

# Soybean Variety Suitability for Northeast Arkansas

			Key Environments				Management				Soils		
			Early Soybean Production System (ESPS)	Full-Season Irrigated (May 1-31)	Full-Season Dryland	Irrigated Double-Crop After Wheat	Wide rows: 30" or wider	ESPS - April 1-15	ESPS - April 15-30	High Chloride Fields	Heavy Poorly Drained Soils	Silt Loam Soils	Sandy Soils
Pioneer® brand varieties	Segment	CRM											
<b>NEW 93Y72</b>	RR/SCN	37	✓				X	X	HS	X	X	HS	HS
<b>93Y92</b>	RR/SCN	39	✓	✓			S	X	HS	X	X	HS	HS
<b>94Y20</b>	RR/SCN	42	✓	✓	✓		S	S	HS	X	S	HS	HS
<b>94Y40</b>	RR/SCN	44	✓	✓			S	X	HS	X	S	HS	HS
<b>NEW 94Y61</b>	RR/SCN	46	✓	✓	✓		S	S	HS	S	S	HS	HS
<b>94Y70</b>	RR/SCN	47	✓	✓		✓	HS	HS	HS	X	S	HS	HS
<b>94Y80</b>	RR/SCN	48	✓	✓	✓	✓	HS	HS	HS	X	HS	S	X
<b>NEW 94Y81</b>	RR/SCN	48	✓	✓		✓	HS	HS	HS	S	S	HS	HS
<b>94Y91</b>	RR/SCN	49	✓	✓		✓	HS	HS	HS	X	S	HS	S
<b>95Y01</b>	RR/SCN	50	✓	✓	✓	✓	S	HS	HS	X	HS	S	X
<b>NEW 95Y10</b>	RR/SCN	51	✓	✓		✓	HS	HS	HS	X	S	HS	HS
<b>95Y31</b>	RR/SCN	53	✓	✓	✓	✓	HS	X	S	S	HS	HS	S
<b>95Y40</b>	RR/SCN	54	✓	✓	✓	✓	HS	X	S	S	S	HS	HS
<b>NEW 95Y50</b>	RR/SCN	55	✓	✓	✓	✓	HS	X	S	S	S	HS	HS
<b>95Y70</b>	RR/STS	57	✓	✓	✓	✓	HS	X	S	S	HS	S	X

**Key:** ✓ – Past performance suitable; blank – not recommended for this environment; HS – Highly Suitable; S – Suitable; X – Poorly Suited. **High Chloride Fields:** S = Suitable (Excluder); X = Poorly Suited (Includer).

Environment/Suitability Ratings: Information and suitability ratings are based upon historical field observations and analysis of traits by Pioneer agronomists and research scientists and may not predict future results. Product responses are variable and subject to any number of environmental, disease and pest pressures. Please use this information as only part of your product positioning decision. Trait scores are based upon period-of-years testing against other Pioneer® brand products, not competitive hybrids. Scores represent an average of performance data and are assigned from research data across a wide range of climates and growing conditions and were the latest available at the time of printing. Some scores may change after 2011 harvest. Refer to [www.pioneer.com](http://www.pioneer.com) or contact a Pioneer sales professional for the latest and most complete listing of traits and scores for each Pioneer brand product. Information and results contained herein represent the average of all comparisons across the area indicated. Comparisons may be against any number of competitors, unless otherwise stated. Results may not predict future performance and may not be complete. Hybrid/Variety responses are variable and subject to any number of environmental, disease and pest pressures.

RM (Relative Maturity): Shows the relative maturity group rating, with the first digit representing the general maturity groups, and the second digit showing relative maturity within the group on a scale of 0 to 9, with 0 early and 9 late. For example, a soybean with a relative maturity rating of 47 would be a mid-late variety in Group IV maturity.



**PIONEER**<sup>®</sup>  
A DUPONT BUSINESS

Science with Service  
Delivering Success™

# Top-performing Pioneer® brand soybean varieties

## 93Y72 (RR)

RM 37

- 3.7 RM proven yield leader
- Very good plant health with strong shattering tolerance
- Can potentially harvest in late August
- Highly suited for April 15-30 ESPS irrigated or dryland
- Highly suited for sandy or silt loam soil types

## 93Y92 (RR)

RM 39

- 3.9 RM with yield leader potential
- Exceptional plant health
- Highly suited for April 15-30 ESPS irrigated or dryland
- Highly suited for full-season irrigated environments
- Highly suited for sandy or silt loam soil types

## 94Y20 (RR)

RM 42

- Early Group 4 with yield leader potential
- Tall plant type with good plant health
- 1K Phytophthora resistance
- Highly suited for ESPS or full-season irrigated and dryland environments
- Suited for most soil types

## 94Y40 (RR)

RM 44

- 4.4 RM with yield leader potential
- Outstanding stress emergence with excellent harvest standability
- Good Sudden Death Syndrome tolerance
- Highly suited for April 15-30 ESPS irrigated environments
- Highly suited for full season irrigated environments
- Highly suited for productive sandy loam and silt loam soil types

## 94Y61 (RR)

RM 46

- An exciting new 4.6 RM yield leader
- Excellent field emergence and harvest standability
- 1A Phytophthora resistance
- Excellent late-season plant health
- Highly suited for ESPS or full-season irrigated or dryland environments
- Suited for sandy loam, silt loam or clay soils
- Narrow or wide rows
- SCN Race 3 and 14 resistance

## 94Y70 (RR)

RM 47

- 4.7 RM yield leader
- Highly suited for irrigated ESPS
- Highly suited for full-season irrigated environments
- Sandy, silt loam or clay soils
- Narrow or wide rows

- Race 3 SCN resistance
- Above average Sudden Death Syndrome tolerance
- Strong harvest standability

## 94Y80 (RR)

RM 48

- 4.8 RM with yield leader potential
- 94B73 (RR) companion
- Highly suited for rice type silt loam and clay soil types
- Highly suited for ESPS
- Suited for full-season irrigated or dryland environments
- Suited for narrow or wide rows
- Race 3 SCN resistance

## 94Y81 (RR)

RM 48

- An exciting new 4.8 RM companion to 94Y70
- Highly suited for ESPS or full season irrigated environments
- Excellent field emergence and harvest standability
- SCN Race 3 and 14 resistance
- Above average Sudden Death Syndrome tolerance
- Chloride Excluder
- Suited for most soil types

## 94Y91 (RR)

RM 49

- 4.9 RM potential yield leader
- Irrigated environments only
- Highly suited for rice type silt loam and clay soil types
- 1k Phytophthora gene
- Race 3 SCN resistance
- Suited for narrow or wide rows

## 95Y01 (RR)

RM 50

- 5.0 RM soybean variety with yield leader potential
- Highly suited for ESPS and full season irrigated or dryland environments
- Suited for heavy rice type silt loam and clay soils
- Very good field emergence and early growth
- Above average plant height and canopy width
- Above average tolerance to Charcoal Rot disease
- Strong harvest standability
- Do not position where Sudden Death Syndrome is a concern

## 95Y10 (RR)

RM 51

- An exciting new 5.1 RM soybean variety with yield leader potential
- 1A Phytophthora gene
- Excellent field emergence and harvest

standability

- Above average Sudden Death Syndrome tolerance
- SCN Race 3 and 14 resistance
- Highly suited for ESPS, full season or double-crop irrigated environments
- Suited for sandy, silt loam or clay soil types
- Narrow or wide rows

## 95Y31 (RR,STS)

RM 53

- An exciting new 5.3 RM STS® variety with yield leader potential
- Very good field emergence
- Above average Stem Canker Field tolerance
- Highly suited for heavy rice type silt loam and clay soils
- Highly suited for full season irrigated or dryland environments
- Position on sandy soils only in double-crop environments
- Race 3 SCN resistance
- Good Southern Root-Knot Nematode tolerance

## 95Y40 (RR)

RM 54

- 5.4 RM yield leader
- 1K Phytophthora resistance
- Highly suited for full-season irrigated environments
- Sandy, silt loam or clay soils
- Race 3 SCN resistance
- Chloride excluder
- Narrow or wide rows

## 95Y50 (RR)

RM 55

- An exciting new 5.5 RM variety with yield leader potential
- Full-season, double-crop irrigated or dryland environments
- Good Southern Root-Knot Nematode tolerance
- Suited for most soil types
- Avoid fields where SCN is a concern
- Chloride excluder

## 95Y70 (RR/STS)

RM 57

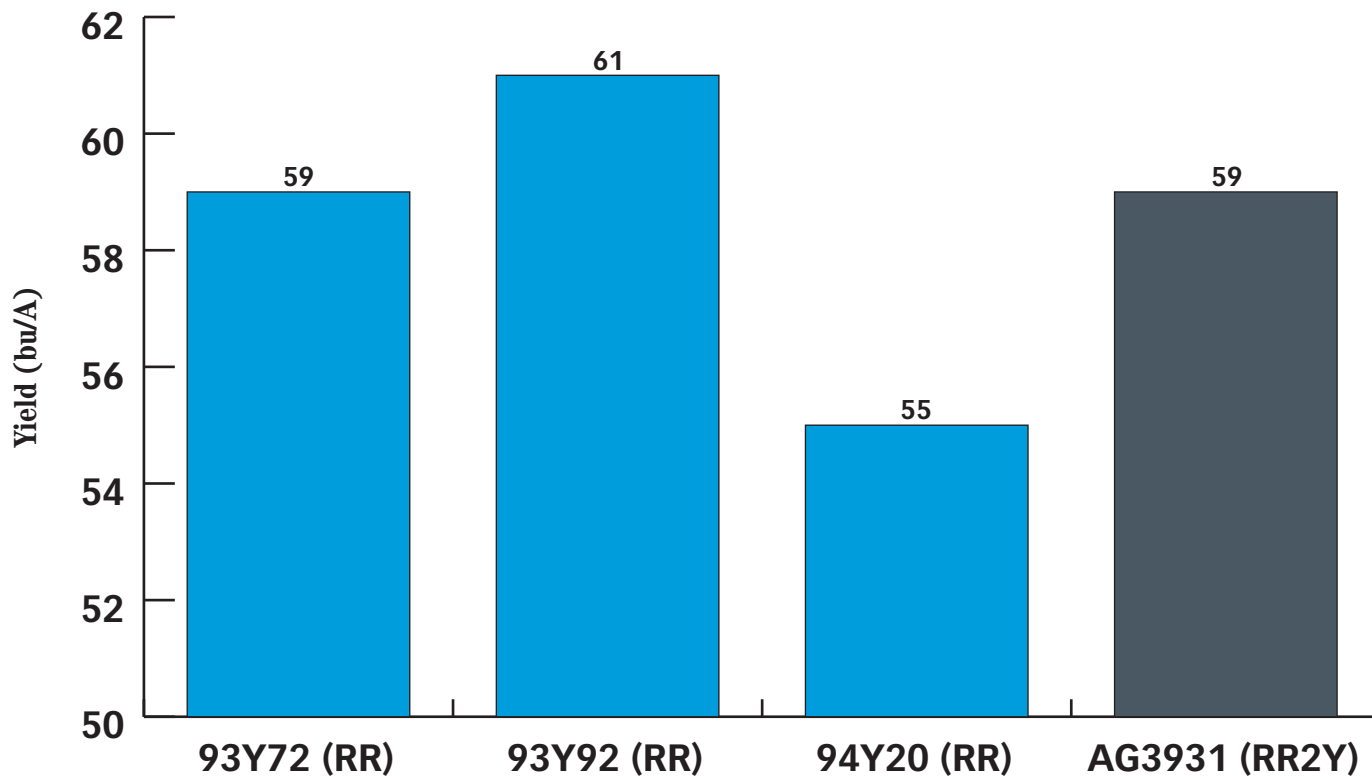
- 5.7 RM with yield leader potential and the STS® trait
- Highly suited for full-season or double-crop environments
- Suited for heavy rice type silt loam or clay soils
- Irrigated or dryland environments
- Suited for narrow or wide rows



RR – Contains the Roundup Ready® gene. ® Roundup Ready is a registered trademark used under license from Monsanto Company.  
SCN – Offers resistance to a major race of soybean cyst nematode. STS – Contains the DuPont™ STS™ trait. DuPont™ and STS™ are trademarks of DuPont or its affiliates.

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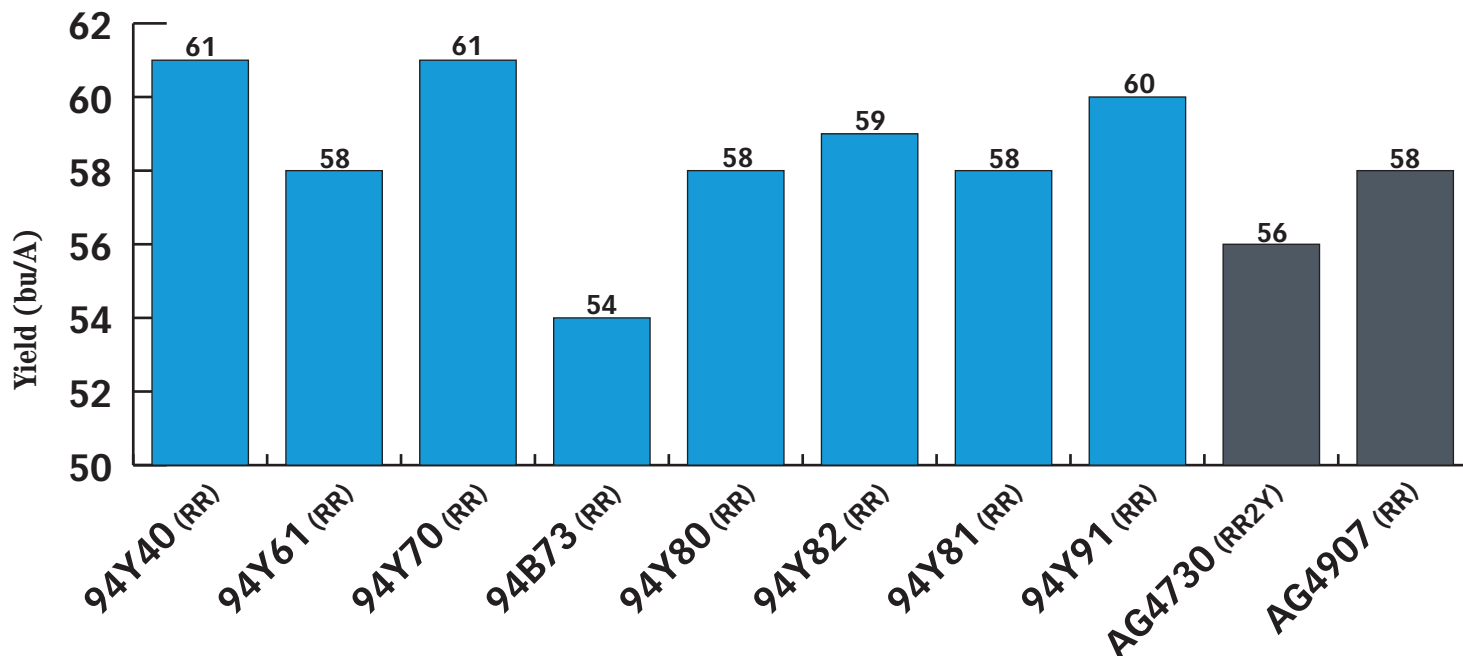
## 2011 Northeast Arkansas Soybeans: Group 3 Locations



Individual Northeast Arkansas Locations - Late Group III & Early Group IV Individual Plots					93Y72	93Y92	94Y20	AG3931
County	Cooperator	Production	Soil Type	Irrigation	Yield (bu/A)			
CLAY	MOORE	CONVENTIONAL	SANDY LOAM	FURROW	69	70	68	68
ST. FRANCIS	ROBERTS	CONVENTIONAL	SILT LOAM	FURROW	57	59	50	60
CLAY	TURNER	CONVENTIONAL	SILT LOAM	FURROW	64	64	57	61
CRITTENDEN	HOWARD	CONVENTIONAL	CLAY	FURROW	45	51	45	47
<b>Variety Average (bu/A)</b>					<b>59</b>	<b>61</b>	<b>55</b>	<b>59</b>

Additional plot results at [www.pioneer.com/yield](http://www.pioneer.com/yield). Data as of 10/27/11. Do not use this or any other data from a limited number of trials as a significant factor in product selection. Multi-year and multi-location information is a better predictor of future performance.

# 2011 Northeast Arkansas Soybeans: Group 4 Locations

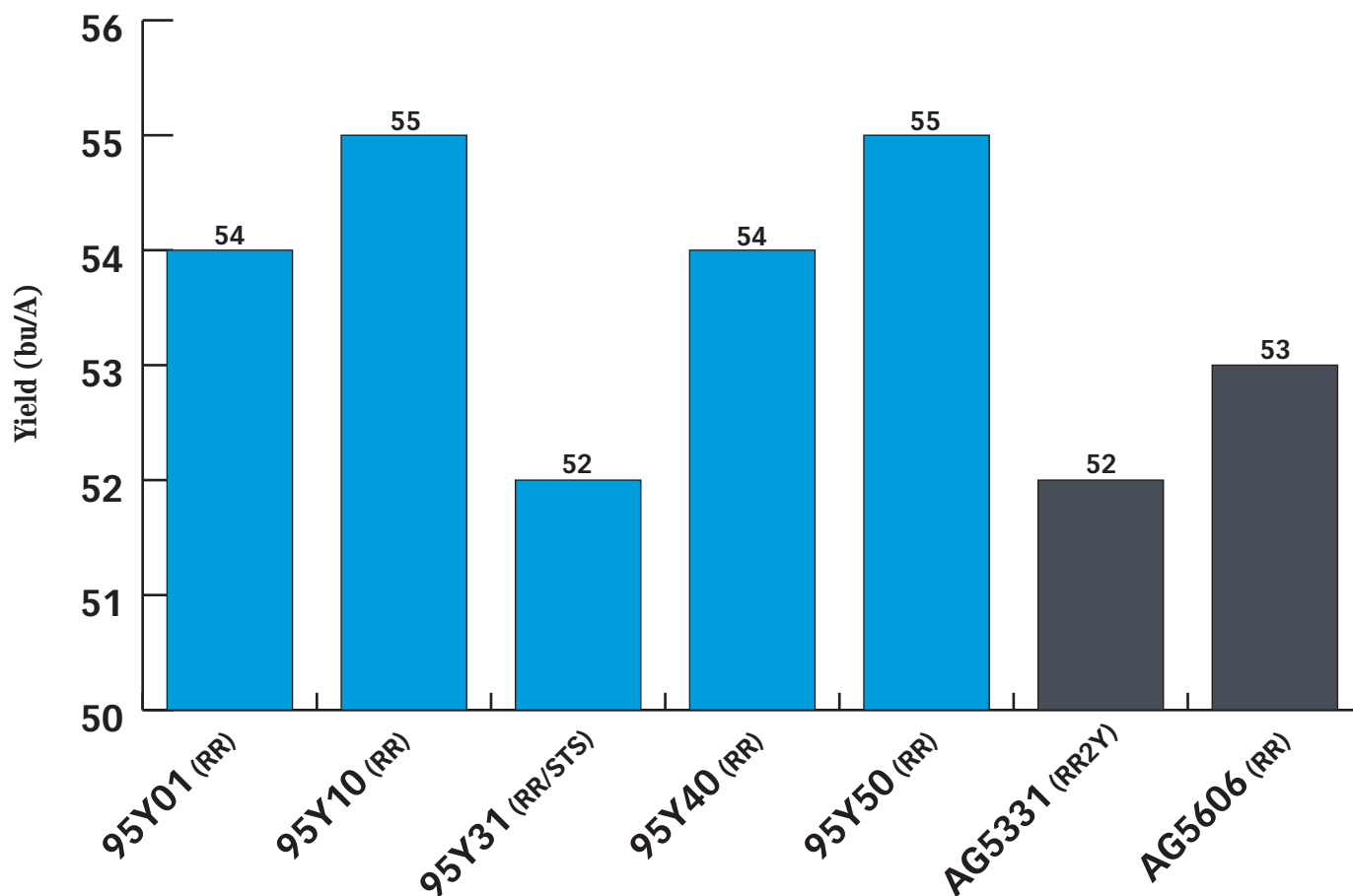


Individual Northeast Arkansas Locations - Group IV Individual Plots					94Y40	94Y61	94Y70	94B73	94Y80	94Y82	94Y81	94Y91	A4730	A4907
County	Cooperator	Production	Soil Type	Irrigation	Yield (bu/A)									
ST. FRANCIS	PAT BONDS	ESPS	SILT LOAM	PIVOT	67	68	66	60	65	67	68	65	66	66
ST. FRANCIS	PAT BONDS	ESPS	SILT LOAM	NONE	61	62	58	55	59	63	59	63	59	64
CRAIGHEAD	*RUSTY CRAIG	ESPS	SANDY	FURROW	73	54	82	51	40	64	62	77	53	63
MISSISSIPPI	ROBBIE VEACH	CONVENTIONAL	SILT LOAM	FURROW	69	66	66	63	62	67	59	63	56	53
GREENE	RUSSOM	CONVENTIONAL	SILT LOAM	FURROW	45	46	50	40	54	44	50	44	48	48
POINSETT	BINGHAM	CONVENTIONAL	SILT LOAM	FURROW	60	55	58	57	58	59	56	59	55	57
MISSISSIPPI	SULLIVAN	CONVENTIONAL	SILT LOAM	FURROW	64	62	65	57	60	62	59	62	52	54
CLAY	WILLIAMS	CONVENTIONAL	SILT LOAM	FURROW	69	70	70	63	68	68	72	71	72	71
CRAIGHEAD	*FINCH	CONVENTIONAL	SANDY	FURROW	58	44	50	37	42	35	37	46	33	48
CLAY	CATT	CONVENTIONAL	SILT LOAM	FURROW	83	78	80	67	76	69	79	78	75	79
MISSISSIPPI	HOLTHOUSE	CONVENTIONAL	CLAY	FURROW	69	68	67	63	68	64	67	69	66	68
CLAY	JETT	CONVENTIONAL	SILT LOAM	FURROW	62	61	67	59	61	63	66	64	54	61
GREENE	SCHUGG	CONVENTIONAL	SILT LOAM	FURROW	65	63	62	58	61	61	65	62	60	66
CRAIGHEAD	GARNER	CONVENTIONAL	SILT LOAM	FURROW	70	70	69	62	68	70	71	71	69	71
GREENE	VOWELL	CONVENTIONAL	SILT LOAM	FURROW	59	57	60	59	63	62	61	63	55	60
CLAY	TURNER	CONVENTIONAL	SANDY	FURROW	64	60	66	61	64	70	58	63	62	63
CRITTENDEN	HOWARD	CONVENTIONAL	CLAY	FURROW	60	48	59	44	47	59	44	55	53	54
WOODRUFF	KYLE	CONVENTIONAL	SANDY	FURROW	68	65	70	67	66	70	63	64	60	65
ST. FRANCIS	MCGRAW	CONVENTIONAL	SILT LOAM	FURROW	67	62	66	56	59	63	62	62	58	58
CRITTENDEN	CARLSON	CONVENTIONAL	CLAY	NONE	35	33	35	37	36	39	36	35	36	30
WOODRUFF	OXNER	CONVENTIONAL	CLAY	NONE	31	30	32	28	33	34	30	31	31	29
CROSS	FISHER	CONVENTIONAL	SILT LOAM	FURROW	57	57	61	55	56	57	58	58	59	57
CLAY	AHRENT	CONVENTIONAL	SILT LOAM	FURROW	61	60	64	57	63	66	58	64	60	63
MISSISSIPPI	RAMEY	CONVENTIONAL	SILT LOAM	PIVOT	51	52	53	49	55	52	51	52	52	53
CLAY	CAGLE	DOUBLECROP	SILT LOAM	FURROW	58	61	63	58	60	60	60	58	64	58
CLAY	MCNEELY	DOUBLECROP	SILT LOAM	FURROW	58	55	57	51	56	54	56	54	59	54
<b>Variety Average (bu/A)</b>					<b>61</b>	<b>58</b>	<b>61</b>	<b>54</b>	<b>58</b>	<b>59</b>	<b>58</b>	<b>60</b>	<b>56</b>	<b>58</b>

\*Moderate to heavy RKN pressure at these sites

Additional plot results at [www.pioneer.com/yield](http://www.pioneer.com/yield). Data as of 10/27/11. Do not use this or any other data from a limited number of trials as a significant factor in product selection. Multi-year and multi-location information is a better predictor of future performance.

# 2011 Northeast Arkansas Soybeans: Group 5 Locations



Individual Northeast Arkansas Locations - Group V Individual Plots					95Y01	95Y10	95Y31	95Y40	95Y50	A5331	A5606
County	Cooperator	Production	Soil Type	Irrigation Method	Yield (bu/A)						
CROSS	HESS	CONVENTIONAL	SILT LOAM	FLOOD	52	49	43	44	44	53	50
WOODRUFF	FIELDS	CONVENTIONAL	CLAY	FURROW	57	58	55	55	57	50	55
ST. FRANCIS	MOONEY	CONVENTIONAL	CLAY LOAM	PIVOT	43	47	45	45	44	39	43
POINSETT	WALTON	CONVENTIONAL	SILT LOAM	FURROW	60	64	56	59	55	60	59
CRITTENDEN	CARLSON	CONVENTIONAL	CLAY	NONE	31	34	37	38	48	25	34
WOODRUFF	MCGRAW	CONVENTIONAL	SILT LOAM	FURROW	64	64	57	57	55	57	59
WOODRUFF	BILLY KYLE	CONVENTIONAL	SANDY	FURROW	61	63	58	69	66	61	63
WOODRUFF	OXNER	CONVENTIONAL	CLAY	NONE	33	30	28	35	32	23	25
CLAY	AHRENT	CONVENTIONAL	SILT LOAM	FURROW	60	61	58	63	64	57	60
POINSETT	GAIKHAN	CONVENTIONAL	SILT LOAM	FURROW	56	57	52	60	61	56	50
WOODRUFF	GALLOWAY	DOUBLECROP	SANDY	PIVOT	62	61	61	61	65	64	59
POINSETT	GRIFFIN	CONVENTIONAL	SILT LOAM	FURROW	58	61	60	59	64	61	63
WOODRUFF	LENNY KYLE	CONVENTIONAL	SILT LOAM	FURROW	49	52	48	57	46	47	54
CLAY	CAGLE	DOUBLECROP	SILT LOAM	FURROW	60	61	54	57	58	56	56
LAWRENCE	STONE	CONVENTIONAL	CLAY	FURROW	66	64	62	50	58	64	59
<b>Variety Average (bu/A)</b>					<b>54</b>	<b>55</b>	<b>52</b>	<b>54</b>	<b>55</b>	<b>52</b>	<b>53</b>

Additional plot results at [www.pioneer.com/yield](http://www.pioneer.com/yield). Data as of 10/27/11. Do not use this or any other data from a limited number of trials as a significant factor in product selection. Multi-year and multi-location information is a better predictor of future performance.

## 2010 - 2011 Northeast Arkansas Summary Data

Pioneer® Product	Comparison Brand/Product	# of Comps	Pioneer Yield	Comp Yield	Pioneer Yield Adv	Pioneer % wins
93Y72 (RR,SCN)	Asgrow AG3931 (RR2,SCN)	6	60.0	63.5	-3.5	17%
93Y72 (RR,SCN)	Asgrow AG4031 (RR2,SCN,STS)	6	60.0	56.2	3.8	67%
93Y72 (RR,SCN)	Asgrow AG4130 (RR2,SCN)	6	60.0	58.6	1.4	50%
93Y72 (RR,SCN)	Avg	18	60.0	59.5	0.6	44%
93Y92 (RR,SCN)	Asgrow AG3931 (RR2,SCN)	7	61.4	63.1	-1.7	43%
93Y92 (RR,SCN)	Asgrow AG4005 (RR,SCN)	4	78.0	73.1	4.9	75%
93Y92 (RR,SCN)	Asgrow AG4031 (RR2,SCN,STS)	7	61.4	55.2	6.2	100%
93Y92 (RR,SCN)	Asgrow AG4130 (RR2,SCN)	7	61.4	58.5	2.9	71%
93Y92 (RR,SCN)	Asgrow AG4303 (RR,SCN)	12	65.5	61.9	3.6	83%
93Y92 (RR,SCN)	Avg	37	64.5	61.4	3.1	76%
94B73 (RR)	Asgrow AG4605 (RR,SCN,STS)	28	55.6	60.0	-4.4	25%
94B73 (RR)	Asgrow AG4606 (RR,SCN,STS)	7	62.7	61.6	1.1	43%
94B73 (RR)	Asgrow AG4630 (RR2)	26	57.4	62.8	-5.4	12%
94B73 (RR)	Asgrow AG4703 (RR,SCN)	17	63.2	68.5	-5.2	18%
94B73 (RR)	Asgrow AG4730 (RR2,STS)	42	55.4	57.5	-2.2	38%
94B73 (RR)	Asgrow AG4903 (RR,STS)	7	62.7	63.7	-1.0	57%
94B73 (RR)	Asgrow AG4907 (RR,SCN)	47	55.8	60.0	-4.2	19%
94B73 (RR)	Croplan Genetic R2C4220 (RR2,SCN)	2	57.5	56.8	0.7	100%
94B73 (RR)	Delta King DKR 4744 (RR2,STS)	2	47.1	59.1	-12.0	0%
94B73 (RR)	Avg	178	57.0	60.8	-3.7	26%
94Y20 (RR,SCN)	Asgrow AG4005 (RR,SCN)	4	71.1	73.1	-2.0	25%
94Y20 (RR,SCN)	Asgrow AG4031 (RR2,SCN,STS)	7	54.6	55.2	-0.6	43%
94Y20 (RR,SCN)	Asgrow AG4130 (RR2,SCN)	7	54.6	58.5	-3.9	14%
94Y20 (RR,SCN)	Avg	18	60.1	63.0	-2.9	29%
94Y40 (RR,SCN)	Armor 42-M1 (RR)	4	64.8	57.3	7.5	100%
94Y40 (RR,SCN)	Asgrow AG4303 (RR,SCN)	14	67.8	64.1	3.7	71%
94Y40 (RR,SCN)	Asgrow AG4531 (RR2,STS)	2	54.1	54.0	0.1	50%
94Y40 (RR,SCN)	Asgrow AG4605 (RR,SCN,STS)	26	63.3	61.0	2.4	69%
94Y40 (RR,SCN)	Asgrow AG4606 (RR,SCN,STS)	3	79.9	69.7	10.2	100%
94Y40 (RR,SCN)	Asgrow AG4630 (RR2)	14	69.2	65.6	3.6	79%
94Y40 (RR,SCN)	Asgrow AG4703 (RR,SCN)	8	73.7	68.3	5.4	88%
94Y40 (RR,SCN)	Asgrow AG4730 (RR2,STS)	55	62.4	56.3	6.1	80%
94Y40 (RR,SCN)	Asgrow DK4866RR (RR,SCN,STS)	4	77.2	75.3	1.9	75%
94Y40 (RR,SCN)	Croplan Genetic R2C4220 (RR2,SCN)	2	63.9	56.8	7.1	100%
94Y40 (RR,SCN)	Dyna-Gro 35RY47 (RR2,SCN)	2	69.6	64.6	5.0	100%
94Y40 (RR,SCN)	Dyna-Gro V48N7RS (RR,SCN,STS)	2	69.6	64.9	4.8	100%
94Y40 (RR,SCN)	Stine 4782-4 (RR,SCN,STS)	2	73.7	69.4	4.3	100%
94Y40 (RR,SCN)	Avg	138	65.4	60.9	4.5	78%

<b>Pioneer® Product</b>	<b>Comparison Brand/Product</b>	<b># of Comps</b>	<b>Pioneer Yield</b>	<b>Comp Yield</b>	<b>Pioneer Yield Adv</b>	<b>Pioneer % wins</b>
94Y50 (RR,SCN)	Asgrow AG4303 (RR,SCN)	11	68.3	65.5	2.8	64%
94Y50 (RR,SCN)	Asgrow AG4531 (RR2,STS)	3	61.4	60.7	0.7	67%
94Y50 (RR,SCN)	Asgrow AG4605 (RR,SCN,STS)	33	59.5	57.3	2.2	70%
94Y50 (RR,SCN)	Asgrow AG4606 (RR,SCN,STS)	3	80.3	69.7	10.6	100%
94Y50 (RR,SCN)	Asgrow AG4630 (RR2)	19	62.6	61.0	1.6	68%
94Y50 (RR,SCN)	Asgrow AG4703 (RR,SCN)	4	79.1	74.6	4.5	75%
94Y50 (RR,SCN)	Asgrow AG4730 (RR2,STS)	34	59.5	52.5	7.0	85%
94Y50 (RR,SCN)	Asgrow AG4907 (RR,SCN)	19	63.0	59.2	3.8	74%
94Y50 (RR,SCN)	Dyna-Gro 33G48 (RR,SCN)	2	63.6	62.0	1.5	50%
94Y50 (RR,SCN)	Avg	128	62.6	58.8	3.8	75%
94Y61 (RR,SCN)	Armor 42-M1 (RR)	3	57.2	54.8	2.4	100%
94Y61 (RR,SCN)	Asgrow AG4303 (RR,SCN)	12	64.5	64.2	0.3	58%
94Y61 (RR,SCN)	Asgrow AG4531 (RR2,STS)	4	56.6	60.0	-3.3	0%
94Y61 (RR,SCN)	Asgrow AG4605 (RR,SCN,STS)	34	57.3	57.8	-0.5	41%
94Y61 (RR,SCN)	Asgrow AG4606 (RR,SCN,STS)	3	77.7	69.7	8.0	100%
94Y61 (RR,SCN)	Asgrow AG4630 (RR2)	20	58.8	60.8	-2.0	20%
94Y61 (RR,SCN)	Asgrow AG4703 (RR,SCN)	5	74.7	74.0	0.8	60%
94Y61 (RR,SCN)	Asgrow AG4730 (RR2,STS)	52	58.5	54.6	3.9	71%
94Y61 (RR,SCN)	Avg	133	59.9	59.0	1.0	49%
94Y70 (RR,SCN)	Armor 42-M1 (RR)	4	61.8	57.3	4.5	100%
94Y70 (RR,SCN)	Asgrow AG4531 (RR2,STS)	4	56.9	60.0	-3.0	25%
94Y70 (RR,SCN)	Asgrow AG4605 (RR,SCN,STS)	44	60.8	59.8	1.0	45%
94Y70 (RR,SCN)	Asgrow AG4606 (RR,SCN,STS)	7	67.0	61.6	5.4	100%
94Y70 (RR,SCN)	Asgrow AG4630 (RR2)	26	62.7	61.8	0.9	62%
94Y70 (RR,SCN)	Asgrow AG4703 (RR,SCN)	26	69.1	66.6	2.5	65%
94Y70 (RR,SCN)	Asgrow AG4730 (RR2,STS)	70	61.2	55.8	5.4	81%
94Y70 (RR,SCN)	Asgrow AG4903 (RR,STS)	7	67.0	63.7	3.3	71%
94Y70 (RR,SCN)	Asgrow AG4907 (RR,SCN)	83	62.2	59.4	2.8	69%
94Y70 (RR,SCN)	Asgrow DK4866RR (RR,SCN,STS)	6	74.0	68.5	5.6	100%
94Y70 (RR,SCN)	Croplan Genetic R2C4220 (RR2,SCN)	2	62.3	56.8	5.5	100%
94Y70 (RR,SCN)	Delta King DKR 4744 (RR2,STS)	3	63.6	59.5	4.2	67%
94Y70 (RR,SCN)	MFA Morsoy RT 4707N (RR,SCN)	3	72.2	66.4	5.7	100%
94Y70 (RR,SCN)	Avg	285	62.8	59.9	2.9	68%
94Y80 (RR,SCN)	Asgrow AG4903 (RR,STS)	7	64.9	63.7	1.2	71%
94Y80 (RR,SCN)	Asgrow AG4907 (RR,SCN)	87	59.0	59.2	-0.2	45%
94Y80 (RR,SCN)	Asgrow DK4866RR (RR,SCN,STS)	6	70.5	68.5	2.0	50%
94Y80 (RR,SCN)	Delta King DKR 4744 (RR2,STS)	3	59.0	59.5	-0.5	33%
94Y80 (RR,SCN)	MFA Morsoy RT 4707N (RR,SCN)	2	58.1	57.9	0.2	50%
94Y80 (RR,SCN)	Avg	105	59.7	59.6	0.1	48%

<b>Pioneer® Product</b>	<b>Comparison Brand/Product</b>	<b># of Comps</b>	<b>Pioneer Yield</b>	<b>Comp Yield</b>	<b>Pioneer Yield Adv</b>	<b>Pioneer % wins</b>
94Y81 (RR,SCN)	Asgrow AG4903 (RR,STS)	7	66.6	63.7	2.9	71%
94Y81 (RR,SCN)	Asgrow AG4907 (RR,SCN)	62	58.5	57.7	0.8	58%
94Y81 (RR,SCN)	Asgrow AG5331 (RR2,SCN)	8	55.7	49.1	6.6	100%
94Y81 (RR,SCN)	Asgrow DK4866RR (RR,SCN,STS)	3	71.6	67.4	4.1	67%
94Y81 (RR,SCN)	Avg	80	59.9	59.1	0.8	55%
94Y91 (RR,SCN)	Asgrow AG4903 (RR,STS)	7	68.8	63.7	5.1	86%
94Y91 (RR,SCN)	Asgrow AG4907 (RR,SCN)	62	63.6	62.5	1.0	61%
94Y91 (RR,SCN)	Asgrow AG5301 (RR,SCN)	4	66.6	60.0	6.5	100%
94Y91 (RR,SCN)	Asgrow DK4866RR (RR,SCN,STS)	9	70.1	68.1	1.9	78%
94Y91 (RR,SCN)	Delta King DKR 4744 (RR2,STS)	3	60.2	59.5	0.7	33%
94Y91 (RR,SCN)	Avg	85	65.4	63.9	1.5	57%
95Y01 (RR,SCN)	Asgrow AG4903 (RR,STS)	7	67.0	63.7	3.3	71%
95Y01 (RR,SCN)	Asgrow AG4907 (RR,SCN)	59	58.2	57.0	1.2	53%
95Y01 (RR,SCN)	Asgrow AG5301 (RR,SCN)	4	61.6	60.0	1.6	75%
95Y01 (RR,SCN)	Asgrow AG5331 (RR2,SCN)	20	54.8	51.2	3.5	60%
95Y01 (RR,SCN)	Asgrow AG5431 (RR2)	10	55.7	48.8	6.9	80%
95Y01 (RR,SCN)	Asgrow DK4866RR (RR,SCN,STS)	2	79.2	76.6	2.6	100%
95Y01 (RR,SCN)	Avg	102	58.9	57.7	1.3	52%
95Y10 (RR,SCN)	Asgrow AG4903 (RR,STS)	7	66.1	63.7	2.4	57%
95Y10 (RR,SCN)	Asgrow AG4907 (RR,SCN)	44	59.1	56.0	3.1	66%
95Y10 (RR,SCN)	Asgrow AG5301 (RR,SCN)	4	58.5	60.0	-1.5	25%
95Y10 (RR,SCN)	Asgrow AG5331 (RR2,SCN)	20	55.7	51.2	4.5	75%
95Y10 (RR,SCN)	Asgrow AG5431 (RR2)	10	57.4	48.8	8.6	90%
95Y10 (RR,SCN)	Asgrow AG5501 (RR,SCN)	4	58.5	60.2	-1.8	50%
95Y10 (RR,SCN)	Asgrow AG5503 (RR)	12	60.7	58.1	2.6	67%
95Y10 (RR,SCN)	Asgrow AG5531 (RR2)	6	54.8	52.1	2.6	83%
95Y10 (RR,SCN)	Avg	107	59.5	56.8	2.7	62%
95Y31 (RR,SCN,STS)	Asgrow AG5301 (RR,SCN)	4	62.2	60.0	2.1	75%
95Y31 (RR,SCN,STS)	Asgrow AG5331 (RR2,SCN)	21	51.0	51.0	0.0	33%
95Y31 (RR,SCN,STS)	Asgrow AG5431 (RR2)	10	50.8	48.8	1.9	50%
95Y31 (RR,SCN,STS)	Asgrow AG5501 (RR,SCN)	4	62.2	60.2	1.9	75%
95Y31 (RR,SCN,STS)	Asgrow AG5503 (RR)	21	55.7	54.8	0.9	57%
95Y31 (RR,SCN,STS)	Asgrow AG5531 (RR2)	6	49.3	52.1	-2.8	17%
95Y31 (RR,SCN,STS)	Avg	56	54.7	55.3	0.5	41%

<b>Pioneer® Product</b>	<b>Comparison Brand/Product</b>	<b># of Comps</b>	<b>Pioneer Yield</b>	<b>Comp Yield</b>	<b>Pioneer Yield Adv</b>	<b>Pioneer % wins</b>
95Y40 (RR,SCN)	Asgrow AG5301 (RR,SCN)	4	69.2	60.0	9.2	100%
95Y40 (RR,SCN)	Asgrow AG5331 (RR2,SCN)	21	54.9	51.0	3.9	62%
95Y40 (RR,SCN)	Asgrow AG5431 (RR2)	10	55.9	48.8	7.1	80%
95Y40 (RR,SCN)	Asgrow AG5501 (RR,SCN)	4	69.2	60.2	9.0	100%
95Y40 (RR,SCN)	Asgrow AG5503 (RR)	21	59.2	54.8	4.4	86%
95Y40 (RR,SCN)	Asgrow AG5531 (RR2)	6	55.4	52.1	3.3	83%
95Y40 (RR,SCN)	Asgrow AG5605 (RR,SCN,STS)	4	69.2	65.5	3.8	100%
95Y40 (RR,SCN)	Asgrow AG5606 (RR,SCN)	18	56.3	56.6	-0.3	61%
95Y40 (RR,SCN)	Avg	88	58.6	55.0	3.6	72%
95Y50 (RR)	Asgrow AG5301 (RR,SCN)	4	69.1	60.0	9.1	100%
95Y50 (RR)	Asgrow AG5331 (RR2,SCN)	21	54.2	51.0	3.3	67%
95Y50 (RR)	Asgrow AG5431 (RR2)	10	53.7	48.8	4.9	70%
95Y50 (RR)	Asgrow AG5501 (RR,SCN)	4	69.1	60.2	8.9	100%
95Y50 (RR)	Asgrow AG5503 (RR)	6	59.2	51.3	8.0	67%
95Y50 (RR)	Asgrow AG5531 (RR2)	6	54.3	52.1	2.2	67%
95Y50 (RR)	Asgrow AG5605 (RR,SCN,STS)	4	69.1	65.5	3.6	100%
95Y50 (RR)	Asgrow AG5606 (RR,SCN)	18	56.3	56.6	-0.2	56%
95Y50 (RR)	Asgrow AG5831 (RR2)	8	53.2	50.0	3.1	75%
95Y50 (RR)	Avg	81	57.7	53.9	3.8	71%
95Y70 (RR,STS)	Asgrow AG5501 (RR,SCN)	3	65.0	60.6	4.4	100%
95Y70 (RR,STS)	Asgrow AG5503 (RR)	6	56.3	51.8	4.5	67%
95Y70 (RR,STS)	Asgrow AG5531 (RR2)	6	51.0	52.1	-1.1	50%
95Y70 (RR,STS)	Asgrow AG5605 (RR,SCN,STS)	3	65.0	67.4	-2.5	0%
95Y70 (RR,STS)	Asgrow AG5606 (RR,SCN)	9	52.8	55.5	-2.7	22%
95Y70 (RR,STS)	Asgrow AG5831 (RR2)	8	48.7	50.0	-1.4	50%
95Y70 (RR,STS)	Avg	35	53.5	52.4	1.1	57%

# Soybean Trait Scores for Northeast Arkansas

Pioneer® brand Varieties	RM <sup>1</sup>	Segment <sup>2</sup>	Patent Status <sup>3</sup>	Field Emergence <sup>4</sup>	Canopy Width <sup>5</sup>	Plant Height for Maturity <sup>6</sup>	Plant Habit <sup>7</sup>	Pubescence Color <sup>8</sup>	Pod Color <sup>9</sup>	Shattering Tolerance <sup>10</sup>	Harvest Standability	Percent Protein [ @ 13% Moisture ] <sup>11</sup>	Percent Oil [ @ 13% Moisture ] <sup>12</sup>	Phytophthora Resistance Gene <sup>13</sup>	Phytophthora Field Tolerance <sup>14</sup>	Sudden Death Syndrome	Charcoal Rot Disease Complex <sup>15</sup>	Stem Canker Field Tolerance <sup>16</sup>	Frogeye Leaf Spot	SCN Resistance Source <sup>17</sup>	SCN Race 1 <sup>18</sup>	SCN Race 2 <sup>18</sup>	SCN Race 3 <sup>18</sup>	SCN Race 5 <sup>18</sup>	SCN Race 14 <sup>18</sup>	Southern Root-Knot Nematode
93Y72*	37	RR	I	8	6	7	Ind	G	BR	7	6	33.1	19.5	-	5	6	5			PI88788			8		7	
93Y92	39	RR	I	8	6	7	Ind	L	TN	8	7	33.8	18.9	-	4	6	5		9	PI88788			8			
94Y20	42	RR	I	8	7	7	Ind	L	BR	8	6	34.7	19.2	1k	5	6	6		6	PI88788			8			
94Y40	44	RR	I	8	6	5	Ind	L	TN	9	8	35.7	20.0	1k	4	6	5			PI88788			8			
94Y61*	46	RR	I	8	6	7	Ind	L	TN	9	8	35.3	18.1	1a	6	6				PI88788			8		8	
94Y70	47	RR	I	7	7	7	Ind	T	BR	8	8	33.6	19.5	-	5	6	5	6		PI88788			8			1
94Y80	48	RR	I	6	7	6	Ind	L	BR	8	6	34.9	19.6	-	4	6	6	7	8	PI88788			8			1
94Y81*	48	RR	I	8	7	7	Ind	L	BR	9	8	34.5	18.4	-	5	7				PI88788			8		9	
94Y91	49	RR	I	7	7	6	Ind	L	BR	7	7	33.8	20.0	1k	7	7	5	6		PI88788			8			1
95Y01	50	RR	I	7	7	7	Ind	T	BR	9	7	35.4	19.2	-	5	4	6	5		PI88788			8		7	1
95Y10*	51	RR	I	8	7	7	Ind	L	TN		8	35.3	19.1	1a	5	7				PI88788			8		8	
95Y31	53	RR/STS	I	7		5	Det	T	TN			35.6	18.5	-	7	6		7		PI88788			8			7
95Y40	54	RR	I	7	8	4	Det	T	BR		9	35.8	19.4	1k	6	6		3		PI88788	1		8			3
95Y50*	55	RR	I			5	Det	G	TN			35.4	19.2	3c				6								7
95Y70	57	RR/STS	I	8	8	6	Det	G	TN		7	34.3	19.8	-	8	4			6							8

Ratings: 9 = Outstanding 1 = Poor Blank = Insufficient Data or variety not tested for that particular trait \*New Product fo 2012

See additional footnotes and information on the following page.



**PIONEER®**  
A DUPONT BUSINESS

Trait ratings provide key information useful in selection and management of Pioneer® brand products in your area. Scores are based on period-of-years testing through 2009 harvest and were the latest available at time of printing. Some scores may change after 2010 harvest. Contact your Pioneer sales professional before planting for the latest trait rating information.

**IMPORTANT:** Information and ratings are based on comparisons with other Pioneer brand varieties, not competitive varieties. Information and ratings are assigned by Pioneer Agronomists and Research Managers, based on average performance across area of adaptation under normal conditions, over a wide range of both climate and soil types, and may not predict future results. Product responses are variable and subject to any number of environmental, disease and pest pressures. Please use this information as only part of your product positioning decision. Refer to [www.pioneer.com/growingpoint](http://www.pioneer.com/growingpoint) or contact a Pioneer sales professional for the latest and most complete listing of traits and scores for each Pioneer brand product.

**NUMERIC RATINGS:** 9 = Excellent; 1 = Poor; Blank = Insufficient Data or variety not tested for that particular trait.

**1 RELATIVE MATURITY:** Shows the relative maturity group rating, with the first digit representing the general maturity group, and the second digit showing relative maturity within the group on a scale of 0 to 9, with 0 early and 9 late. For example, a soybean variety with a relative maturity rating of 17 would be a mid-late variety in Group I maturity.

**2 HERBICIDE RESISTANCE:** Varieties with the original Roundup Ready® gene (RR) are resistant to labeled glyphosate herbicides. This technology allows for post-emergent applications of glyphosate herbicide without crop injury or stress (see herbicide label). Labeled glyphosate herbicides should only be used over the top of those varieties that carry the Roundup Ready gene designation.

**NOTE:** A soybean variety with a herbicide resistance trait does not confer resistance to all herbicides. Spraying herbicides not labeled for a specific soybean variety will result in severe plant injury or plant

death. Always read and follow herbicide label directions. Varieties with the DuPont™ STS™ gene (STS) are tolerant to DuPont™ Synchrony® STS™ and DuPont™ Classic® herbicides. This technology allows post-emergent applications of sulfonylureas (see herbicide product labels) without crop injury or stress. **NOTE:** A soybean variety with a herbicide resistance trait does not confer resistance to all herbicides. Spraying herbicides not labeled for a specific soybean variety will result in severe plant injury or plant death. Always read and follow herbicide label directions.



® Roundup Ready is a registered trademark used under license from Monsanto Company. DuPont™, STS™, Synchrony® STS™ and Classic® are trademarks or registered trademarks of DuPont or its affiliates.

**3 PATENT STATUS (as of 12/10/09):** 1 = Patent issued. Pioneer soybean varieties protected by patents or containing a patented gene or trait are licensed to a purchaser solely for the purpose of producing a single commercial crop.

**4 FIELD EMERGENCE:** Rating based on speed and strength of emergence in sub-optimal temperatures. 4-6 = Average; 7-9 = Excellent.

**5 CANOPY WIDTH:** 9 = Extremely bushy; 1 = Very narrow.

**6 PLANT HEIGHT FOR MATURITY:** 9 = Tall; 1 = Short.

**7 PLANT HABIT:** IND = INDETERMINATE-type soybeans grown in Group 00-IV regions. These plants typically continue to grow as they flower, resulting in a longer pod fill time. You may find nearly mature seeds at the bottom of a plant that is still flowering at the top.

DET = DETERMINATE soybeans grown in Group V and later maturities. These plants typically stop growing once they begin to flower, and all flowering occurs within a more defined timeframe.

**8 PUBESCENCE COLOR:** T = Tawny; G = Gray; L = Light tawny.

**9 POD COLOR:** BR = Brown; TN = Tan.

**10 SHATTERING:** 9 = Excellent tolerance to shattering; 1 = Poor tolerance to shattering.

**11 % PROTEIN AT 13% MOISTURE:** Compare data within table only. Values can vary widely by growing season and region.

**12 % OIL AT 13% MOISTURE:** Compare data within table only. Values can vary widely by growing season and region.

**13 PHYTOPHTHORA RESISTANCE GENE:**

(-) = No specific gene for resistance.

1k = Provides resistance to races 1-11, 13-15, 17, 18, 21-24, 26, 36, 37.

**14 PHYTOPHTHORA FIELD TOLERANCE:** Varieties with high tolerance scores have demonstrated an ability to thrive in the presence of Phytophthora races to which they lack specific resistance. In some varieties, tolerance is expressed only after the early seedling growth stage, making such varieties susceptible to damping off during emergence and early seed growth.

**15 CHARCOAL ROT DISEASE COMPLEX:** A fungal disease that is enhanced by hot and dry conditions, especially during reproductive growth stages. Scores based on Pioneer research observations of the comparative ability to tolerate drought and limit losses from charcoal rot infection among various soybean varieties.

**16 STEM CANKER FIELD TOLERANCE:** Varieties with high field tolerance scores have demonstrated an ability to thrive in the presence of stem canker although they do not contain a specific stem canker resistance gene.

**17 SCN RESISTANCE SOURCE:** There are three sources of genetic resistance to SCN currently deployed in the marketplace: PI88788; PI548402 (also known as Peking); and PI437654 (also known as Hartwig).

**18 SOYBEAN CYST NEMATODE [SCN]:** Resistance to each of the major SCN races is scored on a 1-9 scale. 9 = Excellent resistance; 8-7 = Very good resistance; 4 = Below average resistance; 3-2 = Susceptible; 1 = Highly susceptible; to the specific race indicated.