	Herman Manbeck	61.98	Berks	Pioneer	94Y01
18	Glenn Krall	60.65	Lebanon	Pioneer	93B80
19	Mike Reskovac	58.44	Fayette	Pioneer	93Y20
20	Robert Dorazio	55.87	Fayette	Pioneer	93Y20
21	Paul Stubrick	46.39	Armstrong	Pioneer	92Y80

Production Practice Summary

Yield Comparisons	Ave Bu/A	
Mean Yield	72.09	
No-till (66% of entries)	69.73	
Min-till (33% of entries)	76.88	
Drill (58% of entries)	71.24	
Corn planter (42% of entries)	73.23	
Planted May 10 or earlier (45% of entries)	72.56	
Planted May 11 to 20 (36% of entries)	71.12	
Planted May 21 to 30 (21% of entries)	73.61	
Rows 10" or less (43% of entries)	71.61	
Rows 11" to 20" (53% of entries)	73.72	
Rows 30" (4% of entries)	65.04	
No Foliar Fungicide or Insecticide Applied (60% of entries)	66.66	
Foliar Fungicide Applied (5% of entries)	82.10	Headline, Quilt an Quadris were materials utilized.
Foliar Insecticide Applied (9% of entries)	80.90	Warrior and Sniper were products cited as being utilized
Combination of Foliar Fungicide and Insecticide (18% of entries)	78.90	

Other Production Information

Treated Seed:	86% used treated seed (of those treating, 99% used Cruiser 1 used Gaucho).
Rhizobia Inoculation:	77% of entries inoculated.
Calibrate seed Equip:	54%
Soil Test:	95% soil tested.
Fertilizer:	1% used nitrogen and 27% applied foliar fertilizer.
Herbicide	100% utilized a herbicide. 100% utilized glyphosate as a burn down with 15% using Canopy as a residual product. 100% used glyphosate for a post product and 14% used Extreme
Yield Limiting:	Lack of sunlight, downy mildew, white mold, soybean aphids and bean leaf beetles were cited has having an effect on yield.
Average Seed Drop	186195
Average Plants at Harvest: 20% loss from planting	151793
Average Harvest Date:	10-Oct
Cover crop:	66% utilized a cover crop after harvest and all of these utilized a small grain as the cover crop.

Soybean Management Practices -Top Three Award Winners.

Charles Farms		Samuel M. Conley	A. Dale Herr
County	Lancaster	Lancaster	Lancaster
Previous Crop	Corn	Small Grain	Corn
Row Width	7.5"	15"	7.5"
Tillage Type	NO Till	No till	No Till
Planter Type	Drill	Corn Planter	Drill
Variety	Pioneer 93 M11	Hubner H398RR	P93M11
Seeding date	4/28/2009	5/15/2009	4/27/2009
Seeding Rate	270,000	185,000	183,000
Final Stand	250,000	160,300	181,209
Seed Treatment	Cruiser	Gaucho	Cruiser
Inoculation	Liquid	Pre inoculant	Dry
Fungicides	2 Applications one with Quilt and 1 with Headline	None	Quadris
Insecticide	One application of Warrior	None	Sniper
Herbicide	Burndown with Touchdown plus Canopy f/b Touchdown	Burndown with Round Up with Extreme applied in season	Makaze
Date of Harvest	10/5/2009	10/22/2009	10/1/2009
Yield	86.84	85.98	85.42
Moisture	12.03%	13.70%	14.30%
Fertility	None	None	None
foliar Fertilizer	Yes	None	Yes (5-0-20-13)
Cover Crop	Barley	Wheat	Barley