

# PIONEER. HUNDRED YEARS

1926 - 2026



Celebrating One Hundred Years 2026
BRAND PRODUCTS

Minnesota













pioneer.com c

corteva.us



1926 - 2026

# Celebrating One Hundred Years

One hundred starts with one: With one farmer, one seed and one season.

One hundred years ago, Henry A. Wallace and the founders of Pioneer revolutionized farming by commercializing hybrid seed corn. Today, the Pioneer® brand honors their legacy with our relentless pursuit of what's next. To celebrate a century of innovation, we're bringing together what was, what's now and what's next to recognize all the moments that add up to one big milestone. **Because one changes everything.** 

One farmer can make a difference. And one seed can grow the future.



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PIONEER SEED CORN  Brand Family**	<b>Technology</b> <b>Segment</b>	CRM	Silk CRM	GDUs to Silk	GDUs to Physiological Maturity	Grain Drydown	Stalk Strength	Mid-Season Brittle Stalk	Root Strength	Stress Emergence	Drought Tolerance	Ear Flex	Test Weight	Plant Height	Ear Height	Staygreen	Husk Cover	Gray Leaf Spot	Northern Leaf Blight	Tar Spot	Goss's Wilt	Anthracnose Stalk Rot	Head Smut	Gibberella Ear Rot
P71231	PCE <b>NEW</b>	71	71	900	1660	3	6	5	7	5	7	3	6	4	4	5	6		6		6			
P72068	AM	72	73	920	1710	6	5	5	6	4	7	5	6	5	5	5	5		5		6			
P7389	АМ	73	73	920	1710	3	6	5	6	4	7	4	6	5	5	6	6		5		6			
P74691	PCE	74	74	940	1730	3	4	6	6	5	6	3	6	4	5	5	6		5		6			
P7574	AM	75	77	970	1790	5	6	5	4	6	5	3	6	6	6	6	5		4		4			
P75303	PCE <b>NEW</b>	75	74	940	1760	3	6	6	5	5	5	3	5	4	5	5	6		5		6			
P78934	PCE	78	80	1030	1890	6	6	6	7	5	6	3	4	5	6	6	5		4		5			
P78150	PCE <b>NEW</b>	78	74	940	1730	6	5	6	5	5	6	3	4	5	5	6	6		5		5			
P80463	PCE <b>NEW</b>	80	74	940	1760	4	5	5	5	7	6	3	6	4	4	6	4		5		5			
P8294	AM, Q	82	85	1070	1940	5	5	6	4	5	6	4	5	7	7	6	4		5	6**	5			
P82288	CONV NEW, PCE	82	82	1030	1940	5	5	5	6	5	6	5	5	6	6	5	5		5		5			
P85199	PCE <b>NEW</b>	85	85	1070	2020	5	5	6	5	5	7	3	5	5	5	5	7		6		6			
P8602	AM, V <b>NEW</b>	86	84	1060	2040	4	5	7	6	5	7	6	5	6	6	5	6		5		5			
P87040	CONV, PCE, V	87	89	1120	2090	6	5	6	6	5	6	6	6	6	6	5	5		5		5			
P8859	AM,Q	88	84	1060	2040	7	6	6	6	6	7	4	5	5	7	5	6		5	4**	5			
P90630	AM, Q	90	95	1190	2190	7	5	5	5	5	7	4	6	5	7	4	5	3	5		6			5
P9193	AM, Q	91	90	1130	2140	4	5	7	6	6	7	6	7	5	5	5	7	3	5	5**	7			5
P9188	CONV, AM	91	89	1120	2170	4	6	5	8	4	7	5	6	4	4	4	6	5	7	5**	5		1	5
P91719	AM <b>NEW</b>	91	93	1160	2270	6	5	5	6	5	6	4	7	4	4	5	6		6	6**	6			_
P91083	PCE, V	91	94	1180	2240	4	/	5	5	5	6	6	5	5	6	5	6		6	4**	6			5
P92399	PCE, V NEW	92	92	1150	2190	5	5	6	6	6	9	6	4	6	6	5	5	,	5	5**	5		-	7
P9492	CONV, AM	94	97	1210	2350	6	/	/	/	/	7	5	5	6	5	/	5	4	5	6**	6		7	3
P9489	AM, Q	94	96	1200	2300	4	4	5	4	6	7	1	5	5	5	5	6	3	6	5	7		6	5
P9466 P95819	PCE V	94	95 97	1190 1210	2320	4	/	/	0	/	7	4	5	5	0	5	5	3	5	5			7	5
P96760	PCE, V	95 96	96	1200	2370	7	6	7	6	6	7	6	5	5	5	6	6 7	3	5	5	6 5		6 5	3
P96567	AM, Q	96	100	1250	2360	6	6	6	6	5	8	6	,	5	5	7	6	4	5	5	6		5	5
P9624	CONV, AM, Q	96	96	1200	2300	5	7	6	6	5	8	6	6	<i>J</i> <sub>1</sub>	5	8	6	5	6	6	7		2	7
P9772	AM	97	98	1220	2350	6	/1	6	7	5	7	6	5	5	5	5	5	3	<i>(</i> 1	5	5		6	4
P97729	PCE, Q	97	94	1180	2350	6	7	6	6	5	9	6	5	5	5	6	6	4	5	6**	5		4	3
P97037	PCE <b>NEW</b> , V <b>NEW</b>	97	95	1190	2370	7	6	6	6	6	8	6	4	6	6	6	6	3	5	3	3		-	3
P98533	PCE PCE	98	98	1220	2450	6	6	7	6	6	7	6	5	6	6	5	6	3	5	5	5		2	4
P9823	V	98	95	1190	2420	4	5	5	6	5	6	6	5	6	6	5	5	5	6	5**	5	2		5
NEW = New and introductory product. Quantities		, 3	, 3	, 0	_ ,_0	,	Ü	Ü	Ü	Ü	Ü	Ü	Ü	Ü								s, and all ot	ther informa	



• Great hybrid for high yield environments and versatile enough for variable acres with a solid agronomic package.



• Versatile hybrid with top performance for zone. Flex ear type with good test weight and dry down.



• Leader performance with Optimum® AQUAmax® drought tolerance.



• Proven performer with solid emergence, good stalks, roots and brittle snap resistance.



• 95 zone leader. Excellent staygreen, strong emergence on moderate stature.

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PIONEER				-	o w	A	326			0.6	85 85		AL	He s	Sille S				200				C.F.	
SEED CORN  Brand Family**	<b>Technology Segment</b>	CRM	Silk CRM	GDUs to Silk	GDUs to Physiological Maturity	Grain Drydown	Stalk Strength	Mid-Season Brittle Stalk	Root Strength	Stress Emergence	Drought Tolerance	Ear Flex	Test Weight	Plant Height	Ear Height	Staygreen	Husk Cover	Gray Leaf Spot	Northern Leaf Blight	Tar Spot	Goss's Wilt	Anthracnose Stalk Rot	Head Smut	Gibberella Ear Rot
P98125	PCE <b>NEW</b> , V <b>NEW</b>	98	96	1200	2420	6	6	5	6	6	9	7	5	5	5	5	6	4	6	3**	4		2	4
P9955	CONV, PCE, V	99	99	1240	2400	5	6	6	7	5	7	7	7	6	5	5	7	3	4	5	6		6	5
P0075	CONV, AM, Q	100	103	1280	2500	5	6	6	6	6	8	5	5	5	5	5	5	5	6	6	8	4	5	6
P00549	PCE, V	100	96	1200	2420	6	6	6	6	6	8	4	5	5	5	5	6	4	5	4	6		5	4
P00177	AM	100	100	1250	2450	6	6	7	7	6	6	6	5	4	4	6	6	5	5	6**	6	4	7	3
P01851	PCE <b>NEW</b> , V <b>NEW</b>	101	102	1270	2420	8	5	7	6	5	7	6	5	5	5	6	5	5	6	4**	6		6	5
P02405	PCE <b>NEW</b> , V <b>NEW</b>	102	100	1250	2400	6	6	6	7	5	7	4	4	6	6	7	6	5	6	6	6		2	
P03951	PCE, V <b>NEW</b>	103	100	1250	2530	5	6	6	6	6	7	6	5	5	4	6	6	5	5	4	6	4	1	3
P0339	Q	103	101	1260	2420	6	6	5	8	6	9	5	5	3	4	6	4	4	6	5	8	4	4	4
P03115	V	103	102	1270	2450	4	4	6	6	5	9	6	6	6	6	5	7	4	6	6	7	4	3	5
P04922	Q	104	101	1260	2500	3	7	5	7	6	7	5	6	6	5	5	6	4	6	8	6	4	2	3
P0421	AM, Q	104	98	1220	2470	7	5	6	7	5	7	6	5	3	4	6	6	4	5	7	7	3	8	4
P0404	AM, Q	104	100	1250	2450	3	5	6	7	5	8	6	5	5	5	4	6	5	5	5	6	4	4	5
P05737	CONV, PCE, V	105	102	1270	2580	5	6	6	6	5	8	7	5	5	6	6	6	5	5	5	4	4	4	3
P05466	V	105	102	1270	2500	6	6	6	7	5	7	5	5	5	4	6	7	4	5	5	6	5	2	
P0529	Q	105	108	1340	2550	8	6	6	6	5	6	7	5	6	6	5	5	5	6	6**	6	5	6	5
P05081	CONV NEW	105	106	1320	2580	8	5	6	6	5	9	6	4	5	6	6	6	4	6	6	6	4	4	
P0622	Q	106	102	1270	2550	4	5	6	7	5	9	5	6	4	5	5	4	3	5	6	6	4	4	5
P07147	PCE <b>NEW</b>	107	108	1340	2700	6	5	5	6	6	7	5	5	5	5	6	6	5	5	5	5	5	2	4
P0859	AM	108	111	1380	2680	5	6	7	6	5	7	6	5	6	6	7	7	5	5	5	7	5	6	3
P08527	CONV NEW, V	108	111	1380	2580	4	5	6	6	5	8	6	7	6	5	6	7	5	5	5	7	5	5	
P08075	V	108	109	1360	2580	4	4	6	6	5	8	6	6	6	5	6	6	5	6	7**	6	4	7	4
P0953	AM	109	111	1380	2730	3	6	6	6	5	6	6	6	6	5	6	7	5	6	5	6	6	2	3
P0924	CONV, Q	109	109	1360	2700	5	5	6	6	6	/	5	/	6	6	6	7	5	6	6	5	4	5	
P10625	V	110	109	1360	2730	5	5	/	/	5	8	6	6	5	5	5	7	5	6	6	6	4	7	,
P10300	PCE <b>NEW</b>	110	107	1330	2630	4	5	0	6	6	/	5	5	5	5	6	7	5	6	5**	/	5	5	4
P1027 P1185	AM CONV AM O	110	109	1360 1370	2760	5	0	0	7	5	6	8	6	0	0	6	/	5	6	6	5	4	5	
P1185 P12517	CONV, AM, Q V NEW	111	114	1420	2730 2550	3	6	6		4	8	6	8	4	5	6	5	5	5	6 5**	5	5 5	1.	
P12517	CONV NEW, PCE, V	113	112	1390	2690	4	5	6	5	5	7	6	6	5	5	6	4	5	,	۵	6 7	5	7	
P13///	Q	113	111	1380	2760	5	5	7	7	5	6	6	5	5	7	7	3	5 4	6	6	6	5	5	
P13050	V	113	111	1380	2760	6	6	6	7	5	8	7	6	5	5	6	6	4	5	5	6	/,	7	
P14830	CONV NEW, Q	114	112	1390	2700	6	6	5	6	5	6	7	5	5	6	6	7	4	6	5	5	4	3	
		114	ΠZ	1370	2700	0	O	3	O	J	O	7	J	J			tions are					•		ation see
<b>NEW</b> = New and introductory product. Quantitie	so may be illilited.														i oi comp	vere aeiiili	lions and (	uisciuiiTiefS	reiuted to	characteri	ocico IUIII)	gs, and all of	mer imormo	ACION CONT



 Consistent top yielder with solid agronomics coupled with good test weight.



• Strong performance on moderate statured plant. Stable root and stalk strength with very good brittle snap resistance.



• Great combination of yield potential and solid agronomics.



 Versatile hybrid with very good drought tolerance and dependable agronomics.



• Industry leading yield performance with solid agronomics.





 High tonnage potential with good digestibility, agronomics and drought tolerance.



 97 day silage leader with solid starch content and fiber digestibility. Good overall disease resistance package.



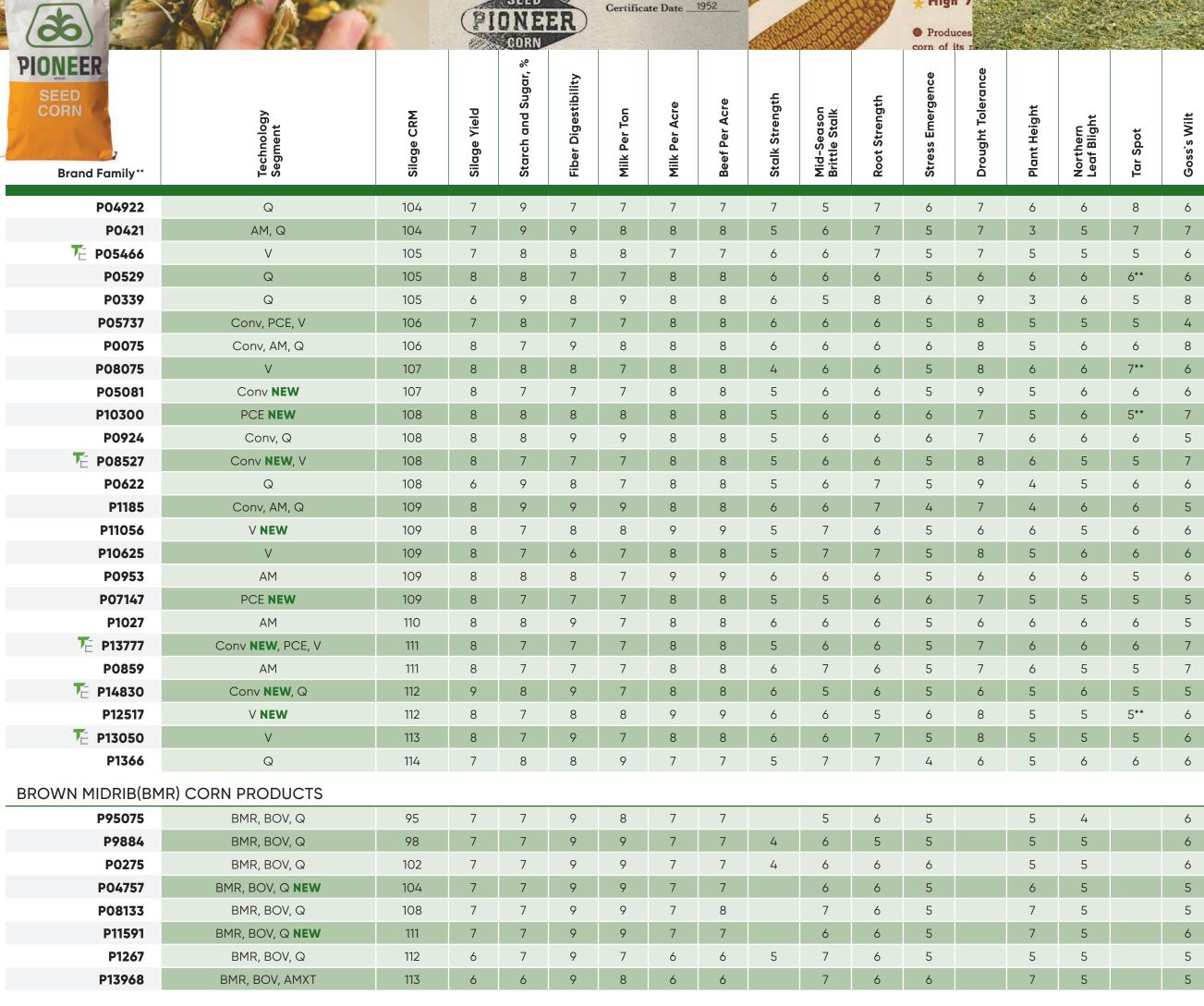
 Proven performer with high starch and sugar %.



• 100 day silage with top end tonnage and fiber digestibility.



 Strong tonnage potential with very good fiber digestibility and solid disease resistance.



BOOM I

PAGE 1

High !

#### **FEATURED PRODUCTS**



 Very good fiber digestibility with high starch content.



 Dependable agronomics with high tonnage and fiber digestibility.



 Top silage tonnage potential with very good quality.



 Setting the bar for full season corn silage yields. High starch content and strong NCLB resistance.



 Strong tonnage yields combined with excellent fiber digestibility.

### **LUMIGEN® SEED TREATMENTS**



LumiGEN® seed treatments

Use ILEVO HL at the high rate (1 oz/ 140k) for protection against both

advantage of 6.4 bu/A under heavy

SCN and SDS and a proven yield

Neonicotinoid

seed treatment

Add ILEVO® HL seed treatment for extra protection for fields

SDS pressure.5

**Seedcorn Maggot Pressure** 

at risk of soybean cyst nematode (SCN) and sudden death

NEW Lumidapt™

VALTA LS

for the best ratio of minerals.

increase yield potential.

Untreated

**6.4** bu/a

YIELD ADVANTAGE<sup>5</sup>

Lumiderm® + neonicotinoid

seed treatment

syndrome (SDS).

Biological fertilizer proven to support crops

Provides micro-nutrients to the plant, optimized

■ Enhances plant health and has been shown to

+2 bu/A yield advantage over current recipe.<sup>1</sup>

#### For Pioneer® Brand Corn

#### PREMIUM PACKAGE

LumiGEN® seed treatments for corn protect our elite genetics from earlyseason disease, insects and nematodes to help maximize yield potential.

- LumiGEN fungicide seed treatment is one of the most robust available in the industry, providing enhanced protection against metalaxylresistant Pythium species and a unique active ingredient, inpyrfluxam, against Rhizoctonia and Fusarium.
- Lumialza® nematicide seed treatment shields roots with an expanding bio-barrier protecting corn from yield-robbing nematodes for more than 80 days while cooperating with beneficial microorganisms.
- Lumivia® insecticide seed treatment at a 250 rate combined with Lumisure® at a 250 rate, offers two modes of action providing protection against the broadest insect spectrum in the industry, delivering better plant stands and reducing runt plants. An optional enhanced CRW package is available that brings the same disease and nematode protection as our premium package above with Lumisure® 1250 insecticide seed treatment to provide enhanced yield protection against corn rootworm.

Lumialza Advantage over FST/IST

YIELD ADVANTAGE<sup>2</sup>

3.7<sub>bu/a</sub> YIFI D ADVANTAGE

in high nematode pressure

in low nematode pressure

### For Pioneer® Brand Soybeans

#### PREMIUM PACKAGE

Our powerful combination of 6 different modes of action enhanced by LumiTreo™ fungicide seed treatment leads the industry in yield protection against early-season diseases.

- Lumiante™ is a new fungicide seed treatment that protects seed investments from early season disease pressure, providing control against metalaxyl-resistant Pythium species, Phytophthora and other water molds (oomycetes).
- When Phalanx™ insecticide seed treatment and Lumiderm insecticide seed treatment are paired, they provide a statistically significant improvement in plant stands and vigor,<sup>3</sup> as well as a 1 to 3 bu/A advantage over the neonicotinoid insecticide alone.

	PREMIUM PACKAGE	ENHANCED PACKAGE
FUNGICIDE SEED TRE	EATMENT	
LumiTreo™	<b>/</b>	
Lumiante™		
Sebring® metalaxyl	<b>/</b>	
L-2030 G biofungicide		
ILEVO® HL		<b>/</b>
INSECTICIDE SEED TI	REATMENTS	
Phalanx™	<b>/</b>	
Lumiderm <sup>®</sup>		<b>/</b>

Data from 2022-2024 across 72 locations with a 70.8% win rate over current commercial recipe.

and strip trial data. Yields ranged from 3 to 9 bu/a depending on nematode species and population, in 184 low stress and 54 moderate to high stress locations

Lumialza® nematicide seed treatment vs. non-nematicide seed treatment utilizing the same insecticide and fungicide recipe in seed applied technology replicated 3 Statistically significant improvement in plant stands (gaps) and vigor based on Corteva Agriscience research data from 2019-2022, 153 locations

## PIONEER INNOVATION



#### THE ULTIMATE CORN ROOTWORM **DEFENDER**

#### **Maximizes YIELD potential**

- We're seeing 73% wins against competitor products with a 7.8 bu/A yield advantage<sup>1</sup>
- Offered through a diverse lineup of high yield potential genetics across a wide range of maturities

#### **Exceptional CRW PROTECTION**

- Building on the breeding success of Pioneer® brand Qrome® corn technology, Vorceed® Enlist® corn includes 6 modes of action to protect against insects and 4 herbicide tolerance modes of action
- New RNAi technology to defend against adult corn rootworm emergence

#### More FLEXIBILITY for weed management

- Includes the Enlist® corn trait stack, which offers tolerance to 2,4-D choline and FOP as well as glufosinate and glyphosate herbicides
- Offers a wider application window to control late-season broadleaf weeds



#### A NEW ERA IN SOYBEAN PERFORMANCE

#### **Bringing more YIELD potential**

• With a 3.5 bu/A vs. all competitors<sup>3</sup>, with an additional \$35.00/per acre return on investment<sup>4</sup>

#### Bringing MORE consistent agronomics and enhanced disease protection

- Bred for offensively strong defensive traits with over 10,000 IMPACT™ and on-farm local trials from 2020-2024 that rigorously tested varieties under various conditions to prove them in the field for your local conditions
- 12% increased agronomic and disease scores in sudden death syndrome (SDS), white mold, iron deficiency chlorosis and lodging resistance over current varieties

#### **FLEXIBILITY** for weed management

Varieties include the leading trait technology, Enlist E3®

All offered in a diverse lineup that is EXCLUSIVE to Pioneer





#### YIELD. PROTECTION. FLEXIBILITY.

#### **Maximizes YIELD potential**

- Insect protection available in a diverse lineup of high yield potential genetics across a wide range of maturities
- In 2024, PowerCore® Enlist® products showed 65% wins against the competitors with a 7.7 bu/A yield advantage<sup>2</sup>

#### **Improved insect PROTECTION**

- Offers a comprehensive trait package to control aboveground insects with 3 modes of action against key pests: European corn borer, fall armyworm and southwestern corn borer
- Offers one mode of action of protection against black cutworm compared to competitor VT Double PRO® corn

#### More FLEXIBILITY for weed management

- Includes the Enlist® corn trait stack, which offers tolerance to 2,4-D choline and FOP as well as glufosinate and glyphosate herbicides
- Offers a wider application window to control late-season broadleaf weeds such as waterhemp and Palmer amaranth



#### PROTECT YOUR SEED FROM THE START

LumiGEN® seed treatments protect your investment with best-in-class seed treatment. You can plant with confidence knowing your seeds and seedlings have advanced protection against pests, disease and uncertain soil conditions during the critical early growth period.

Our rapidly expanding seed treatment portfolio is built on a proven foundation. LumiGEN® technologies deliver bestin-class protection to optimize the elite genetic potential of your Pioneer® brand seed.

<sup>1</sup> Data is based on average of 2024 comparisons made in the U.S. through December 1, 2024. Comparisons are against all competitors, technology segment matched, unless otherwise stated, and within a +/- 3 CRM of the competitive brand.

<sup>2</sup> Data is based on average of 2024 comparisons made in the U.S. in 2024. Comparisons are against all competitors, technology segment matched, unless otherwise stated, and within a +/- 3 CRM of the competitive brand.

<sup>3</sup> Data is based on average of 2024 IMPACT™ trial comparisons made in the U.S. through December 1, 2024. Comparisons are against all competitors and within a +/- 3 RM

<sup>4</sup> Income/A Advantage is calculated with the price of soybeans at \$10.00 per bushel.

Product responses are variable and subject to any number of environmental, disease and pest pressures. Individual results may vary, Multi-year and multi-location data are a better predictor of future performance. DO NOT USE THIS OR ANY OTHER DATA FROM A LIMITED NUMBER OF TRIALS AS A SIGNIFICANT FACTOR IN PRODUCT SELECTION. Befor to www.pioneer.cc

Data is based on average of comparisons in Pioneer Agronomy Science trials from 2012-2015

165 locations. Fluopyram use rate of 0.15mg ai/seed

4 Statistically significant improvement in yield resulting in a 1-3 bu/a advantage based on Corteva Agriscience

PIONE SOYBEA SEED	AN	Relative Maturity	Technology Segment	Harvest Standability	Field Emergence	Phytophthora Resistance Gene	Phytophthora Field Tolerance	Brown Stem Rot Marker Predicted	Iron Chlorosis	White Mold	Sudden Death Syndrome	Cyst Nematode Source	Cyst Nematode Race 1	Cyst Nematode Race 2	Cyst Nematode Race 3	Cyst Nematode Race 5	Cyst Nematode Race 14	Charcoal Rot	Canopy Width	Plant Height for Maturity	Seeds Per Pound
	P004Z87E™	00.4	E3	6**	7	1c	5**	MS	5	4**		-	1**	1**	1	1**	1**	4	5	4	3330
	P007Z82e™	00.7	E3	7**	8	1c	7**	HT	7	5**		PI88788	1**	1**	8	1**	6	4	6**	4	2680
NEW	P00Z65E™	0.0	E3	6**	8	1c	5**	MS	7	5**	3**	Peking	5**	1**	9**	5**	1**	3**	6**	6**	2400
	P02Z34E™	0.2	E3	7**	7	1k,6		HT	7	4**	5**	PI88788	1**	1**	8	1**	8	3	6	3	2470
	P04A98E™	0.4	E3	7	7	1c	7**	MS	6	6	6**	-			4**			3	4	3	2250
	P05Z60E™	0.5	E3	8	7	1c	5**	MT	4	6	6**	PI88788	1**	1**	7	1**	6	6	5	3	2500
	Р06А38е™	0.6	E3	7	6	1c	7**	MS	6	7	5**	-			4**			4	5	4	2370
	P06 <b>Z</b> 90e™	0.6	E3	8	8	1k	6**	HT	7	4	7**	PI88788	1**	1**	8	1**	8	5	6	4	2390
	P08A44E™	0.8	E3	7	6	1k	4**	HT	8	4	5**	PI88788	1**	1**	9	1**	9	4	5	5	2490
NEW	<b>/</b> P09Z31E™	0.9	E3	6**	7	1K	7**	MS	6	4	5**	Peking	9	1**	8	7	1**	4	5**	5	2540
	<b>P09Z79</b> E™	0.9	E3	7	7	1k	4**	MT	6	6	8**	PI88788	1**	1**	9	1**	9	6	6	5	2930
	P11T36E™	1.1	E3	7	6	-	5	HT	5	4	5	PI88788			9		7	5	6	4	2690
	P11Z72 <sub>E</sub> ™	1.1	E3	6	6	1c	5**	HT	6	6	5**	Peking	1	1**	9	4	1**	5	5	4	2390
NEV	N P11Z91e™	1.1	E3	7**	8	1K	5**	MT	7	4	4**	Peking	9	1**	9	7	1**	3	6**	5	2500
	P13Z28E™	1.3	E3	7	6	1k	4**	MT	7	6	5	PI88788	1**	1**	9	1**	8	5	5	5	2830
NEW	/ P14Z08E™	1.4	E3	7**	7	1c	8**	HT	6	5	6**	PI88788	1**	1**	9	1**	7	6	6**	5	2550
	P14Z67E™	1.4	E3	7	7	1k	5**	HT	6	3	6**	PI88788	1**	1**	9	1**	8	4	6	4	2580
	P15Z80e™	1.5	E3	9	7	1k	4**	MT	6	4	5**	Peking	9	1**	9	9	1**	6	6	4	2560
NEW	V P16Z25E™	1.6	E3	9	8	1K	5**	HT	5	6	6**	Peking	7	1**	9	7	1**	5	5**	4	2550
	P16Z42E™	1.6	E3	8	7	1k	5**	HT	7	4	5**	PI88788	1**	1**	8	1**	8	5	6	4	2760
	P17Z39E™	1.7	E3	7	7	1k	4**	HT	5	5	7**	Peking	8	1**	9	9	1**	6	5	5	2580
	P19A37e™	1.9	E3	7	8	1k,3a		HT	6	4	6**	PI88788	1**	1**	9	1**	8	6	5	5	2730
	P19Z52E™	1.9	E3	7	7	1k	4**	MT	6	3	6**	Peking	8	1**	9	9	1**	4	6	5	2570
	P20Z14E <sup>™</sup>	2.0	E3	7	7	1k	4**	MT	7	3	6**	Peking	7	1**	9	8	1**	5	6	5	2520
	P21Z71 <sub>E</sub> ™	2.1	E3	8	7	1k	5**	MT	6	4	6	Peking	9	1**	9	9	1**	4	6	4	2590
NEW	/ P22Z02E™	2.2	E3	7	7	1k,3a		HT	6	4**	6**	PI88788	1**	1**	9	1**	7	3	6**	5	2590
	P23Z58E™	2.3	E3	7	7	1k	4**	MT	7	5	5	Peking	9**	1**	8	8	1**	5	6	5	2530
	P23Z82E™	2.3	E3	8	7	1k	4**	HT	5	5	5**	Peking	9	1**	9	9	1**	5	5	4	2590
	P25A16E™	2.5	E3	8	7	1k	4**	MT	5	6	7	Peking	9		9	9	2	4	6	5	2760
NEV	N P25Z11E™	2.5	E3	7	7	1k	6**	MT	5	3**	6**	Peking	9	1**	8	9	1**	4	6**	5	2770
	P26Z78E™	2.6	E3	8	7	1k	5**	MT	6	5	6	PI88788	1**	1**	8	1**	6	6	5	5	2750
NEW	/ P26Z86E™	2.6	E3	8	7	1k	5**	HT	4	6	6**	PI88788	1**	1**	9	1**	7	8	5**	6	2340



• Late group 0 SCN tolerant leader with solid agronomics.



• Top performer with solid agronomic package. SCN protection coupled with above average IDC and White Mold tolerance.



• Mid group 1 leader with top performance, great harvest standability and very good White Mold Tolerance.



• Great yield potential with very strong IDC tolerance. PEKING SCN and solid SDS tolerance.



• High yielding PEKING source of SCN resistance with excellent standability.





Relative Maturity	Technology Segment	Harvest Standability	Field Emergence	Phytophthora Resistance Gene	Phytophthora Field Tolerance	Brown Stem Rot Marker Predicted	Iron Chlorosis	White Mold	Sudden Death Syndrome	Cyst Nematode Source	Cyst Nematode Race 1	Cyst Nematode Race 2	Cyst Nematode Race 3	Cyst Nematode Race 5	Cyst Nematode Race 14	Charcoal Rot	Canopy Width	Plant Height for Maturity	Seeds Per Pound

#### CONVENTIONAL AND PLENISH® HIGH OLEIC SOYBEAN PRODUCTS.

P07A10™	0.7	-	6**	8	1c	7	MS	5	4	4**	PI88788	1**	1**	8	1**	8**	6	7	6	2360
P11A50™	1.1	-	7	8	1k	5	HT	5	6	3**	PI88788	1**	1**	9	1**	6	4	4	4	2280
P15A20™	1.5	-	7	8	1c	7	HT	6	5	3**	PI88788	1**	1**	9	1**	8	6	5	5	2350
P18A82™	1.8	-	7	8	1k,3a		HT	5	4	6**	PI88788	1**	1**	9	1**	8	3	6	5	2210
<b>P20A10</b> ™	2.0	-	7	8	1k,3a		HT	5	4	5	PI88788	1**	1**	9	1**	8	4	5	5	2450
P21A20™	2.1	-	6	7	1c	5	HT	4	4	5	PI88788			8		6	3	6	4	2380
<b>NEW P22Z50</b> ™	2.2	-	6**	7	1c	7**	HT	3	5**	5**	PI88788	1**	1**	8	1**	7	7	6**	5	2300
P26A20™	2.6	-	8	8	1k	4	HT	4	5	7	PI88788	1**	1**	9	1**	8**	6	5	5	2160
<b>P19A27</b> PR <sup>™</sup>	1.9	Plenish,R	7	6	1c	4	MT	5	4	6	Peking	9	1**	9	9	2	2	4	5	3130
<b>P21A31</b> PR <sup>™</sup>	2.1	Plenish,R	7	8	1k,3a		MT	5	4	4	Peking	9	1**	9	9	2	5	6	4	2490
<b>P22A36</b> PR <sup>™</sup>	2.2	Plenish,R	7	7	1k	7	MT	4	5	8	Peking	9		9	9	3	2	6	6	2440
<b>P24A46</b> PR <sup>™</sup>	2.4	Plenish,R	7	7	1k	4	MT	5	5	6	Peking	9	1**	9	9	1	4	5	5	2820



#### PIONEER® BRAND PLENISH® HIGH OLEIC SOYBEANS

Exclusively available from Pioneer, Plenish® high oleic soybeans deliver elite genetics with a high yield potential resulting in a value-added soybean oil that has become the industry standard among processors, food manufacturers and industrial uses. Growing Plenish high oleic soybeans can produce higher income/acre. Plenish high oleic soybeans also offer improved on-farm feeding in dairy operations, potentially higher milk fat in dairy cows and/or lower feed costs to dairy farmers.

#### **FEATURED PRODUCTS**



 Leader conventional with very good emergence. Strong White Mold tolerance and is widely adapted.



 High yield potential for high management acres. Offers stacked Phytophthora resistance genes.



• Earliest Plenish variety with PEKING SCN resistance and solid SDS tolerance.



 Leader early group 2 Plenish® variety with PEKING SCN resistance, good standability and Phytophthora package.



 Early group 2 Plenish® variety with excellent SDS tolerance and competitive White Mold tolerance.

# **MAXIMIZE YOUR PROFITS WITH EXPERT AGRONOMIC SUPPORT** & TOP-PERFORMING PRODUCTS





WHEREVER YOU FARM, **PIONEER HAS A PROFESSIONAL AGRONOMIST NEARBY.** 



WE EQUIP YOU AND YOUR TEAM WITH RESOURCES, DATA, AND **TECHNOLOGY TO ACHIEVE YOUR FARM GOALS.** 



WE'RE FOCUSED ON HELPING YOU **DRIVE PERFORMANCE TODAY AND** PREPARING YOU TO REACH YOUR YIELD GOALS IN THE FUTURE.

# **TRIALS**

- Greater Than 10,000 Product **Knowledge Trials Annually**
- Greater Than 2,800 Localized Agronomic Management **Trials Annually**
- · In-Season Monitoring of Diseases and Pests



Forward -thinking Farming



#### **AGRONOMY TOOLS & SOLUTIONS**

We can help you adapt to every situation with our decision science tools and solutions, including:

• GRANULAR INSIGHTS – Agronomic software that enables you and your trusted Pioneer team to plan, manage, and analyze seed performance year-round

**PUBLICATIONS & EDUCATIONAL WEBINARS** 

We share agronomic research, trial results, and fundamental agronomy

- FUNGICIDE TIMING Takes the mystery out of fungicide decisions to get the most from your Pioneer genetics
- WATER REPORTER Scalable irrigation and dryland solution that informs on soil moisture level for irrigation and input decisions
- **SILAGE STAGING** Takes the guesswork out of when and where to chop to optimize the highest yield and quality silage





YOUR FARM DESERVES THE BEST FIELD MANAGEMENT EXPERTISE.

Discover more about localized agronomy trials today!

### PIONEER SALES REPRESENTATIVES



#### SERVICE BEYOND THE SEED.

Pioneer has a long history of helping farmers and rural communities thrive, and our people share this same pride and dedication in their communities' success. Collaborating with our field teams, including agronomists and territory managers, Pioneer sales representatives can harness the power of the extensive research and resources we have to

help local farmers make informed decisions by maximizing profitability and growing their operations. All while helping their community grow, too.

Our sales representatives prioritize building relationships with local farmers to help them maximize their investment in every bag of Pioneer® brand seed.

#### SUPPORT IN EVERY SEASON.

Pioneer sales representatives provide a wide range of support, sunup to sundown, season after season. Our goal is to provide farmers with the tools and services they need to maximize their investment, including elite seed treatment, agronomic solutions and resources, advanced data

management tools and apps, expert services, and more.

Pioneer sales representative deliver what no one else can – world-class hybrids and varieties that push yield limits and help maximize profits. When our farmers succeed, we succeed.

#### WE SEE THE WHOLE PICTURE.

When it comes to maximizing performance and profitability, we see the big picture and integrate our expertise across seed, crop protection, seed treatment, digital solutions, agronomic insights, and financing.

We offer growers a complete package of solutions to meet their evolving needs.





	II.	IOCULANT	-s		PID REAC		NUTRIVAIL® FEED TECHNOLOGY					
Crop-specific	1174	1189	11H50	11C33	11B91	11G22	11CFT**	11AFT**	11GFT**			
options using patented, proprietary bacterial strains	Multi- Crop	НМС	Alfalfa	Corn Silage	НМС	Alfalfa/ Grass/ Cereals	Corn Silage	Alfalfa	Grass/ Cereals			
				Contains fast-acting* L. buchneri†	Contains fast-acting* L. buchneri†	Contains fast-acting* L. buchneri†	Contains L. buchneri†	Contains L. buchneri†	Contains L. buchneri†			
Improves fermentation and reduces dry matter loss	X	X	X	X	X	X	X	X	X			
Improves nutrient conservation	X	X	X	X	X	X	X	X	X			
Significantly reduces heating on bunker/pile face				X	X	X	X	X	X			
Helps reduce heating in entire TMR				X	X	X	Х	X	X			
Improves fiber digestibility							X	X	X			

# CONSIDER A PROGRAM APPROACH







Save on Corteva Agriscience<sup>™</sup> crop protection products when you fund a TruChoice<sup>®</sup> prepay account online or through your local Pioneer sales representative.



your TruChoice®
offers prepay
account

A minimum of \$5,000 deposit is needed to open a TruChoice prepay account.



• EARN



prepay funds on over 100 leading crop protection products



For a full list of eligible crop protection products, visit TruChoice.corteva.us









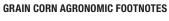
TONNEDGE











INTRO Introductory product. Quantities may be limited.

NEW New Product.

\*All scores of integrated refuge products are based upon the major component.

\*\* All Pioneer corn products are hybrids. All Pioneer products denoted with ™ are brand names. If corn product designated with AM, AML, AMT, AMX, AMXT, Q, V, PCU. PCUE. PWE & PWUE. it is a hlend/

Product performance in water-limited environments is variable and depends on many roduct per formation in water-initiate dividinients is variable and depends of mainly factors such as the severity and timing of moisture deficiency, heat stress, soil type, management practices and environmental stress as well as disease and pest pressures All products may exhibit reduced yield under water and heat stress. Individual results

IMPORTANT: Trait rating scores provide key information useful in selection and management of Pione brand products in your area. Information and ratings are based on comparisons with other Pioneer brand roducts, not competitive products. Information and scores are assigned by Pioneer Research Mana data across areas of adaptation, multiple growing conditions, and a wide range of both climate and soil types and may not predict future results. All products within a hybrid family receive the same score unle observations indicate a significant difference. Individual product responses are variable and subject to a ouser vacious indicate a symmetric uniformize, individual product responses are varied and as subject variety of environmental, disease and pest pressures. Please use this information as only one comport of your product positioning decision. Refer to <a href="https://www.pioneer.com">www.pioneer.com</a> or contact a Pioneer sales professic 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.

**RATINGS:** 9 = Outstanding; 1 = Poor; Blank = Insufficient Data.

HYBRID FAMILY: Hybrid family identifies products that have the same base genetics. Manage products

TECHNOLOGY SEGMENT: AM - Optimum® AcreMax® insect protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated HHZ. Contains a single-bag integrated retuge solution for above-ground insects. In EPA-esignated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax products. AMXT (Optimum<sup>®</sup> AcreMax<sup>®</sup> XTreme) - Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure<sup>®</sup> RW trait, the Bt trait and the Herculex XTRA gene. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax XTreme products. Q (Orome<sup>®</sup>) - Contains a single-bag refuge must be planted with opinion Activator National Products. **Y** (uniter)—Contains a single-radge integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the Bt trait, and the Herculex® XTRA gene. In EPA-designated cotton-growing counties, a 20% separate com bore refuge must be planted with Grome products. **V** – Vorceed® Enlist® products with V, LL RR2, ENL. Contains a single-bag integrated refuge solution with multiple modes of action for above- and below-ground insects. The major component contains the Herculex® XTRA genes, the RW3 trait and the VTP trait. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted for Vorceed Enlist products. **PCE** - Powercore® Enlist® Refuge Advanced® corn products with HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing countles, a 20% separate corn borer refuge must be planted with Power-Core Enlist Refuge Advanced products. P CUE - Power-Core Ultra Enlist Pefuge Advanced reduced corn products with AVBL, HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with PowerCore Ultra Enlist Refuge Advanced products. PWE - PowerCore® Enlist m products with HX1, VTP, ENL, LL, RR2. A separate 5% corn borer refuge in the corn belt, and a parate 20% corn borer refuge in EPA-designated cotton-growing counties must be planted Power separate 20% corn borer refuge in EPA-designated cotton-growing counties must be planted PowerCor Enlist products. **PWUE** - PowerCore® Ultra Enlist® corn products with AVBL, HX1, VTP, ENL, LL, RR2. *I* separate 5% corn borer refuge in the corn belt, and a separate 20% corn borer refuge in EPA-designated cotton-growing counties must be planted PowerCore Ultra Enlist products. HX1 - Contains the Herculex Linsect protection gene which provides protection against European corn borer, southwestern corn bore Intest protection light willing provides by toleration against curiopera count bores, southwestern controller, black cutivorm, fall armyworm, lessers com stalk borer, southern corn stalk borer, and sugarcane borer, and suppresses corn earworm. HXX - Herculex® XTRA contains the Herculex® 1 and Herculex® RW gene YGCB - The Bt trait offers a high level of resistance to European corn borer, southwestern corn borer and southern cornstalk borer; moderate resistance to corn earworm and common stalk borer; and above average resistance to fall armyworm. LL - Contains the LibertyLink® gene for resistance to glufosinate herbicide, LR - Contains the LibertyLink® gene and the Roundup Ready® Corn 2 trait, RR2 - Contains the Roundup Ready® Corn 2 trait that provides crop safety for over-the-top application herbicides when applied according to label directions.

<sup>®</sup>Roundup and Roundup Ready are registered trademarks of Bayer Group

LibertyLink® and the Water Droplet Design are registered trademarks of BASF.

Agrisure® and Agrisure Viptera® are registered trademarks of, and used under license from, a Syngenta Group Company. Mir162 is part of Agrisure Viptera® and is a registered trademark of Syngenta Agro SA Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG.

POWERCORE® is a registered trademark of Bayer Group. POWERCORE® multi-event technology developed by Corteva Agriscience and Bayer Group, Always follow IRM, grain marketing and all other dship practices and pesticide label directions. B.t. products may not yet be registered in all states Check with your seed representative for the registration status in your state.

Following burndown, Enlist Dun® and Enlist One® herbicides with Coley-D® technology are the only crops. Consult Enlist® herbicide labels for weed species controlled. Enlist Duo and Enlist One herbicide not registered for use or sale in all states and counties; are not registered in AK, CA, CT, HI, ID, MA ME, MT, NH, NV, OR, RI, UT, VT, WA and WY; and have additional subcounty restrictions in AL, GA, TN and TX, while existing country restrictions still remain in FL. All users must check "Bulletins Live! Two" no earlier than six months before using Enlist One or Enlist Duo. To obtain "Bulletins," consult epa gov/espp. (2011–1944-447-3913, or email ESPP@epa.gov, You must use the "Bulletin" valid for the month and state and county in which Enlist One or Enlist Duo are being applied. Contact your state pesticide regulatory agency if you have questions about the registration status of Enlist® herbicides in your area. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO USE ANY PESTICIDE PRODUCT OTHER THAN IN ACCORDANCE WITHITS LABELING. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USE IN THE STATE OF APPLICATION USE OF PESTICIDE PRODUCTS, INCLUDING, WITHOUT LIMITATION, 2,4-D-CONTAINING PRODUCTS. NOT AUTHORIZED FOR USE WITH ENLIST CROPS, MAY RESULT IN OFF-TARGET DAMAGE TO SENSITIVE CROPS/AREAS AND/OR SUSCEPTIBLE PLANTS, IN ADDITION TO CIVIL AND/OR CRIMINAL PENALTIES. Additional product-specific stewardship requirements for Enlist crops, including the Enlist Product Use Guide, can be found at www.traitstewardship.com.

MARKET SEGMENT: Designations indicate product is also suitable for the following market: AO -Optimum® AQUAmax® products BMR – Brown MidRith Corn; BOV – Bovalta® BMR Corn; TE - Ploneer® brand exclusive corn silage TonnEdge hybrids, powered by the Silage Zone®, offer livestock producers products that deliver high tonnage potential and superior plant health while providing an edge over the competition with a focus on local selection, agronomics, and quality. All this comes with the service, support, and tools you need to produce the highest quality feed for your operation

CRM (Comparative Relative Maturity): There is not an industry standard for maturity ratings so comparing product maturity and harvest moisture ratings between companies is usually difficult. Use the CRM rating to compare Pioneer® brand products with competitive products of a similar maturity and harvest moisture. CRM ratings, and harvest moistures, for products within a family may vary slightly. take visit indicates. Own daulog, and invest indicated, no products within a family may a yearphy, depending upon the level of insect (FCB and CRW) infestation. Conventional and straight products with the RR2 gene within a family will usually be 1-2 CRMs earlier than indicated, when insect infestations are moderate to heavy. One CRM difference is about ½ point of moisture difference at harvest.

PHYSIOLOGICAL CRM: Measures differences in maturity to zero milkline stage. To help decide if a new product fits your area's growing season, compare its physiological CRM to a product that you plant or one that is successfully used in your area.

GDUs TO PHYSIOLOGICAL MATURITY: Measures differences in growing degree units (GDUs) required to zero milkline stage. To help decide if a new product fits your area's growing season, compare its GDUs to physiological maturity to a product that you plant or one that is successfully used in your area.

MID-SEASON RRITTLE STALK: Batings determined by frequency and severity of stalk snappage at lower to middle stalk internodes from conditions usually favored by rapid or optimum growth. Relative response of products can be affected by planting date, stage of growth, rate of growth, wind severity and other variables. Scores derived from both natural observations and artificial evaluation immediately prior to tasseling. NOTE: Scores do not reflect snappage enhanced by or due to herbicide interaction. The use of growth regulator herbicides such as 2,4-D and dicamba can increase the brittle snap potential of corn products. Products with lower brittle stalk ratings will require more caution and have a higher risk associated with the use of growth regulator herbicides. Early application, proper rates and application methods, along with both product and herbicide selection can help reduce this risk. BRITTLE STALK PRECAUTION: In areas with higher potential for brittle stalk breakage, growers must balance the risk of planting products with brittle stalk ratings of less than 4 against the overall performance of more stant products with higher ratings. All products have a period of susceptibility to brittle stalk. Products with below average ratings may have a longer period of susceptibility, or may experience more severe age relative to products with higher scores during period of susceptibility

STRESS EMERGENCE: All products are expected to establish normal stands under average soil conditions. Stress emergence is a measure of the genetic ability or potential to emerge in the stressful environmental conditions of cold, wet soils or short periods of severe low temperatures, relative to other Pioneer brand products. Ratings of 7-9 indicate very good potential to establish normal stands under such conditions: a rating of 5-6 indicates average potential to establish normal stands under moderate stress conditions; and rating of 1-d indicate the product has below average potential to establish normal stands under conditions; and ratings of 1-d indicate the product has below average potential to establish normal stands under stress and should not be used if severe cold conditions are expected immediately after planting. Stress emergence is not a rating for seedling disease susceptibility, early growth or speed of emergence.

**DROUGHT TOLERANCE:** Drought tolerance is a complex trait, determined by a platform's ability to maintain yield in limited-moisture environments. A higher score indicates the potential for higher yields vs. other platforms of similar maturity in limited-moisture environments.

GRAIN DRYDOWN: Compares products of similar maturity for rate of moisture loss during grain drydown. A higher score indicates faster drydown. A lower score indicates slower drydown, or a wide opportunity for silage and high-moisture corn harvest

EAR FLEX: Score reflects the ability of a product to flex ear size as plant density is reduced, or as

TEST WEIGHT: Higher score indicates heavier test weight.

PLANT HEIGHT: 9 = Very Tall: 1 = Short. FAR HEIGHT: 9 = High: 1 = Low

#### **GRAIN CORN DISEASE FOOTNOTES**

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

DISEASE PRECAUTION: Grower should balance product yield notential, product maturity and cultural ease-risk conditions, consider planting products with at least moderate resistance ratings of 4 or higher to help reduce risk. When susceptible products with disease ratings of 1 to 3 are planted in conditions of high disease pressure, the grower assumes a higher level of risk. If conditions are severe conduction in ingli viscase pressure, the given assures a Ingline level in its. It conducts are severe, even products rated as resistant can be adversely affected. Independent of yield reduction, diseases can predispose plants to secondary diseases such as stalk rots. This requires individual field and product monitoring for stalk stability and timely harvest when warranted.

DISEASE & PEST RATINGS: 8-9 = Highly Resistant; 6-7 = Resistant; 4-5 = Moderately Resistant; 1-3 = Susceptible; Blank = Insufficient Data.

GRAY LEAF SPOT PRECAUTION: Avoid planting products with a lower gray leaf spot (GLS) rating in continuous corn fields that have a history of GLS infection, unless tillage operations that bury significant amounts of corn residue and inoculum are practiced.

NORTHERN LEAF BLIGHT CAUTION: In conditions where northern leaf blight (NLB) risk is high growers should consider planting only products with at least moderate NLB resistance ratings of 4 or

GIBBERELLA EAR ROT CAUTION: Ratings based upon visual symptoms at harvest. If Gibberella ear rot nas caused significant damage in the past, growers moderate Gibberella ear rot ratings of 5 or higher.

TAR SPOT CAUTION: Scores reflect the relative sensitivity of the hybrids evaluated. Products with higher scores pose lower risk of severe disease development. In areas with tar spot pressure, consider using products with higher tar spot ratings. In addition, consider the use of fungicides labeled for use on tar spot when the disease is present. As more evidence is collected, suggested score minimums for high-risk conditions will be developed

#### **CORN SILAGE FOOTNOTES**

~ The minor component of this blend product is not a Brown MidRib Corn hybrid.

SILAGE CRM (Silage Comparative Relative Maturity): With no industry standard for silage maturity, comparing maturity and harvest moisture across various companies' corn-for-silage hybrids can be difficult. Pioneer silage CRM ratings provide a relative comparison among Pioneer® brand products of rates at which products reach harvestable whole plant moistures. It is on the same scale as the CRM rating provided for grain corn products and does not represent actual days from planting or emergence to harvest moisture or half milkline.

SILAGE YIELD: Based on whole-plant yield per acre (adjusted to 35% dry matter) from multi-year STARCH AND SUGAR, %: Percent starch and soluble sugars (DM basis) in the whole-plant sample

FIBER DIGESTIBILITY: Based on 30-hour rumen-fluid based estimate of the percent of ruminally degradable neutral detergent fiber (NDF) as a percent of total NDF in whole-plant samples, predicted by NIRS. Brown MidRib Corn hybrids are designated with "B" since NDFD30 averages 6-8 percentage points higher than non-BMR silage hybrids. To optimize fiber digestibility, growers should consider use

MILK PER ACRE: 9 = Outstanding: 1 = Poor based on University of Wisconsin MILK 2006 utilizing

MILK PER TON: 9 = Outstanding; 1 = Poor, based on University of Wisconsin MILK2006 utilizing silage

BEEF PER ACRE: 9 = Outstanding; 1 = Poor, based on University of Wisconsin MILK2006 utilizing

**Glyphosate** 





#### **SOYBEAN FOOTNOTES**

#### **NEW New Product**

\*All Pioneer products denoted with ™ are brand names.

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

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

in your area. Scores are based on testing through 2024 harvest and were the latest available at time of printing. Some scores may change after 2025 harvest. Information and ratings are based on average

and soil types and may not predict future results. Refer to <a href="https://www.pioneer.com">www.pioneer.com</a> 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

RELATIVE MATURITY: Shows the relative maturity group rating, with the digits preceding the decimal persenting the general maturity group, and the digit following the decimal 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 elative maturity rating of 1.8 would be a late product in Group 1 maturity.

#### TECHNOLOGY SEGMENT:

ays follow grain marketing, stewardship practices and pesticide label directions. Varieties with the Glyphosate Tolerant trait (including those designated by the letter "R" in the product nu nes that confer tolerance to glyphosate herbicides. Glyphosate herbicides will kill crops that are not

Varieties with Enlist E3® technology (E3): The transgenic soybean event in Enlist E3® soybeans is d by Corteva Agriscience and M.S. Technologies L.L.C.

Following burndown, Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2.4-D that are authorized for preemergence and postemergence use with Enlist® crops. Consult Enlist® herbicide labels for weed species controlled. Enlist Duo and Enlist One herbicides are not registered for use or sale in all states and counties; are not registered in AK, CA, CT, HI, ID, MA, ME, MT, NH, NV, OR, RI, UT, VT, WA and WY: and have additional subcounty restrictions in AL, GA, TN and TX, while existing county restrictions still remain in FL. All users must check "Bulletins Live! Two" n earlier than six months before using Enlist One or Enlist Duo. To obtain "Bulletins," consult epa\_gov/espp call +344-447-3813, or email ESPP@epa\_gov. You must use the "Bulletin" valid for the month and stal and county in which Enlist Done or Enlist Duo are being applied. Contact your state pesticide regulatory agency if you have questions about the registration status of Enlist® herbicides in your area. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO USE ANY PESTICIDE PRODUCT OTHER THAN IN ACCORDANCE WITH ITS LABELING, ONLY USE FORMUL ATIONS THAT ARE SPECIFICALLY LARELED FOR SLICH LISE IN THE STATE OF APPLICATION. FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SOUR OSE IN THE STATE OF APPLICATION. USE OF PESTIGODE PRODUCTS, INCLIDING, WITHOUT LIMITATION, 2.4-D-CONTAINING PRODUCTS NOT AUTHORIZED FOR USE WITH ENLIST CROPS, MAY RESULT IN OFF-TARGET DAMAGE TO SENSITIVE CROPS/AREAS AND/OR SUSCEPTIBLE PLANTS, IN ADDITION TO CIVIL AND/OR CRIMINAL PENALTIES, Additional product-specific stewardship requirements for Enlist crops, including the Enlist Product Use Guide, can be found at www.traitstewardship.com.

Plenish® (P) high oleic soybeans have an enhanced oil profile and are produced and channeled under contract to specific grain markets. Growers should refer to the Pioneer Product Use Guide on <a href="https://www.pioneer.com/us/stewardship">www.pioneer.com/us/stewardship</a> for more information.

= Variety does not contain a herbicide resistant gene.

FIELD EMERGENCE: Rating based on speed and strength of emergence in sub-optimal temperatures.

1-3 = Below Average; 4-6 = Average; 7-9 = Excellent.

#### PHYTOPHTHORA RESISTANCE GENE:

Rps1^^ = Contains Rps1c or Rps1k Phytophthora resistance

Rps 1a = Provides resistance to races 1, 2, 10, 11, 13-18, 24, 26, 27, 31, 32, 36, 38, 48, 50-52, 54-55.

Rps 1c = Provides resistance to races 1, 2, 10, 11, 13-18, 24, 26, 27, 31, 32, 36, 38, 48, 50-52, 54-55.

**Rps 1k** = Provides resistance to races 1-11, 13-15, 17, 18, 21-24, 26, 36-38, 42-44, 46-55. Rps 6 = Provides resistance to races 1-4, 10, 12, 14-16, 18-21, 25, 28, 33-35, 38-48, 52-54.

Rps 3a = Resistant to races 1-5, 8-9, 11, 13-14, 16, 18, 23, 25, 28-29, 31-35, 39-41, 43-45, 47-52, 54. Rps 3c = Resistant to races 1-4, 10-16, 18-36, 38-54.

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.

BROWN STEM ROT: HT = Highly Tolerant; MT = Moderately Tolerant; MS = Moderately Susceptible WHITE MOLD: Scores based on Pioneer research observations of comparative white mold tolerance

ng various soybean products across multiple locations and years. All products are capable of loping 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 SCN RESISTANCE SOURCE: There are three sources of genetic resistance to SCN currently deployed

arketnlace: PI88788: PI548402 (also known as Peking): PI437654 (also known as Hartwin) in the final regulace. Floor 76, F1246-402, labs Nituwi as Fexhiligh, F142-054 flabs in think as half willy, R = Resistant to SCN but the source of that resistance is not yet identified. P188788 provides good to excellent resistance to race 3 and average to excellent resistance to race 14. Peking provides very good to excellent resistance to races 1, 3, and 5. Peking^provides excellent resistance to race 3 and below average to average resistance to race 5.

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

**CHARCOAL ROT:** 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 infection from the charcoal rot pathogen among various soybean products.

CANOPY WIDTH: 9 = Extremely bushy; 1 = Very narrow PLANT HEIGHT FOR MATURITY: 9 = Tall: 1 = Short.

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.

#### INOCULANT FOOTNOTES

\*Rapid React® aerobic stability† technology

\*\* Patented, proprietary and unique L. buchneri strain found only in Nutrivail® feed technology products proven to improve rate of fiber digestibility.

† Improved aerobic stability and reduced heating is relative to untreated silage. Actual results may vary. The effect of any silage inoculant is dependent upon management at harvest, storage and feedor. Factors such as moisture, maturity, chop length and compaction will determine inoculant efficacy

IMPORTANT: Information and ratings are based on relative comparisons with other Pioneer® brand forage additives within each specific crop, not competitive products. Information and ratings are assigned by Pioneer Forage Additive Research, based on average performance across area of use under normal conditions, over a wide range of both environment and management conditions, and may not nredict future results. Product responses are variable and subject to any number of environmental and preduct future results. Product responses are variable and student any subject to any infinited or environmental and management conditions. Please use this information as only part of your product positioning decision. Refer to <a href="https://www.pioneer.com">www.pioneer.com</a> 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.

FERMENTATION: Rate and extent of pH decline and the composition of fermentation acids occurring

NUTRIENT CONSERVATION: Retaining more sugar/starch and reducing protein degradation by rapidly

FIBER DIGESTIBILITY: The digestibility of neutral detergent fiber (NDF) by the ruminant animal

All products may not be registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Always read and follow label directions. The information presented here is not an offer for sale. This is not intended as a substitute for the product label for the product(s) referenced herein. The information contained in this technical document is based on the latest to-date technical information available to Corteya Agriscience, and Corteva reserves the right to update the information at any time. Components of LumiGEN® seed treatments for soybeans are applied at a Corteva Agriscience production facility, or by an independent sales representative of Corteva Agriscience or its affiliates. Not all sales representatives offer treatmer sales representative of otherwary institute or its almittes, not an sales representatives onter treatment services, and costs and other charges may vary. See your sales representative for details. Seed applied technologies exclusive to Corteva Agriscience and its affiliates. ILEVO® HL is a registered trademark of BASF. Sebring® is a registered trademark of Nufarm.

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#### **HI-BRED SEED CORN**



1926 - 1940





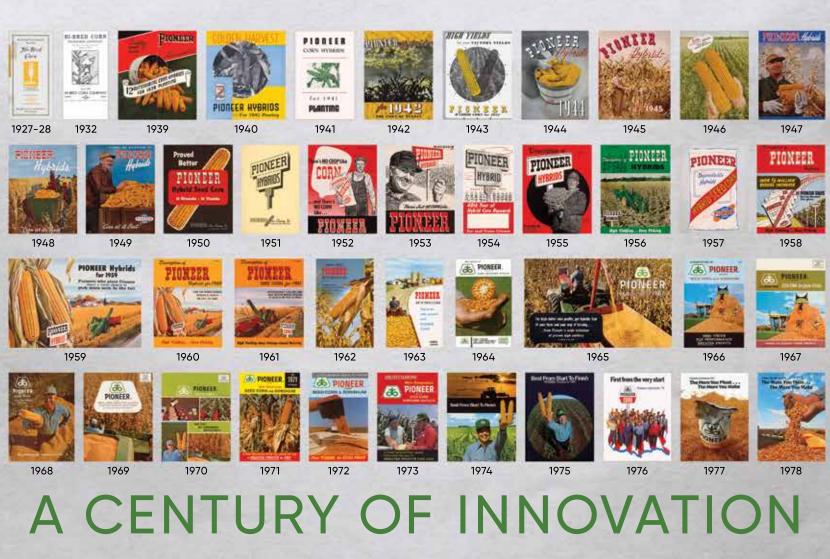


1949 - 1964 1941 - 1949

# The Long Look

The "Long Look," originally written in 1952, has reflected the Pioneer® brand business philosophy since our incorporation in 1926. While we have added and subtracted many products and services from our core seed corn business over the years, our "Long Look" has remained constant. This philosophy – our attitude toward research, production, marketing, and the worldwide network of Pioneer people – will always stay true to the four simple statements of business policy:

- 1. We strive to produce the best products on the market.
- 2. We deal honestly and fairly with our customers, employees, sales representatives, business associates and shareholders.
- 3. We vigorously market our products without misrepresentation.
- 4. We provide helpful management information to assist customers in making optimum profits from our products.









2019-20

2020-21

2021-22

2022-23

2024

2015-16

2016-17

2017-18

2018-19

2025