

Pioneer® brand Corn Products*

Hybrid Family ¹	Hybrid/Brand**	Market Segment ²	CRM ³	Silk CRM	GDUs to Silk	GDUs to Ply, Mat. ⁴	Grain Drydown ⁵	Stalk Strength	Root Strength	Stress Emergence ⁶	Staygreen	Drought Tol. ⁷	Ear Flex ⁸	Test Wt. ⁹	Plant Ht. ¹⁰	Mid-Season Brittle Stalk ¹¹	Gray Leaf Spot ¹²	No. Leaf Blight ¹³	So. Leaf Blight	Boss's Wilt	Anthrac. Stalk Rot	Fus. Ear Rot ¹⁴	Gibberella Ear Rot ¹⁵	Diplodia Ear Rot ¹⁶	Foliar Fungicide Response-GLS ¹⁷	Foliar Fungicide Response-NLB ¹⁸	Suitability Ratings ¹⁹														
																											Variable Yield Environment	Poorly Drained Soils	Drought-Prone Clay Soils	Drought-Prone Sandy Soils	Irrigation	Early Planting/Cold Soils	Late Harvest	Corn After Corn	High Yield Environments	High Residue Suitability					
P0216	P0216AM™	HTF	102	107	1330	2600	5	6	6	5	5	8	6	4	7	5	4	5		7	3	4	4	4	HP	MP	S	S	HS	HS	S	S	MA	S	S	S	S				
P0496	P0496AMX™	AQ,HAE,HTF	104	104	1300	2550	8	6	7	6	5	9		6	6	3	4	6		4	4	4	4	5	HP	LP	HS	HS	HS	HS	S	HS	S	S	S	S	S				
P0636	P0636AM™ P0636AMX™ <small>NEW</small>	AQ,HAE,HTF,HES	106	108	1340	2580	6	5	7	6	5	9	6	4	7	6	5	4	3	4	4	4	4	6	MP	HP	S	HS	HS	HS	HS	MA	HS	HS	S	S	S	S			
P0858	P0858AMX™	YFC,HAE,HTF	108	104	1300		4	4	4	5	4	7		7	5	7	4	4	3	5	4	6	4	5	HP	HP	S	S	S	MA	MA	S	MA	MA	S	S	S				
P0909	P0909AM™ <small>NEW</small>	YFC,HTF,HES	109	104	1300	2470	PA	PBA	PA	PAA	PA	PAA	PA	PA	PAA	PAA	PA	PAA	PA	PBA	PAA	PAA	PBA	PBA	MP	MP	HS	S	HS	HS	S	S	MA	MA	HS	S	S				
P0928	P0928 <small>NEW</small>	YFC,HTF,HES	109	111	1380		PA	PBA	PBA	PAA	PAA	PAA		PAA	PAA	PBA	PA	PAA	PAA	PAA	PAA	PBA	PA	PBA	MP	LP	S	S	S	S	S	S	S	S	S	S	HS	HS			
P0945	P0945AMX™ <small>NEW</small>	AQ,HAE,HTF	109	108	1340		4	3	3	6	5	9		5	7	7	5	5	3	5	3	4	4	5	MP	MP	HS	HS	HS	HS	S	HS	MA	S	HS	S	S	S	S		
P0993	P0993 P0993HR	HAE,HTF	109	106	1320	2600	8	5	5	5	6	8	6	5	6	7	5	4	3	6	4	6	5	4	MP	HP	HS	HS	HS	HS	S	HS	S	S	S	S	S	S	S	S	
P0987	P0987 P0987AM™	YFC,HAE,HTF,HES	109	108	1340	2630	5	5	6	5	7	7	6	6	4	6	5	4	6	7	3	3	5	6	MP	HP	S	S	S	S	S	S	S	S	S	S	S	S	S		
P1023	P1023AM™ <small>NEW</small>	HTF	110	111	1380	2700	6	6	8	5	8	8	7	5	5	7	5	6	5	7	4	3	6	5	MP	LP	HS	S	S	S	S	S	S	HS	HS	S	S	S	S	S	
P1184	P1184	YFC	111	112	1390	2650	5	7	8	5	8	7	6	6	7	3	5	5	5	7	4	5	4	5	MP	MP	S	HS	S	S	S	HS	S	HS	HS	S	S	S	S	S	
P1197	P1197AM™ P1197AMXT™ <small>NEW</small>	HTF,HES	111	113	1400	2730	PAA	PAA	PAA	PA	PAA	PAA		PA	PAA	PAA	PA	PAA		PAA	PAA	PAA	PA	PA	MP	LP	HS	S	S	S	S	HS	S	HS	S	HS	S	S	S	S	
P1105	P1105AM™ P1105R	YFC,HTF	111	114	1420	2630	5	5	6	5	8	7		6	8	5	6	5	6	7	4	3	6	5	LP	MP	HS	HS	S	S	HS	S	MA	HS	HS	S	S	S	S	S	
P1221	P1221AMXT™	YFC,HTF	112	111	1380	2760	8	7	7	5	7	8	6	6	5	6	6	6	5	7	5	5	5	5	5	LP	LP	S	S	HS	S	S	S	HS	HS	S	S	S	S	S	
P1248	P1248AM™	AQ, HES	112	109	1360	2600	8	8	4	5	7	9		5	7	7	6	5	5	6	5	5		4	LP	MP	HS	S	HS	HS	S	S	HS	HS	S	S	S	S	S	S	
P1257	P1257AM™ <small>NEW</small>	HTF,HES	112	114	1420		PAA	PA	PAA	PAA	PAA	PAA		PA	PAA	PAA	PAA	PA	PBA	PA	PAA	PAA	PBA	PA	LP	MP	S	S	MA	MA	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	
P1352	P1352AMXT™ <small>NEW</small>	AQ,YFC	113	107	1330	2580	4	5	5	4	5	9	7	5	6	6	4	5	4	5	3	4	5	5	HP	MP	HS	S	HS	S	S	S	HS	S	S	S	S	S	S	S	
P1319	P1319 P1319HR	YFC	113	113	1400	2730	5	5	8	4	6	7	7	9	4	5	5	5	6	4	5	4	5	4	5	MP	MP	S	S	MA	MA	HS	MA	MA	S	HS	S	S	S	S	
P1395	P1395HR	YFC,HAE,HTF	113	113	1400	2730	6	6	5	6	8	7	5	5	6	7	6	5	5	7	5	7	4	5	LP	MP	HS	MA	S	S	HS	S	S	HS	HS	HS	HS	HS	HS	HS	HS
P1360	P1360 P1360HR P1360AM™	YFC,HTF,HES	113	115	1430	2760	5	6	6	5	7	7	6	7	5	4	6	6	4	7	6	7	3	6	LP	LP	S	HS	S	MA	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS	HS
33T56	33T55 (RR2) 33T56		113	111	1380	2700	5	7	4	5	5	8	5	6	4	4	5	5	5	7	4	4	4	5	MP	MP	HS	S	HS	HS	S	S	HS	S	HS	S	S	S	S	S	
P1339	P1339AM™		113	114	1420	2760	4	5	6	5	6	7	7	6	8	3	6	5		5	4	4	4	5	LP	MP	HS	S	S	MA	HS	S	S	S	HS	S	S	S	S	S	
P1479	P1479AM™ <small>NEW</small>	HAE	114	115	1430	2730	PBA	PAA	PBA	PA	PAA	PAA		PA	PAA	PA	PAA	PA	PBA	PAA	PAA	PBA		PAA	LP	MP	HS	S	HS	HS	S	S	HS	HS	HS	HS	HS	HS	HS	HS	HS
P1498	P1498 P1498AM™ P1498R P1498HR	AQ,YFC,HAE	114	110	1370	2700	5	6	5	6	7	9	7	6	6	6	6	5	5	6	4	7	4	5	LP	MP	HS	S	HS	HS	HS	HS	S	HS	S	S	S	S	S	S	S
P1646	P1646AM™ <small>NEW</small>	HAE	116	115	1430	2830	6	7	8	5	5	8		5	7	4	5	4	5	6	4	6		6	MP	HP	HS	S	HS	S	S	S	S	S	S	S	S	S	S	S	S
P1636	P1636AM™	YFC,HAE	116	117	1450	2860	8	6	8	4	7	7	6	6	8	6	5	5	5	7	3	5			6	MP	MP	S	S	S	MA	HS	S	S	S	S	S	S	S	S	
P1602	P1602AM™ P1602	YFC,HTF	116	115	1430	2830	6	5	8	4	8	7		7	9	4	5	4	6	6	4	5			5	MP	HP	S	S	MA	MA	HS	S	S	S	HS	S	S	S	S	
P2088	P2089AM™ <small>NEW</small>	HTF	120	117	1450	2910	7	8	4	4	8	7	8	6	8	7	6	5	6	7	5	4			5	LP	MP	HS	S	S	S	S	HS	S	S	S	HS	S	S	S	S
WHITE																																									
P1431W	P1431W P1431WR	WH,HAE	114	112	1390	2730	6	7	6	6	7	7	4	6	4	6	6	4	6	6	6	5			5	LP	HP	HS	HS	S	S	S	HS	HS	HS	S	HS	S	S	S	S
P1477W	P1477W P1477WHR	WH,HAE	114	111	1380	2680	6	8	8	5	8	7		7	9	4	6	6	5	8	6	6			5	LP	LP	HS	HS	HS	S	HS	HS	HS	HS	S	HS	S	S	S	HS
P1659W	P1659W P1659WHR	WH,HAE	116	114	1420	2760	7	8	7	5	8	7		7	8	4	6	6	4	7	7	6			5	LP	LP	HS	S	HS	S	HS	HS	HS	HS	HS	HS	S	HS	S	HS
32B10	32B09 (RR2) 32B10 32B16 (HX1,LL,RR2)	WH,HAE,HTF	117	117	1450	2830	6	7	4	5	6	7	6	7	8	4	5	5	6	7	5	6	4	5	MP	MP	S	S	S	S	S	HS	S	S	S	S	S	S	S	S	S
WAXY																																									
P0413	P0413E	WX,HAE,HTF	104	100	1250	2500	5	6	5	5	4	8	5	6	3	6	4	5		7	3	3	5	6	HP	MP	HS	S	HS	HS	S	S	S	MA	S	S	S	S	S	S	
35K01	35K08	WX,HAE,HTF	106	105	1310	2530	6	5	5	5	5	7	5	8	7	7	5	4	2	6	4	4	4	6	MP	HP	HS	HS	HS	HS	MA	HS	MA	S	S	S	S	S	S	S	
P0832	P0832E	WX,HTF,HES	108	108	1340	2650	4	4	4	5	5	7	7	6	6	5	4	5	4	7	4	5	4	5	4	HP	MP	S	S	S	S	S	S	MA	S	HS	S	S	S	S	
P1018	P1018E	WX,HTF,HES	110	109	1360	2730	6	6	4	5	8	7	7	4	6	4	6	5	4	6	7	5	3	8	LP	MP	HS	HS	HS	S											

Pioneer® brand Soybean Varieties

Variety/Brand**	Relative Maturity ¹	Herbicide Resistance ²	Harvest Standability	Field Emergence ³	Phytoph. Resist. Gene ⁴	Phytoph. Field Tol. ⁵	Brown Stem Rot	Iron Def. Chlorosis	White Mold ⁶	Sudden Death Syndrome	SCN Resistance Source ⁷	SCN Race 3 ⁸	SCN Race 14 ⁸	Aphid Antibiosis ⁹	Charcoal Rot ¹⁰	Frogeye Leaf Spot	Canopy Width ¹¹	Shattering ¹²	Plant Height for Maturity ¹³	U.S. Germplasm Patent Status ¹⁴	Suitability Ratings ¹⁵						
																					Poorly Drained Soils	Drought-Prone Soils	Irrigated	Early Planting/Cool Soils	Wide Rows - 30"	Highly Productive Soils	Beans After Beans
P28T33R	28	RR	6	6	1k	4	8	3	4	7	PI88788	9	8	AA	3	8	5		5	I	S	S	HS	HS	S	HS	S
93Y05	30	RR	8	8	1k	5	2	4	5	6	PI88788	8	7	A	5	5	6	9	5	I	HS	HS	HS	HS	S	HS	S
P31T11R <small>NEW</small>	31	RR	7	7	1k	6**		4	4	7	PI88788	9**			3	3**	5**		5	I	HS	S	HS	HS	S	HS	S
P33T72R <small>NEW</small>	33	RR	7	7	1k	5	5	3	4	5	PI88788	8	5**	A	1	7	6	8**	5	I	HS	MA	S	S	S	HS	S
P34T07R2 <small>NEW</small>	34	RR2Y	6**	8	1c		9	4**	2	6	PI88788	9**		A	9	1	6		5**	A	S	S	S	S	S	MA	S
P34T35L	34	LL	7		-	7				6	PI88788	9			5		6		4		S	S	S	S	S	MA	S
P35T45R <small>NEW</small>	35	RR	6	7	1k	4	3	5	4	5	Peking	9	3**	A	6	7	6	9**	7	I	HS	HS	S	S	HS	S	S
P35T58R	35	RR	6	6	-	5	3	3	3	6	PI88788	9	8	A	3	4	5		7	I	S	HS	S	S	S	HS	S
P35T97R2 <small>NEW</small>	35	RR2Y	6**	8	1c	6**	9	4**	2	6	PI88788	8**		A	6	2	6		7	A	S	S	S	S	HS	HS	MA
93Y72	37	RR	6	7	-	5		4	2	6	PI88788	8	7	A	3	5	6	7	7	I	MA	HS	S	S	HS	S	S
P37T09L™ <small>NEW</small>	37	LL	8	7**	1c	7		5**		6**		7			8	4**	5**		4**		S	S	S	S	S	S	S
93Y84	38	RR	7	7	1k	6		3	4	6	PI88788	8	6	A	5	4	6	8	4	I	S	S	HS	HS	S	HS	S
93Y92	39	RR	6	7	-	4		3	3	6	PI88788	8	8	A	4	9	6	8	7	I	MA	HS	S	S	S	S	S
P39T67R	39	RR	7	7	1k	4		3	2	6	PI88788	7	8	A	2	4	6	9	4	I	S	S	S	S	S	HS	S
94Y23	42	RR	8	8	-	3		4		6	PI88788	9	5	BA	5	4	6	8	5	I	MA	S	HS	S	S	HS	S
P42T91SR <small>NEW</small>	42	STS/RR	8	8	1c	5		5	4**	5	PI88788	8	6**	AA	5	6	6		7	I	S	HS	S	MA	S	HS	S
P43T14L™ <small>brand</small>	43	LL	7		-	7				6	PI88788	8			6						S	S	S	S	S	MA	S
P44T63R	44	RR	8	7	-	4		5		6	PI88788	8	6	AA	4	5	6		4	I	S	S	HS	S	S	HS	S
P44T82SR	44	STS/RR	7		-	5		4		4	PI88788	6		BA	3	5	6		5	I	MA	S	MA	MA	S	MA	S
94Y50	45	RR	7	7	-	5		2		5	PI88788	8	8	BA	3	6	7	8	7	I	S	HS	S	S	HS	S	S
P47T36R	47	RR	8		-	5		4		6	PI88788	8	8	A	3	5	7	9	5	I	S	S	HS	S	S	HS	S
P48T53R	48	RR	7		-	5		2		6	PI88788	8	8	A	8	8	6	8	5	I	S	HS	S	S	S	HS	S
CONVENTIONAL																											
P33T60 <small>NEW</small>	33	-	8	7	1c	5		2	3**	4**	PI88788	8	8		4	5	5		5	A	S	S	S	S	S	HS	S
93Y41	34	-	6	8	1c	5		4		6	PI88788	8	7	A	3	9	6	8	6	I	S	S	S	HS	S	HS	S
93B82	38	-	7	8	1k	6	7	5	5	4				A	2	6	6	8	6	I	S	S	S	S	HS	S	MA
93Y83	38	-	7	9	1c	6		4		6	PI88788	9		A	6	4	6	8	7	I	S	HS	S	S	HS	S	S
94Y21	42	-	8	8	1c	6		2		7	PI88788	9	7	A	5	6	6		7	A	HS	MA	HS	HS	HS	S	MA

** Ratings denoted with a double asterisk (**) reflect preliminary data subject to change when additional data becomes available.

** All Pioneer products are varieties unless designated with LL, in which case some are brands.

IMPORTANT: 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. Individual results may vary.

Trait ratings provide key information useful in selection and management of Pioneer® brand products in your area. Scores are based on testing through 2013 harvest and were the latest available at time of printing. Some scores may change after 2014 harvest. Information and ratings are 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. Refer to 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 and for product placement and management suggestions specific to your operation and local conditions.

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 product with a relative maturity rating of 17 would be a mid-late product in Group 1 maturity.

2 HERBICIDE RESISTANCE: Always follow grain marketing, stewardship practices and pesticide label directions. Varieties with the original Roundup Ready® trait (RR) and the Genity® Roundup Ready 2 Yield® (RR2Y) trait contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genity®, Roundup®, Roundup Ready® and Roundup Ready 2 Yield® are registered trademarks of Monsanto Technology LLC used under license. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

3 FIELD EMERGENCE: Rating based on speed and strength of emergence in sub-optimal temperatures. **1-3** = Below Average; **4-6** = Average; **7-9** = Excellent.

4 PHYTOPHTHORA RESISTANCE GENE: (-) = No specific gene for resistance.

Rps 1c = Provides resistance to races 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36.

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 product will result in severe plant injury or plant death. Always read and follow herbicide label directions.

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Pioneer is a member of Excellence Through Stewardship® (ETS).

Pioneer products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Pioneer policies regarding stewardship of those products. Crops and materials containing biotech traits may be exported to or used, processed, or sold in jurisdictions where all necessary regulatory approvals have been granted for those crops and materials. It is a violation of national and international laws to move materials containing biotech traits across borders into jurisdictions where their import is not permitted. Growers should discuss these issues with their purchaser or grain handler to confirm the purchaser or handler's position on products being purchased. Excellence Through Stewardship® is a registered trademark of the Biotechnology Industry Organization.

LIBERTY LINK™ Varieties with the LibertyLink® gene (LL) are resistant to Liberty® herbicide.

Liberty®, LibertyLink® and the Water Droplet Design are trademarks of Bayer.

(-) = Variety does not contain a herbicide resistant gene.

3 FIELD EMERGENCE: Rating based on speed and strength of emergence in sub-optimal temperatures. **1-3** = Below Average; **4-6** = Average; **7-9** = Excellent.

4 PHYTOPHTHORA RESISTANCE GENE:

(-) = No specific gene for resistance.

Rps 1c = Provides resistance to races 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36.

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

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

6 WHITE MOLD: Scores based on DuPont Pioneer research observations of comparative white mold tolerance among various soybean products across multiple locations and years. All products are capable of developing white mold symptoms under severe infestations. To our knowledge, there are no totally resistant products in the industry. However, differences exist in the ability of products to tolerate white mold (i.e., the rate at which the infection develops and the extent of damage it causes). These scores reflect those differences.

7 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).

8 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; **6** = Good resistance; **5** = Average resistance; **4** = Below average resistance; **3-2** = Susceptible; **1** = Highly susceptible; to the specific race indicated; **R** = Preliminary data indicates resistance to Race 3 SCN.

9 APHID ANTI-BIOSIS: A type of resistance that measures the plant's ability to naturally reduce the rate of growth, survival and reproduction of soybean aphids on soybean plants. Antibiosis is measured by comparing the rate of aphid reproduction on different products. Since no products currently on the market offer complete resistance to aphids, growers should use these antibiosis ratings as a pest management tool (not a product selection tool) to help determine field scouting and insecticide application priorities. "E" = exceptional, "AA" = above average, "A" = average and "BA" = below average antibiosis ratings. For example, products with exceptional ratings display much lower aphid reproduction compared to products with average and below average ratings.

10 CHARCOAL ROT: A fungal disease that is enhanced by hot and dry conditions, especially during reproductive growth stages. Scores based on DuPont Pioneer research observations of the comparative ability to tolerate infection from the charcoal rot pathogen among various soybean products.

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

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

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

14 U.S. GERmplasm PATENT STATUS (as of 12/1/12): **I** = Patent issued; **A** = Patent applied for. Pioneer brand soybean products 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.

Note: U.S. patents, Plant Variety Protection Act (PVPA) applications and certificates, or other limitations on use may be used to protect Pioneer brand soybean products from unauthorized growing, selling or use of the seed. These protections help assure that growers will continue to have access to new and improved products through the research efforts of plant scientists in the years ahead.

15 SUITABILITY RATINGS: **HS** - Highly Suitable; **S** - Suitable; **MA** - Manage Appropriately; **X** - Poorly Suited. Suitability ratings are based upon historical field observations and analysis of traits by DuPont 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 part of your product positioning decision. Trait scores are based upon period-of-years testing against other Pioneer® brand products. Scores are assigned from research data across a wide range of climates and growing conditions and were the latest available at the time of printing. Refer to 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.

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