

PIONEER® 2025 BRAND PRODUCTS

What's next happens here.



What's next happens here.

At Pioneer® brand seeds, innovation drives everything we do. From the scientists in the lab to your local teams with boots on the ground, we collaborate tirelessly, gathering and analyzing billions of data points annually. All to ensure we're delivering industry-leading genetics to the farmers and families who count on us every day.

Visit Pioneer.com/WhatsNext to see how we're innovating the future of farming.



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Grain Corn

What's next is here for your corn acres

Pioneer® brand corn is the #1 choice for Canadian corn growers.

By purchasing Pioneer corn, you're investing in technology and innovation powering the industry's leading seed products. Pioneer's elite seed genetics, state-of the-art breeding technologies and rigorous local testing ensures farmers' crops will thrive. We're investing more resources into our R&D organization, ensuring we continue to deliver more productivity per acre including:

- Continued improvement in yield potential
- Two new corn traits: PowerCore® Enlist™ and Vorceed™ Enlist™
- A wide offering of hybrids with resistance to tar spot
- The most extensive testing for Gibberella ear rot in Eastern Canada

What's next happens here.

What's next happens here.

Two new industry-leading corn traits available in Pioneer® brand corn hybrids



Pioneer® brand PowerCore® Enlist™ corn

- Exceptional broad-spectrum protection against above-ground pests
- Flexibility of the Enlist[™] weed control system
- Maximized corn yield potential



Pioneer® brand Vorceed™ Enlist™ corn

- , 99% reduction in adult corn rootworm emergence
- Flexibility of the Enlist™ weed control system
- Maximized corn yield potential

BRAND	INSECT PR MODES O		HERBICIDE
	ABOVE rCore® Enlist™	BELOW	TOLERANCE
PowerCore® Enlist®	V V V		2,4-D Choline, Glyphosate, Glufosinate, FOP herbicides
Vorceed™ Enlist™	///	///	2,4-D Choline, Glyphosate, Glufosinate, FOP herbicides

Talk to your Pioneer agent or visit Pioneer.com/Canada

Pioneer® brand Product	Technology Segment	Crop Heat Units	CRM	Silk CRM	Physiological CRM	Stalk Strength	Mid-Season Brittle Stalk	Root Strength	Stress Emergence	Drought Tolerance	Staygreen	Grain Drydown	Test Weight	Plant Height	Ear Height	Husk Cover	Gray Leaf Spot	Northern leaf blight	Anthracnose Stalk Rot	Gibberella Ear Rot	Tar Spot
Pioduct	1	J	2	0,	3	0,	4	_	5	6	0,	7	8	9	10	_	11	12		13	14
Р6910ам™	AcreMax LIBERTY LINK W	1950	69	69	69	5	7	5	4	6	5	3	7	4	4	4		3			
Р7211ам™	AcreMax LIBERTY Runder Country	2050	72	70	74	6	5	5	4	7	3	6	7	3	4	4		5			
Р72068ам™	AcreMax LIBERTY LINK W	2100	72	73	73	5	5	6	4	7	5	6	6	5	5	5		5			
Р7389ам™	AcreMax LIBERTY LINK W	2075	73	73	73	6	5	6	4	7	6	3	6	5	5	6		5			
Р7574ам™	AcreMax LIBERTY Roady LINK &	2150	75	77	76	6	5	4	6	5	6	5	6	6	6	5		4			
NEW P76843 PCE™	POWERCÓRE LIBERTY LINK V	2200	76	77	77	6	6	6	4	6	5	6	5	5	6	6		4			
P8034 _{LR} ™	LIBERTY Ready	2325	80	82	85	8	4	8	4	6	5	7	5	4	4	4		7			
Р8048ам™	AcreMax LIBERTY Regarder LINK & CONVE	2350	80	79	80	6	6	6	4	6	5	7	6	5	6	6		6			
Р82288ам™	AcreMax LIBERTY Rundup Ready LINK &	2400	82	82	82	5	5	6	5	6	5	5	5	6	6	5		5			
NEW P82288 PCE™	POWERCÓRE LIBERTY Ready	2400	82	82	82	5	5	6	5	6	5	5	5	6	6	5		5			
Р8294ам™	AcreMax LIBERTY Roady LINK &	2400	82	85	82	5	6	4	5	6	6	5	5	7	7	4		5			
P8294a [∞]	QROME LINK W	2400	82	85	82	5	6	4	5	6	6	5	5	7	7	4		5			
P8407	Conventional	2425	84	85	85	7	4	5	4	7	5	4	5	5	5	6		6			
Р8407ам™	AcreMax LIBERTY Roundup Roundup LINK & CONTRACT	2450	84	85	85	7	4	5	4	7	5	4	5	5	5	6		6			
P8407a [∞]	QROME LINK W	2450	84	85	85	7	4	5	4	7	5	4	5	5	5	6		6			
P8537a [∞]	QROME LINK W	2550	85	83	85	7	4	6	4	6	7	3	6	5	7	5		6			
Р8602ам™	AcreMax LIBERTY LINK W	2600	86	84	86	5	7	6	5	7	5	4	5	6	6	6		5			

Disease & Pest Ratings: 8-9 = Highly Resistant; 6-7 = Resistant; 4-5 = Moderately Resistant; 1-3 = Susceptible; Blank = Insufficient Data.

Pioneer® brand grain corn products are protected by the industry-leading LumiGEN® seed treatment package, including Lumivia™ insecticide seed treatment, new Lumialza™ nematicide seed treatment, and our new Lumiscend™ Pro fungicide seed treatment package.

Lumivia and Lumialza are not considered a Class E pesticide under the Ontario regulation 63/09 of the Pesticides Acts. Select Pioneer® brand corn products are available treated with high-rate seed treatment (Lumivia and clothianidin). Clothianidin is a Class E pesticide. Concerning section 74.1 of the Quebec Pesticides Management Code, as of January 1, 2025 Lumivia is considered to be a Class 3A pesticide. For more information, talk to your Pioneer sales representative. For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, see page 26.

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Pioneer® brand Product	Technology Segment	Crop Heat Units	CRM	Silk CRM	Physiological CRM	Stalk Strength	Mid-Season Brittle Stalk	Root Strength	Stress Emergence	Drought Tolerance	Staygreen	Grain Drydown	Test Weight	Plant Height	Ear Height	Husk Cover	Gray Leaf Spot	Northern leaf blight	Anthracnose Stalk Rot	Gibberella Ear Rot	Tar Spot
NEW P87040 ™	1 Conventional	2550	2 87	89	3	5	6	6	5	6	5	7	8	9	10	5	11	12		13	14
Р87040ам™	AcreMax LIBERTY Randay Roody	2600	87	89	88	5	6	6	5	6	5	6	6	6	6	5		5			
NEW P87040 PCE™	POWERCIPE LIBERTY LINK W	2600	87	89	88	5	6	6	5	6	5	6	6	6	6	5		5			
NEW P87040√"	VORCEED LIBERTY CONT.	2600	87	89	88	5	6	6	5	6	5	6	6	6	6	5		5			
Р8859ам™	AcreMax LIBERTY Resident	2600	88	84	86	6	6	6	6	7	5	7	5	5	7	6		5			
P8859 a™	LIBERTY RANGE CONTRACTOR	2575	88	84	86	6	6	6	6	7	5	7	5	5	7	6		5			
Р9026ам™	AcreMax LIBERTY Randy CONV.2	2650	90	91	90	5	5	6	5	6	6	5	7	6	6	3		5			
P9188	Conventional	2600	91	89	91	6	5	8	4	7	4	4	6	4	4	6	5	7		5	
Р9188ам™	AcreMax LIBERTY Ready LINK & CORN 2	2650	91	89	91	6	5	8	4	7	4	4	6	4	4	6	5	7		5	
NEW P91083 PCE™	POWERCÓRE STOCK ADMICTO LIBERTY LINK: WTO CONT. 2	2650	91	94	94	7	5	5	5	6	5	7	5	5	6	6		6		5	
NEW P91083v [™]	VORCEED LIBERTY Roady	2650	91	94	94	7	5	5	5	6	5	7	5	5	6	6		6		5	
P9233 ⋴™	QROME LINK W	2750	92	89	93	5	3	6	4	6	6	5	6	6	7	5	3	6		5	
P9316 a™	QROME LINK V	2750	93	85	90	5	5	6	4	7	7	5	7	5	6	6	1	6		6	
P9301	Conventional	2725	93	91	91	6	6	5	6	6	6	6	7	6	6	6	4	6		4	4
Р9466ам∟™	AcreMax LIBERTY LINK W	2800	94	95	97	7	7	6	7	7	5	4	5	6	6	5	3	5		5	5
NEW P9466 PCE [™]	POWERCÓRE LIBERTY LINK W	2800	94	95	97	7	7	6	7	7	5	4	5	6	6	5	3	5		5	5
P9492	Conventional	2750	94	97	98	7	7	7	7	7	7	6	5	6	5	5	4	5		3	6*
Р9492ам™	AcreMax LIBERTY LINK W	2825	94	97	98	7	7	7	7	7	7	6	5	6	5	5	4	5		3	6*

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^{4-5 =} Moderately Resistant; 1-3 = Susceptible; Blank = Insufficient Data.

^{*}Ratings denoted with an asterisk (*) reflect preliminary data subject to change when additional data becomes available.

Pioneer® brand Product	Technology Segment	Crop Heat Units	CRM	Silk CRM	Physiological CRM	Stalk Strength	Mid-Season Brittle Stalk	Root Strength	Stress Emergence	Drought Tolerance	Staygreen	Grain Drydown	Test Weight	Plant Height	Ear Height	Husk Cover	Gray Leaf Spot	Northern leaf blight	Anthracnose Stalk Rot	Gibberella Ear Rot	Tar Spot
	1		2		3		4		5	6		7	8	9	10		11	12		13	14
P9624	Conventional	2825	96	96	96	7	6	6	5	8	8	5	6	4	5	6	5	6		7	6
P9624a [™]	QROME LINK W	2850	96	96	96	7	6	6	5	8	8	5	6	4	5	6	5	6		7	6
Р96760ам™	AcreMax LIBERTY LINK W	2850	96	96	98	6	7	6	6	7	7	7	5	5	5	7	4	5		3	5*
NEW P96760 PCE™	POWERCÍPIE LIBERTY PRODUP	2850	96	96	98	6	7	6	6	7	7	7	5	5	5	7	4	5		3	5*
P96760a™	QROME LINK W	2850	96	96	98	6	7	6	6	7	7	7	5	5	5	7	4	5		3	5*
NEW P96760∨™	VORCEED LIBERTY Roads Roads CONV2	2850	96	96	98	6	7	6	6	7	7	7	5	5	5	7	4	5		3	5*
NEW P96567AM™	AcreMax LIBERTY Randup Roots	2850	96	99	98	6	6	7	5	8	7	5	6	5	5	6	4	6		5	6*
NEW P96567a [™]	QROME LINK W	2850	96	99	98	6	6	7	5	8	7	5	6	5	5	6	4	6		5	6*
P9823a [™]	QROME LINK W	2925	98	95	101	5	5	6	5	6	5	4	5	6	6	5	5	6	2	5	5*
NEW P9823 √	VORCEED LIBERTY Ready Roady	2925	98	95	101	5	5	6	5	6	5	4	5	6	6	5	5	6	2	5	5*
Р9815ам™	AcreMax LIBERTY LINK &	2925	98	101	100	7	3	6	6	8	7	8	4	6	5	5	4	5		3	5
P9845 PCE™	AQ POWERCÉRE LIBERTY Randop CORNE	2950	98	101	99	5	5	5	6	9	6	3	6	6	6	6	4	6		4	4
P9845v™	VORCEED LIBERTY Production (Control of Control of Contr	2950	98	101	99	5	5	5	6	9	6	3	6	6	6	6	4	6		4	4
P9946amL™	AcreMax LIBERTY Ready Roody LINK & CONFE	2950	99	97	103	6	6	7	5	7	5	5	7	4	6	5	4	6		6	5
P0035	(AQ) Conventional	2975	100	99	101	5	3	6	5	9	7	5	5	6	5	6	4	5	5	5	7
P0035a™	QROME LIBERTY CONTE	2975	100	99	101	5	3	6	5	9	7	5	5	6	5	6	4	5	5	5	7

AQ = Optimum® AQUAMax® trait Disease & Pest Ratings: 8-9 = Highly Resistant; 6-7 = Resistant;

4-5 = Moderately Resistant; 1-3 = Susceptible; Blank = Insufficient Data. *Ratings denoted with an asterisk (*) reflect preliminary data subject to change when additional data becomes available.

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Pioneer® brand Product	Technology Segment	Crop Heat Units	CRM	Silk CRM	Physiological CRM	Stalk Strength	Mid-Season Brittle Stalk	Root Strength	Stress Emergence	Drought Tolerance	Staygreen	Grain Drydown	Test Weight	Plant Height	Ear Height	Husk Cover	Gray Leaf Spot	Northern leaf blight	Anthracnose Stalk Rot	Gibberella Ear Rot	Tar Spot
P0075	1 Conventional	2975	100	103	3 104	6	6	6	5	6	5	7 5	8 5	9	10	5	11	12	4	13	6
P0075q**	QROME LINK W	3000	100	103	104	6	6	6	6	8	5	5	5	5	5	5	5	6	4		6
P0487	(AG) Conventional	3100	104	103	105	5	6	5	6	9	5	4	5	7	6	6	5	6	5	3	6
P0404Q**	LIBERTY Rundup Report CONT. 2	3125	104	100	102	5	6	7	5	8	4	3	5	5	5	6	5	5	4	5	5*
P04922a™	UBERTY Rounday	3125	104	101	104	7	5	7	6	7	5	3	6	6	5	6	4	6	5	3	8
Р04511ам™	AcreMax LIBERTY Rounday Contra	3125	104	102	101	6	5	6	5	7	6	3	6	6	5	6	4	5	7	4	5
Р0506ам™	ACTEMAX LIBERTY FINANCE LINK	3150	105	105	105	6	6	4	5	9	7	7	5	6	5	3	5	6	5	5	6
P0529a™	QROME LINK W	3150	105	108	106	6	6	6	5	6	5	8	5	6	6	5	5	6	5	5	6*
P0720	Conventional	3200	107	106	109	6	4	7	5	8	6	5	7	5	6	5	4	6	5	4	7
P0720g™	QROME LINK W	3250	107	106	109	6	4	7	5	8	6	5	7	5	6	5	4	6	5	4	7
Р0806ам™	AcreMax LIBERTY LINK	3250	108	109	109	6	5	6	4	6	5	5	6	6	6	5	5	5	5	4	6
Р0859ам™	AcreMax LIBERTY Randy Contra	3250	108	111	111	6	7	6	5	7	7	5	5	6	6	7	5	5	5	3	5
Р0953ам™	AcreMax LIBERTY LINK W	3300	109	111	113	6	6	6	5	6	6	3	6	6	5	7	5	6	6	3	5
NEW P1136AM™	AcreMax LIBERTY Randy CONTE	3400	111	112	111	5	4	6	5	6	5	4	7	5	5	7	5	5	4	6	6*

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LumiGEN® seed treatments are exclusive to the seed brands of Corteva Agriscience™ and represent the high performing, industry leading seed applied technologies that are available on our Pioneer® brand seed genetics.

Our recipe ingredients are meticulously chosen from hundreds of products to ensure our selections deliver the best customer value, helping you establish healthy, uniform crops and maximize productivity. Only seed treatments that excel in our unique PASSER process earn the LumiGEN® seed treatment mark of assurance.

Designed for our genetics. Verified on our genetics. Proven in the field with our genetics.

LumiGEN® Corn Package

Lumivia[™]

INSECTICIDE SEED TREATMENT

Lumivia™ insecticide seed treatment helps corn growers maximize their seed investment with excellent broad-spectrum protection against key early season insect pests.

Lumiscend PRO

FUNGICIDE SEED TREATMENT

The **NEW** LumiGEN® corn fungicide seed treatment, including new Lumiscend™ Pro fungicide seed treatment, is a unique combination of four active ingredients to deliver multi-mode-of-action protection from early season seed and soil-borne diseases, adding a new level of protection against *Rhizoctonia* and *Pythium* species.

Lumialza[™]

NEMATICIDE SEED TREATMENT

Lumialza™ nematicide seed treatment is a biological nematicide that shields corn roots from harmful nematodes for over 80 days while cooperating with beneficial organisms to enhance crop vigour and yield potential.







Pioneer® brand corn is protected by industry-leading LumiGEN seed treatments.

Consult your Pioneer sales representative for specific seed treatment recommendations.

Consult your Pioneer sales representative for specific seed treatment recommendations. LumiGEN Premium Performance Corn Seed Treatment Package

Product	Group	Disease, Nematode and Insect Protection
NEW Lumiscend™ Pro	4, 7, 22	Pythium, Rhizoctonia, Fusarium, Corn head smut
Ipconazole	3	r ythian, Mizoctofiid, rusanan, commead shiat
NEW Lumialza™	Biological	Key nematode species including sting, needle, lance, stubby-root, root-knot, dagger and lesion
Lumivia™ 500	28	Wireworm, White grub, Seedcorn maggot, Black cutworm

LumiGEN Pre	emium High-Ro	ate Insecticide Package for High Insect Pressure Environments**
Product	Group	Disease, Nematode and Increased Insect Protection
NEW Lumiscend™ Pro	4, 7, 22	A Dathing Blinesterie Function Comband and
Ipconazole	3	Pythium, Rhizoctonia, Fusarium, Corn head smut
NEW Lumialza™	Biological	Key nematode species including sting, needle, lance, stubby-root, root-knot, dagger and lesion
Lumivia™ 750	28	
Clothianidin 500	4	Enhanced protection from wireworm, White grub, Seedcorn maggot, Black cutworm

Herbicide Management Guide

Pioneer® brand Product	ORM	 Technology Segment 	Amide	Benzoic Acid and Phenoxy	eloxazole 25	n 26
Р6910ам™	69	AcreMax LIBERTY LINK	•	•	•	•
Р7211ам™	72	AcreMax LIBERTY LINK W	•	•	•	•
Р7389ам™	73	AcreMax LIBERTY LINK W	•	•	•	•
Р7574ам™	75	AcreMax LIBERTY	•		•	•
P8034LR™	80	LIBERTY LINK 🖤	•	•	•	
Р8048ам™	80	AcreMax LIBERTY LINK W	•		•	•
Р82288ам™	82	AcreMax LIBERTY LINK W	•	•	•	•
P82288pce**	82	POWERCÓNE LIBERTY LINK W	•	•	•	•
Р8294ам™	82	AcreMax LIBERTY LINK	•	•	•	•
P8294q"	82	QROME LINK W	•	•	•	•
P8407	84	Conventional	•	•	•	•
Р8407ам™	84	AcreMax LIBERTY LINK W	•	•	•	•
P8407a~	84	QROME LINK W	•	•	•	•
P8537a [∞]	85	QROME LINK W	•		•	•
Р8602ам™	86	AcreMax LIBERTY	•		•	•
P87040	87	Conventional	•		•	
Р87040ам™	87	AcreMax LIBERTY	•		•	
P87040pce™	87	POWERCINE LIBERTY LINK W	•		•	
P87040v~	87	VORCEED LIBERTY LINK W	•		•	
P8859q~	88	QROME LINK W	•	•	•	•
Р8859ам™	88	AcreMax LIBERTY	•	•	•	•
Р9026ам™	90	AcreMax LIBERTY	•	•	•	•
P9188	91	Conventional	•	•	•	•
Р9188ам™	91	AcreMax LIBERTY LINK	•	•	•	•
P9233q"	92	QROME LINK &	•	•	•	•
9301	93	Conventional	•	•	•	•
P9316a [∞]	93	QROME LINK W	•	•	•	
Р9466амг	94	AcreMax LIBERTY LINK W	•	•	•	•
P9466 PCE™	96	POWERCIPE LIBERTY LINK W	•	•	•	•
P9492	94	Conventional				
Р9492ам™	94	AcreMax LIBERTY LINK				
P9624	96	Conventional				
P9624q**	96	QROME LINK W				
Р96760ам™	96	AcreMax LIBERTY LINK V				
P96760pce™	96	ENIST LINK W				
P96760q"	96	QROME LINK W				
P96760v	96	VORCEED LIBERTY LINK W				

P9815AMT 98 ACTEMAX LIBERTY	Pioneer® brand Product	CRM	→ Technology Segment	Amide	Benzoic Acid and Phenoxy	elozaxosl 25	ns 26
P9823a- 98	Р9815ам"	98	AcreMax LIBERTY LINK	•	•	•	•
P9845pce	P9823q-	98		•	•	•	•
P9845v 98	P9823v~•	98	VORCEED LIBERTY LINK W	•	•	•	•
P9946ami	P9845PCE"	98	POWERCIPE LIBERTY LINK W	•	•	•	•
P0035 100 Conventional	P9845v-	98	VORCEED LIBERTY LINK W	•	•	•	•
P0035 100 Conventional	Р9946амг	99	AcreMax LIBERTY LINK &	•	•	•	•
P0075 100 Conventional	P0035	100		•	•	•	•
P0487 104 Conventional P0404a ⁻ 104 Conventional P0506am ⁻ 105 AcreMax LIBERTY → P0529a ⁻ 105 OROME LINK → P0720 107 Conventional P0720a ⁻ 107 OROME LINK → P0806am ⁻ 108 AcreMax LIBERTY → P0806am ⁻	P0035q-	100	QROME LINK W	•	•	•	•
P0404a ⁻ 104	P0075	100	Conventional	•	•	•	•
P0404a ⁻ 104	P0075q	100	QROME LINK W	•	•	•	•
P0506AM" 105	P0487	104	Conventional	•	•	•	•
P0529a 105	P0404q"	104	QROME LINK W	•	•	•	•
P0720 107 Conventional P0720a 107 Conventional P0806Am 108 AcreMax LIBERTY ACREMATE LINK V ACR	Р0506ам"	105	AcreMax LIBERTY LINK &	•	•	•	•
P0720a- 107	P0529q-	105	QROME LINK W	•	•	•	•
PO806AM- 108 AcreMax LIBERTY LINK LINK LINK	P0720	107	Conventional	•	•	•	•
<u> </u>	P0720a-	107	QROME LINK W	•	•	•	•
PO859AM 108 AcreMax LIBERTY LINK W	Р0806ам"	108	AcreMax LIBERTY LINK W	•	•	•	•
4	Р0859ам™	108	AcreMax LIBERTY LINK W	•	•	•	•
P0935AM" 109 AcreMax LIBERTY LINK LINK LINK LINK LINK LINK LINK LINK	Р0935ам™	109	AcreMax LIBERTY LINK W	•	•	•	•
P1136AM" 111 AcreMax LIBERTY LINK & ACREMA	Р1136ам™	111	AcreMax LIBERTY LINK W	•	•	•	•

Products not listed on this chart have yet to receive Herbicide Management ratings. For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, see page 26.

⁼ Adequate Tolerance

^{▼ =} Requires Careful Management

⁼ Crop Response Warning

⁼ Insufficient Data

>>> Soybeans

What's next is here for your soybean acres

Pioneer® brand soybeans are the #1 choice for Canadian soybean growers.

By purchasing Pioneer soybeans, you're investing in technology and innovation powering the industry's leading seed products. Pioneer's elite seed genetics, state-of the-art breeding technologies and rigorous local testing ensures farmers' crops will thrive. We're investing more resources into our R&D organization, ensuring we continue to deliver more productivity per acre including:

- Z-Series soybeans that offer superior yield potential and industry leading agronomic strength.
- The Enlist™ weed control system provides powerful herbicide solutions for hard-to-control and resistant weeds like waterhemp, Canada fleabane, and horsetail.







What's next happens here.

A new era in soybean performance.

- More yield: 2.7 bu/a advantage vs. current A-Series soybeans
- Better agronomics: Improved disease protection against white mould and SDS
- Weed control flexibility: Powered by the Enlist[™] weed control system



Learn more at Pioneer.com/Z-Series





Pioneer® brand Product	Technology Segment	Relative Maturity	Crop Heat Units	Harvest Standability	Field Emergence	Phytophthora Gene	Phytophthora Field Tolerance	White Mould	Sudden Death Syndrome	Soybean cyst nematode source	Canopy Width	Plant Height for Maturity	Hila Colour
	1	2			3	4	5	6		7	8	9	10
SERIES NEW PO03Z08E™	Enlist E3	003	2350	7**	7	1c	5**	5**	3**	-	4**	6	BF
SERIES NEW POO4Z87E"	Enlist E3 SOYBEANS	004	2375	6**	7	1c	5**	5**	3**	-	5**	4	Y
SERIES NEW PO06Z63E**	Enlist E3	006	2425	8**	6	1c	4**	7**	4**	-	4**	6	Υ
P007A68e**	Enlist E3	007	2450	8	7**	1c	5**	6	2**	-	4**	5	BF
SERIES SOYBEANS NEW PO1Z13E**	Enlist E3	01	2550	6**	7	1k	5**	5	6**	-	6**	5	BL
P04A98e™	Enlist E3	04	2625	7	7	1c	7**	6	4**	-	4**	3	BR
SERIES NEW PO5Z60ET	Enlist E3	05	2650	7**	7	1c	5**	6	4**	PI88788	5**	3	BR
P06A38e**	Enlist E3	06	2675	7	6	1c	7**	7	5**	-	5	4	BR
SERIES NEW PO6Z90E"	Enlist E3	06	2675	7**	8	1k	6**	5	5**	PI88788	6	4	BR
P08A44e**	Enlist E3	08	2725	7	6	1k	4**	4	4**	PI88788	4**	5	BR
SERIES NEW PO9Z79E	Enlist E3	09	2750	7**	7	1k	4**	6**	6**	PI88788	6**	5	BR
SERIES NEW P11Z72E	Enlist E3	11	2800	6**	6	1c	5**	6	5**	Peking	5**	4	BR

Pioneer® brand soybeans are protected by the industry-leading LumiGEN® seed treatment package, including LumiTreo™ fungicide seed treatment. Ensure that you add Lumiderm™ insecticide seed treatment for maximum protection.

Seed treated with this seed treatment is not considered a Class E pesticide under the Ontario Regulation 63/09 of the Pesticides Act. Concerning section 74.1 of the Quebec Pesticides Management Code, as of January 1, 2025 Lumiderm is considered to be a Class 3A pesticide. For more information, talk to your local Pioneer sales representative. For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, see page 28.

Enlist™ program approach recommendations at your fingertips.

Download the Corteva Agriscience Field Guide app! It's a straightforward and easy tool to help choose the right program approach for your Enlist E3™ soybeans to help protect your crop and maximize your profit potential.





^{**}Ratings denoted with an asterisk (**) reflect preliminary data subject to change when additional data becomes available.

	197			- 15						SO	YB	EAI	N
Pioneer® brand Product	Technology Segment	Relative Maturity	Crop Heat Units	Harvest Standability	Field Emergence	Phytophthora Gene	Phytophthora Field Tolerance	White Mould	Sudden Death Syndrome	Soybean cyst nematode source	Canopy Width	Plant Height for Maturity	Hila Colour
	1	2			3	4	5	6		7	8	9	10
SERIES NEW P13Z28E™	Enlist E3	13	2850	7**	6	1k	4**	6	5**	PI88788	5**	5	BL
P17A87 _E ~	Enlist E3 SOYBEANS	17	2950	7	7	1k	5**	4	6	PI88788	5	5	BL
SERIES NEW P17Z39E™	Enlist E3 SOYBEANS	17	2950	7	7	1k	4**	5	7**	Peking	5**	5	BL
SERIES NEW P18Z01E™	Enlist E3	18	2975	7	6	1k	4**	5	8**	Peking	6	4	BL
P19A37e™	Enlist E3	19	3000	7	8	1k,3a		4	6**	PI88788	5**	5	BL
SERIES NEW P21Z88E™	Enlist E3	21	3050	7	7	1k	4**	5	6**	Peking	6	6	BR
P22A67e™	Enlist E3	22	3075	6	7	1k,3a		4	6**	PI88788	5**	5	BL
SERIES NEW P23Z58E™	Enlist E3 SOYBEANS	23	3100	8	7	1k	4**	5	5**	Peking	6	5	BR
P24A07 E™	Enlist B SOYBEANS	24	3125	6	6	1k	3**	5	4**	PI88788	4**	7	BR
P25A16e™	Enlist E3 SOYBEANS	25	3150	8	7	1k	4**	6	7	Peking	6	5	BR
SERIES NEW P26Z78E™	Enlist E3	26	3175	8	7	1k	5**	5	5**	PI88788	5**	5	BL

Pioneer® brand soybeans are protected by the industry-leading LumiGEN® seed treatment package, including LumiTreo™ fungicide seed treatment. Ensure that you add Lumiderm™ insecticide seed treatment for maximum protection.

Seed treated with this seed treatment is not considered a Class E pesticide under the Ontario Regulation 63/09 of the Pesticides Act. Concerning section 74.1 of the Quebec Pesticides Management Code, as of January 1, 2025 Lumiderm is considered to be a Class 3A pesticide. For more information, talk to your local Pioneer sales representative. For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, **see page 28.**

^{**}Ratings denoted with an asterisk (**) reflect preliminary data subject to change when additional data becomes available.

Pioneer® brand Product	Technology Segment	Relative Maturity	Crop Heat Units	Harvest Standability	Field Emergence	Phytophthora Gene	Phytophthora Field Tolerance	White Mould	Sudden Death Syndrome	Soybean cyst nematode source	Canopy Width	Plant Height for Maturity	Hila Colour
	1	2			3	4	5	6		7	8	9	10
SERIES SOYBEANS NEW P28Z30ET	Enlist E3 SOYBEANS	28	3225	8	7	1k	6**	5	6**	PI88788	5**	5	BL
SERIES NEW P28Z89ETT	Enlist E3 SOYBEANS	28	3225	8	7	1k	4**	5	6**	Peking	6	5	BR
P30A75E**	Enlist E3 SOYBEANS	30	3275	7	7**	1k	5**	4	6	PI88788	6	4	BR
SERIES NEW P31Z32ETT	Enlist B SOYBEANS	31	3300	8	7	1k	5**	6	6	PI88788	6**	5	BL
SERIES SOYBEANS NEW P32Z91E**	Enlist B	32	3325	9	7	1k,3a		5	6	Peking	6**	5	BL
P07A10	Conventional	07	2700	6**	8	1c	7	4	3**	PI88788	7	6	Υ
P09A20 [†]	Conventional	09	2750		7**	1c,3a					4**	4	TN
P11A10	Conventional	11	2800	6	7	3a		4	4**	PI88788	4	6	Υ
P11A67 [†]	Conventional	11	2800	8	7			6**			6	6	TN
P13A03	Conventional	13	2850	6**	7	1c	5	4**	4**	PI88788	5	4	Υ
P15A20	Conventional	15	2900	7	8	1c	7	5	3**	PI88788	5	5	Υ
P21A20	Conventional	21	3050	6	7	1c	5	4	5	PI88788	6	4	TN

Seed treated with this seed treatment is not considered a Class E pesticide under the Ontario Regulation 63/09 of the Pesticides Act. Concerning section 74.1 of the Quebec Pesticides Management Code, as of January 1, 2025 Lumiderm is considered to be a Class 3A pesticide. For more information, talk to your local Pioneer sales representative. For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, see page 28.

[†] Available only in Québec

^{**}Ratings denoted with an asterisk (**) reflect preliminary data subject to change when additional data becomes available. Pioneer® brand soybeans are protected by the industry-leading LumiGEN® seed treatment package, including LumiTreo™ fungicide seed treatment. Ensure that you add Lumiderm™ insecticide seed treatment for maximum protection.



LumiGEN® seed treatments are exclusive to the seed brands of Corteva Agriscience and represent the high performing, industry leading seed applied technologies that are available on our Pioneer® brand seed genetics.

Our recipe ingredients are meticulously chosen from hundreds of products to ensure our selections deliver the best customer value, helping you establish healthy, uniform crops and maximize productivity. Only seed treatments that excel in our unique PASSER process earn the LumiGEN® seed treatment mark of assurance.

Designed for our genetics. Verified on our genetics. Proven in the field with our genetics.

LumiGEN® Soybean Package

LumiTreo[™]

FUNGICIDE SEED TREATMENT

Lumiderm

INSECTICIDE SEED TREATMENT

NEW LumiGEN soybean fungicide seed treatment, featuring LumiTreo™, provides the best, most advanced protection against phytophthora for

healthier, more vigorous soybean stands and higher yield potential.

Lumiderm™ insecticide seed treatment provides broad spectrum protection form early season insect pests including bean leaf beetle, soybean aphid, and cutworms.









Learn more about Corteva's Seed Applied Technology Portfolio:

Ridgetown, ON

Pioneer® brand soybeans are protected by industry-leading LumiGEN seed treatments.

Consult your Pioneer sales representative for specific treatment suggestions.

LumiGEN. Seed Treatments

LumiGEN Premium Performance Soybean Seed Treatment Package

Product	Group	Advanced Insect and Disease Protection									
LumiGEN FST with LumiTreo™	3, 4, 11, 49	PhytophthoraPythiumRhizoctoniaFusarium									
Lumiderm™	28	 Bean leaf beetle Seed corn maggot European chafer Masked chafer June beetle Wireworm Soybean aphid Cutworm 									

The LumiGEN Premium Performance Soybean Seed Treatment Package is available with an inoculant and/or nematicide for further protection.

MANAGING PROBLEM WEEDS IN ENLIST E3™ SOYBEANS WITH A PROGRAM APPROACH



THE PROGRAM APPROACH is a **two-pass system** that uses Multiple Modes of Action to effectively control weeds and manage herbicide resistance in **Enlist E3™ soybeans**.

Weed	Modes of Action	Preplant or Pre- emergence with Residual Activity	Post-emergence up to R1 or R2	Benefits
Canada fleabane (glyphosate resistant)	2,4,5,9,10	Canopy™ PRO herbicide Apply as a burndown with glyphosate and a second effective mode of action	Enlist™ 1 + Liberty® 200 SN* OR Enlist 1 + glyphosate	Canada fleabane currently has no known resistance to Group 4 or Group 10 herbicides. Wide application window helps control late flushes.
Waterhemp (glyphosate resistant)	2,4,14 with 9 (glyphosate) or 10 (Liberty)	Diligent™ herbicide	Enlist 1 + glyphosate OR Enlist 1 + Liberty® 200 SN*	Save Groups 4,9,10 for second pass. Waterhemp populations are currently susceptible to both Enlist™ herbicide options.
Field Horsetail	2,4,9	Broadstrike RC + glyphosate + Enlist 1	Enlist 1 + glyphosate	2 effective modes of action on field horsetail (groups 2 and 4). Option for a 2nd in-crop application of Enlist 1. Excellent opportunity to manage this weed in a soybean crop

Enlist herbicides come with Colex-D™ technology for near-zero volatility and low drift

Enlist herbicides are critical tools enabling post-emergence control, without fear of off-target movement.

Talk with your retailer or download and use the **Field Guide app** to identify solutions for your farming operation.

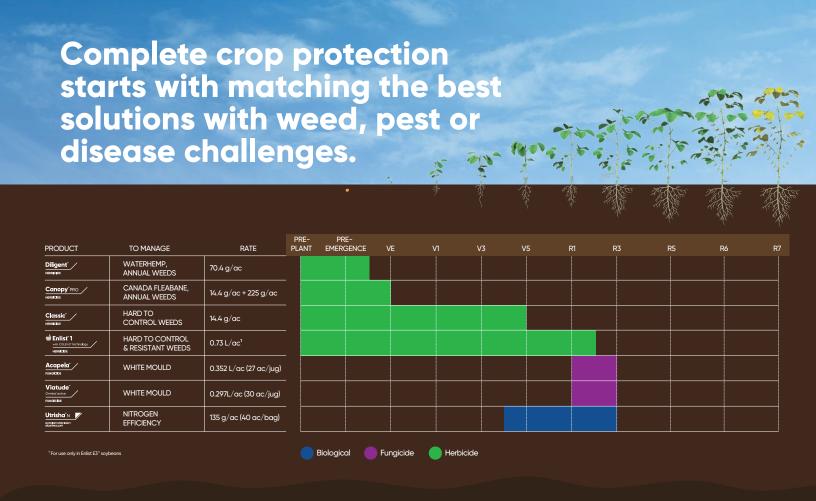
Learn more at **enlistcanada.ca**



Maximize yield potential with solutions from Corteva Agriscience

Corteva Agriscience is proud to offer leading crop protection solutions, including a complete product lineup for soybeans. This means farmers can manage their soybean acres confidently with Corteva knowledge, technology and solutions.





>>> Silage Corn

Ready for what's next in silage corn?

Bovalta™ BMR is here. Bovalta BMR combines the digestibility you've come to expect with a whole new level of yield potential.



NEW Bovalta™ BMR. This isn't the BMR you think you know.

Pioneer® brand Product	Technology Segment	Silage Segment	Silage Crop Heat Units	Silage CRM	Silage Yield	Starch and Sugar	Fibre Digestibility	Silage Crude Protein	Milk Per Acre	Milk Per Ton	Stalk Strength	Root Strength	Stress Emergence	Drought Tolerance	Plant Height	Ear Height	Northern leaf blight	Gibberella Ear Rot	Tar Spot
	1			15	16	17	18	19	20	21			5	6	9	10	12	13	14
P9482 sse™	SmartStax Enlist	BMR	2400-2700	95	6	6	В	7	7	9	7	4	7	5	8	8	3		
P9648 sxra [™]	SmartStax	BMR	2500-2800	95	6	6	В	8	8	9	5	4	5	4	9	6	4		
P95075 a™	QROME LINK W	Bovalta BMR	2500-2800	95	7	7	В	8	7	8		6	5		5	6	4		
<i>NEW</i> P9884Q [™]	QROME LINK W	Bovalta BMR	2600-2900	98	7	7	В	8	7	9	4	5	5		5	5	5		
P08133a [™]	QROME LINK W	Bovalta BMR	3100-3400	108	7	7	В	7	7	9		6	5		7	7	5		

NEW = New Product

Disease & Pest Ratings: 8-9 = Highly Resistant; 6-7 = Resistant;

4-5 = Moderately Resistant; 1-3 = Susceptible; Blank = Insufficient Data.

Pioneer® brand silage corn products are protected by the industry-leading LumiGEN® seed treatment package, including Lumivia™ insecticide seed treatment, new Lumialza™ nematicide seed treatment, and our new Lumiscend™ Pro fungicide seed treatment package.

Lumivia and Lumialza are not considered a Class E pesticide under the Ontario regulation 63/09 of the Pesticides Acts. Select Pioneer® brand corn products are available treated with high-rate seed treatment (Lumivia and clothianidin). Clothianidin is a Class E pesticide. Concerning section 74.1 of the Quebec Pesticides Management Code, as of January 1, 2025 Lumivia is considered to be a Class 3A pesticide. For more information, talk to your Pioneer sales representative. For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, see page 26.

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Pioneer® brand Product	Technology Segment	Silage Segment	Silage Crop Heat Units	Silage CRM	Silage Yield	Starch and Sugar		ত Silage Crude Protein	© Milk Per Acre	Milk Per Ton	Stalk Strength	Root Strength	o Stress Emergence	 Drought Tolerance 	 Plant Height 	ට Ear Height	Northern leaf blight	র Gibberella Ear Rot	Tar Spot
Р9377амхт™	AcreMax LIBERTY LINK &	Silage Specific	2500-2800	93	9	7	7	9	6	6	4	8	6	7	6	8	6	5	
Р9789амхт™	AcreMax LIBERTY LINK W	Silage Specific	2600-2900	95	8	7	8	9	8	7	5	6	6	6	6	5	6	4	
P0031a [™]	QROME LINK W	Silage Specific	2700-3000	101	8	9	6	6	9	7	5	6	6	6	5	6	6	5	5*
Р0242амхт™	AcreMax LIBERTY LINK W	Silage Specific	2800-3100	104	7	9	8	7	8	9	6	5	5	7	6	5	5	6	
Р0789амхт™	AcreMax LIBERTY LINK W	Silage Specific	3100-3400	107	9	6	7	7	9	7	6	5	6	4	9	8	5		
Р6910ам™	AcreMax LIBERTY LINK W	Dual Purpose	1800-2100	70	6	8	7	8	6	8	5	5	4	6	4	4	3		
Р72068ам™	AcreMax LIBERTY LINK W	Dual Purpose	1900-2200	73	8	7	6	7	7	6	5	6	4	7	5	5	5		
NEW P76843 PCE [™]	POWERCÓNE LIBERTY LINK W	Dual Purpose	2000-2300	78	7	7	7	8	7	7	6	6	4	6	5	6	4		
Р7574ам™	AcreMax LIBERTY LINK	Dual Purpose	2000-2300	79	9	7	6	8	9	6	6	4	6	5	6	6	4		
P8859a™	QROME LINK	Dual Purpose	2300-2600	82	7	8	7	7	7	7	6	6	6	7	5	7	5		
P8294Q™	QROME LINK	Dual Purpose	2300-2600	83	8	7	5	7	8	6	5	4	5	6	7	7	5		
P8407a™	QROME LINK	Dual Purpose	2400-2700	86	8	8	8	8	8	8	7	5	4	7	5	5	6		
NEW P87040∨ [™]	VORCEED LIBERTY LINK W	Dual Purpose	2500-2800	88	8	7	7	7	8	8	5	6	5	6	6	6	5		
P9233 a™	QROME LINK W	Dual Purpose	2500-2800	90	8	8	7	6	8	8	5	6	4	6	6	7	6	5	
NEW P9466 PCE™	POWERCÍNE Enir	Dual Purpose	2500-2800	91	8	8	7	6	8	7	7	6	7	7	6	6	5	5	5
NEW P91083∨ [™]	VORCEED LIBERTY LINK W	Dual Purpose	2500-2800	92	7	7	6	6	7	7	7	5	5	6	5	6	6	5	
NEW P96760∨ [™]	VORCEED LIBERTY LINK W	Dual Purpose	2600-2900	97	7	8	7	7	8	7	6	6	6	7	5	5	5	3	5*
NEW P9823∨ [™]	VORCEED LIBERTY LINK W	Dual Purpose	2600-2900	98	9	7	7	7	8	7	5	6	5	6	6	6	6	5	5*
P9845v™	AQ VORCEED LIBERTY LINK W	Dual Purpose	2600-2900	98	9	8	6	6	8	6	5	5	6	9	6	6	6	4	4
P0035a [™]	QROME LINK W	Dual Purpose	2700-3000	101	9	7	7	6	8	7	5	6	5	9	6	5	5	5	7
P0404Q [™]	QROME LINK W	Dual Purpose	2700-3000	102	8	8	6	6	8	7	5	7	5	8	5	5	5	5	5*
P0075a™	QROME LINK W	Dual Purpose	2800-3100	106	8	7	9	7	8	8	6	6	6	8	5	5	6	6	6
P0720a™	QROME LINK	Dual Purpose	3100-3400	112	7	8	8	7	9	9	6	7	5	8	5	6	6	4	7

NEW = New Product

AQ = Optimum® AQUAMax® trait

Disease & Pest Ratings: 8-9 = Highly Resistant; 6-7 = Resistant;

4-5 = Moderately Resistant; 1-3 = Susceptible; Blank = Insufficient Data.

Pioneer® brand silage corn products are protected by the industry-leading

LymiGEN® seed treatment package including Lymiya® inserticide seed

Pioneer® brand sliage corn products are protected by the industry-leading LumiGEN® seed treatment package, including Lumivia™ insecticide seed treatment, new Lumialza™ nematicide seed treatment, and our new Lumiscend™ Pro fungicide seed treatment package. Lumivia and Lumialza are not considered a Class E pesticide under the Ontario regulation 63/09 of the Pesticides Acts. Select Pioneer® brand corn products are available treated with high-rate seed treatment (Lumivia and clothianidin). Clothianidin is a Class E pesticide. Concerning section 74.1 of the Quebec Pesticides Management Code, as of January 1, 2025 Lumivia is considered to be a Class 3A pesticide. For more information, talk to your Pioneer sales representative. For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, see **page 26**.

Sila-Bac® brand Nutrivail® feed technology

Improves Fermentation

CORN FIBRE TECHNOLOGY

11CFT

Helps to improve nutrient conservation and fibre digestibility. Reduces dry matter loss by rapidly lowering corn silage pH. Contains a proprietary L. buchneri strain to significantly improve bunklife and reduce aerobic losses at feed-out. Excellent choice for high-production animals fed high levels of corn silage. Can allow for higher forage inclusion rates, reducing the need for supplemental protein and energy sources in the ration.

Registered product claims:

- Improved dry matter intake
- Improved neutral detergent fibre digestibility
- Improved gain/tonne of silage fed
- Improved feed efficiency
- Reduced heating at feeding
- Reduced dry matter loss at feeding

GRASS FIBRE TECHNOLOGY

11GFT

Helps to improve nutrient conservation and fibre digestibility. Reduces dry matter loss by rapidly lowering grass or cereal silage pH. Contains a proprietary L. buchneri strain to significantly improve bunklife and reduce aerobic losses at feed-out. Excellent choice for high production animals fed high levels of cereal or grass forage. Can allow for higher forage inclusion rates, reducing the need for supplemental protein and energy sources in the ration.

Registered product claims:

- Improves acid detergent fibre (ADF) digestibility
- digestibility

Improves neutral detergent fibre (NDF)

ALFALFA FIBRE TECHNOLOGY

11AFT

Helps to improve nutrient conservation and fibre digestibility. Reduces dry matter loss and protein degradation by rapidly lowering alfalfa silage pH. Contains a proprietary L. buchneri strain to significantly improve bunklife and reduce aerobic losses at feed-out. Excellent choice for highproduction animals fed high levels of alfalfa forage. Can allow for higher forage inclusion rates, reducing the need for supplemental protein and energy sources in the ration.

Registered product claims:

- Improves acid detergent fibre (ADF)
- Improves neutral detergent fibre (NDF)
- Improves crude protein digestibility of alfalfa silage ensiled at 35%-45% dry matter

For complete definitions and disclaimers related to product descriptions, and all other information contained herein, see page 28.

► Sila-Bac® brand Inoculants

Sila-Bac® brand Inocul	ants	Improves Fermentation	Enhances Bunklife	Improves Fibre Digestibility
	CORN SILAGE			
11C33 Helps to improve corn silage nutritional value by rapidly lowering pH to conserve sugar and starch. Significantly improves bunklife as a result of the inclusion of a proprietary fast acting <i>L. buchneri</i> strain. Provides improved bunklife and stable feed in 7 days.	Registered product claims: Reduces heating at feeding Reduces dry matter loss at feeding Reduces dry matter loss during ensiling	**	***	**
1174 Basic fermentation product which rapidly lowers silage pH, conserving valuable crop sugars while reducing protein degradation.	Registered product claims: Improved silage protein quality (soluble) Improved feed efficiency (soluble) Improved fibre (ADF) digestibility (soluble) Improved fibre fraction (soluble) Improved average daily gain (soluble)	**	*	**
HIGH	I-MOISTURE CORN			
11B91 Combines the benefits of 1189 with significantly improved bunklife as a result of the inclusion of a proprietary fast acting <i>L. buchneri</i> strain. Provides improved bunklife and stable feed in 7-days.	Registered product claims: Reduces heating at feeding Reduces dry matter loss at feeding Reduces dry matter loss during ensiling	***	***	
Rapidly reduces pH and increases the starch digestibility in high-moisture corn, snaplage or earlage. Helps improve feed efficiency and rate of gain in animals fed high-moisture shelled corn, snaplage or earlage.	Registered product claims: Improved dry matter retention Increased dry matter intake, average daily gain and feed efficiency in beef Improved feed efficiency of growing-finishing beef cattle when used as directed on high moisture ear corn harvested between 30-40% moisture	***	*	
G	RASS / CEREAL			
11G22 Helps to improve grass and cereal silage nutritional value by rapidly lowering pH to conserve sugar and starch. Significantly improves bunklife as a result of the inclusion of a proprietary fast acting <i>L. buchneri</i> strain. Provides improved bunklife and stable feed in 7 days.	Registered product claims: Reduces heating at feeding Reduces dry matter loss at feeding Reduces dry matter loss at/during ensiling	**	***	*
1174. Basic fermentation product which rapidly lowers silage pH, conserving valuable crop sugars while reducing protein degradation.	Registered product claims: Improved silage protein quality (soluble) Improved feed efficiency (soluble) Improved fibre (ADF) digestibility (soluble) Improved fibre fraction (soluble) Improved average daily gain (soluble)	***	*	*
A	LFALFA SILAGE			
11H50 Helps to improve alfalfa silage nutritional value by rapidly lowering pH to conserve sugars. Significantly reduces protein degradation in alfalfa silages.	Registered product claims: Improved dry matter digestibility	***	**	*



What's Next Happens Here.

Built with superior winterhardiness and disease resistance, Pioneer® brand wheat delivers best-in-class yield potential. Our diverse lineup of wheat varieties offers market-leading agronomic traits to fit your needs.

Pioneer® bra Produ	-	Wheat Type	Heading Date North	Yield for Primary Area	Test Weight	Lodging Resistance	Winterhardiness	Plant Height	Leaf Blight	Leaf Rust	Stripe Rust	Powdery Mildew	Fusarium Head Blight	Spindle Streak Mosaic Virus	Soil-Borne Mosaic Virus	Flour Yield Score	Flour Softness Score	Head Type
25R29	91	Soft Red	0.5	9	7	8	8	6	6	4	4	7	7	7	5	5	6	Awned
25R46 ⁻		Soft Red	0	8	8	7	6	5	7	4	2	6	7	7	7	3	6	Awned
25R64	91	Soft Red	1	9	5	8	7	5	6	4	6	6	6	8	6	6	7	Awned
NEW 25R65 [†]	91	Soft Red	0.5	9	6	8	7	4	7	4	6	7	6	6	6	7	6	Awned
25W38	91	Soft White	1	7	5	8	6	3	6	5	7	7	6	7	7	9	7	Awned

[†] New Product. Quantities may be limited.

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 2023 harvest and were the latest available at time of printing.

Some scores may change during the 2024 season.

Contact your Pioneer sales representative before planting for the latest trait rating information. For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, **see page 28**.



What's Next Happens Here.

Pioneer® brand canola hybrids are bred to give you a competitive advantage by delivering disease resistance for top-end performance. Our balanced product lineup features early growth, improved standability and excellent harvestability.

Pioneer® brand canola is protected by industry-leading LumiGEN seed treatments. Consult your Pioneer sales representative for more information.

Pioneer® brand Product	Herbicide Tolerant Trait	7 Maturity	Pod Shatter Score	Clubroot Resistance	2 Clubroot	Blackleg	2 Blackleg	© Sclerotinia	Fusarium Wilt	☐ Verticillium Stripe	□ Early Growth	Green Seed Content	Standability	Plant Height
NEW P520L ⁺	LIBERTY LINK 💇	5	7*	CR9	R	R	8		R	3	7	8	7	7
P505msL	LIBERTY LINK 💇	5	7	CR1	R	R	7	6	R	5	9	8	7	8
P514cl	Clearfield Productor System for Caroli	5	6	CR5	R	R	8		R	3	7	8	7	8
P515 _G	ptimum GLY	5	7	CR1	R	R	7		R	4	7	8	7	8

[†] New product. Quantities may be limited.

^{*} Not for sale outside of Québec

^{*} Preliminary Data - to be finalized after the 2024 growing season. Final score will be determined after the 2024 testing season. 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 2023 harvest and were the latest available at time of printing. Some scores may change after 2024 harvest. Contact your Pioneer sales professional before planting for the latest trait rating information. For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, see page 28.

What's next happens here.



THE LONG LOOK

We are an international business, with a unique combination of cultures, languages and experiences. Our business environment and customers have changed dramatically since Pioneer® brand seeds was first established, but our philosophy – our attitude toward research, production and marketing, and the worldwide network of Pioneer people – will always remain true to the four simple statements of business policy which have guided us since our early years.

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

CORN FOOTNOTES

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

All Pioneer products are hybrids unless designated with AM, AML, AMXT, PCE, Q, V, SXRA and SSE, in which case they are brands.

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

Product performance in water-limited environments is variable and depends on many 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 may vary.

IMPORTANT: Trait rating scores provide key information useful in selection and management of Pioneer® brand products in your area. Information and ratings are based on comparisons with other Pioneer brand products, not competitive products. Information and scores are assigned by Pioneer Research Managers. Scores are based on period-of-years testing through 2023 harvest and were the latest available at time of printing. Some scores may change after 2024 harvest. Scores represent an average of performance 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 unless observations indicate a significant difference. Individual product responses are variable and subject to a variety of environmental, disease and pest pressures. Please use this information as only one component of your product positioning decision. Refer to pioneer.com/ Canada 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.

1 TECHNOLOGY SEGMENT: AM - Optimum® AcreMax® Insect Protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. AMXT (Optimum® AcreMax® XTreme) - Contains a single-bag integrated refuge solution for aboveand below-ground insects. The major component contains the Agrisure® RW trait, a Bt trait, and the Herculex® XTRA genes AML - Optimum® AcreMax® Leptra® products with AVBL, YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. $\bar{\mathbf{LL}}$ - Contains the LibertyLink® gene for resistance to Liberty® herbicide. PCE - Powercore® Enlist® Refuge Advanced® corn products with HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. **Q** (Qrome®) - Contains a single-bag 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. RR2 - Contains the Roundup Ready® Corn 2 trait that provides crop safety for over-the-top applications of labelled alyphosate herbicides when applied according to label directions. V - Vorceed™ Enlist™ products with V, LL, RR, 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. ALWAYS **READ AND FOLLOW PESTICIDE LABEL**

DIRECTIONS. Roundup Ready® crops 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. Enlist Duo® and Enlist™ 1 are the only 2.4-D products authorized for use with Enlist™ crops. Consult Enlist herbicide labels for weed species controlled.

LIBERTY LINK 🖤



AgrisureRW AgrisureViptera

Roundup Ready® is a registered trademark used under license from Monsanto Company. LIBERTY, LibertyLink and the Water Droplet are trademarks of BASF. Agrisure® is a trademark of, and used under license from, a Syngenta Group Company. Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG. PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto. PowerCore® is a registered trademark of Monsanto Technology LLC. Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions.

2 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, depending upon the level of insect (ECB 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

- 3 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.
- 4 MID-SEASON BRITTLE STALK: Ratings 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 greas 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 resistant 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 breakage relative to products with higher scores during period of susceptibility.

- 5 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 ratings of 1-4 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.
- 6 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.
- 7 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 wider opportunity for silage and high-moisture corn harvest.
- 8 TEST WEIGHT: Higher score indicates heavier test weight
- 9 PLANT HEIGHT: 9 = Very Tall; 1 = Short.
- **10 EAR HEIGHT:** 9 = High; 1 = Low.

DISEASE PRECAUTION: Grower should balance product yield potential, product maturity and cultural practice selection against their anticipated risk of a specific disease and need for resistance. In high disease-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, 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.

FOOTNOTES

DISEASE & PEST RATINGS:

8-9 = Highly Resistant; **6-7** = Resistant; **4-5** = Moderately Resistant; **1-3** = Susceptible; **Blank** = Insufficient Data.

- 11 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.
- 12 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 higher.
- 13 GIBBERELLA EAR ROT CAUTION: Ratings based upon visual symptoms at harvest. If Gibberella ear rot has caused significant damage in the past, growers should consider planting only products with at least moderate Gibberella ear rot ratings of 5 or higher.
- 14 TAR SPOT CAUTION: Tar spot 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 labelled 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.
- 15 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.
- 16 SILAGE YIELD: Based on whole-plant yield per acre (adjusted to 35% dry matter) from multi-year comparison with other products within a maturity range not exceeding 5 silage CRM units.
- 17 STARCH AND SUGAR, %: Percent starch and soluble sugars (DM basis) in the whole-plant sample predicted by NIRS.
- 18 FIBRE DIGESTIBILITY: Based on 30-hour rumen-fluid based estimate of the percent of ruminally degradable neutral detergent fibre (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 fibre digestibility, growers should consider use of BMR Corn hybrids.
- 19 SILAGE CRUDE PROTEIN: Based on the amount of crude protein in the whole plant, predicted by NIRS.
- 20 MILK PER ACRE: 9 = Outstanding; 1 = Poor, based on University of Wisconsin MILK2006 utilizing silage yield, nutrient content and digestibility.

21 MILK PER TON: 9 = Outstanding; 1 = Poor, based on University of Wisconsin MILK2006 utilizing silage nutrient content and digestibility.

HERBICIDE PRODUCT MANAGEMENT GUIDE:

Under certain environmental conditions any corn product can be injured by any herbicide. This guide can assist in selecting and managing herbicide programs. It is based on replicated research trials and field observations. See your Pioneer sales representative or herbicide representative regarding herbicide families that require careful management. ALWAYS READ AND FOLLOW ALL LABEL INSTRUCTIONS AND PRECAUTIONS. PIONEER MAKES NO WARRANTY REGARDING THE HERBICIDE CROP RESPONSE INFORMATION IN THIS GUIDE.

- ADEQUATE TOLERANCE. With this particular product, available research and/or field observations suggest this herbicide is unlikely to result in material crop injury under normal circumstances.
- ▼ REQUIRES CAREFUL MANAGEMENT. With this particular product, available research and or field observations suggest this herbicide may exhibit crop injury in challenging environments such as, heavy rainfall during seed germination or seedling emergence, sandy soils, soils low in organic matter, high pH soils, or during periods of excessively cold, hot, dry or wet weather.

 *University research indicates products within a herbicide class may vary in their degree of crop selectivity. The potential for herbicide interaction may also be impacted by the labeled herbicide rate used and the method or timing of application as well as the addition of additives
- CROP RESPONSE WARNING: With this product in field observations and/or research, crop injury has occurred with this herbicide.
- ☐ **INSUFFICIENT DATA:** Additional testing is needed to evaluate this variety

23 AMIDE (CHLOROACETAMIDE AND OTHERS)

Injury from chloroacetamide herbicides is more prevalent on sandy soils with low organic matter. Additional conditions that may increase the potential for injury include deep planting, cool wet conditions, and/or soil crusting. Management comments for reducing injury potential include:

- 1. Monitor planting depth.
- 2. Avoid sandy soils with low organic matter.
- 3. Use a chloroacetamide herbicide with a safener.
- 4. Use rotary hoe if crusting occurs, to aid in emergence.
- 5. Avoid ultra early planting dates.

24 PHENOXY AND BENZOIC ACID (SYNTHETIC

AUXINS) Potential for crop injury from growth regulator herbicides increases when product is under stress, herbicide is applied at a late stage of growth, or high winds occur after application. Management comments for reducing injury potential include:

- Apply herbicide early within label recommendations (up to 5-6" or V3 for dicamba).
- 2. Avoid spraying when daytime temperatures are high and corn plants are growing rapidly.

- Follow labeled rates for specific stages of growth.
- Avoid spraying when environmental conditions such as drought, cold soils, or wind damage cause abnormal stress.
- Please read labels carefully. Many herbicides include growth regulator herbicides as part of their pre-mix. Many tank mixes require use of NIS or other additives that may increase injury potential.
- 6. Enlist™ containing corn hybrids, Vorceed™
 Enlist™ Corn, Powercore® Enlist™, or SmartStax
 Enlist® corn hybrids have built-in tolerance to
 2,4-D Choline. They do not have added
 tolerance to benzoic acid herbicides. Thus,
 ratings for these hybrids are associated only
 with benzoic herbicides (i.e., P00177V™)
- 25 ISOXAZOLE (4-HPPD INHIBITORS) Crop injury from a pigment inhibitor is more probable on sandy soils with low organic matter. Cool, wet growing conditions may also increase potential for damage. Management comments to reduce the potential for injury include:
 - 1. Follow labeled rates for specific soil types.
 - 2. Avoid sandy soils with low organic matter.
 - Avoid ultra early planting dates to prevent extended slow emergence under cold conditions.
 - 4. Plant seed at least 1.5 inches deep with good seed furrow closure.
 - 5. Aid emergence with a rotary hoe if crusting occurs.
- 26 SULFONYLUREAS (SU ALS INHIBITORS) Injury from sulfonylureas is more likely when corn is sprayed after the plant is 10-12 inches tall and/or is under stress extremes such as hot humid or cool dry conditions. Management comments to reduce the potential for injury include:
 - Apply herbicide early within label recommendations (before product is 10-12 inches tall).
 - Avoid spraying when corn is under stress extremes such as hot humid or cool dry conditions.
 - Some sulfonylurea products are restricted on products with maturity shorter than 88 CRM. Review the label carefully before applying any sulfonylurea product to products less than 88 CRM.
 - 4. Use a sulfonylurea herbicide with a safener.

References: (1) 2022 Herbicide Guide for Iowa Corn and Soybean Production, Extension Publication WC-94, B. Hartzler & M. Owen; (2) Weed Control Guide for Ohio, Indiana, and Illinois 2023 Edition, Bulletin 789, The Ohio State University Extension, M. M. Loux, A. Essman, D. Doohan, and A. Dobbels, The Purdue Extension; W.G. Johnson, B. Young, and M. Zimmer; University of Illinois Crop Sciences: A. Hager; University of Missouri: Kevin Bradley. (3) 2023 Chemical Weed Control for Field Crops, Pastures, Rangeland, and Noncropland, Bulletin SRP 1148, Kansas State University, Agricultural Experiment Station & Cooperative Extension Service, S.R. Lancaster, W. H. Fick, R.S. Currie, and V. Kumar.

SOYBEAN FOOTNOTES

All Pioneer products denoted with [™] are brand names

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

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 2023 harvest and were the latest available at time of printing. Some scores may change after 2024 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 Pioneer.com/Canada 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.

1 TECHNOLOGY SEGMENT: Always follow stewardship practices in accordance with the Product Use Guide (PUG) or other product-specific stewardship requirements including grain marketing and pesticide label directions. Enlist Duo™ and Enlist™ 1 are the only 2,4-D products authorized for use with Enlist™ crops. Consult Enlist herbicide labels for weed species controlled. ALWAYS READ AND FOLLOW PESTICIDE LABEL **DIRECTIONS.** Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, our product launch process for responsible launches of new products includes a longstanding process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and end-users must take all steps within their control to follow appropriate stewardship requirements and confirm their buyer's acceptance of the grain or other material being purchased. For more detailed information on the status of a trait or stack, please visit www.biotradestatus.com, Excellence Through



M.S. Technologies L.L.C.

2 RELATIVE MATURITY: Shows the relative maturity group rating, with the first one or two digits representing 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 relative maturity rating of 008 would be a late product in Group 00 maturity.

Stewardship® is a registered trademark of

Excellence Through Stewardship. The transgenic

developed and owned by Corteva Agriscience and

soybean event in Enlist E3® soybeans is jointly

- 3 FIELD EMERGENCE: Rating based on speed and strength of emergence in sub-optimal temperatures. 7-9 = Excellent; 4-6 = Average; 1-3 = Below Average.
- **4 PHYTOPHTHORA RESISTANCE GENE:**Blank = No specific gene for resistance.

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 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 38, 41, 42, 44, 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

- 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 MOULD: Scores based on 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 different sources of genetic resistance to SCN currently deployed in the marketplace: PI88788; PI548402 (also known as Peking).
- 8 CANOPY WIDTH: 9 = Extremely bushy;1 = Very narrow.
- 9 PLANT HEIGHT FOR MATURITY: 9 = Tall;1 = Short.
- 10 HILA COLOUR: BL = Black; BR = Brown; TN = Tan; G = Gray; IB = Imperfect black; BF = Buff; Y = Yellow (Clear); M = Mixed

INOCULANT FOOTNOTES

IMPORTANT: Information and ratings are based on relative comparisons with other Sila-Bac® brand inoculants 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 predict future results. Product responses are variable and subject to any number of environmental and management conditions. Please use this information as only part of your product positioning decision. Refer to pioneer. com/Canada or contact a Pioneer sales

representative for the latest and most complete listing of traits and scores for each Sila-Bac® 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 in silage.

FIBRE DIGESTIBILITY: The digestibility of neutral detergent fibre (NDF) by the ruminant animal expressed as a percentage of the total NDF.

WHEAT FOOTNOTES

IMPORTANT: Information and ratings are based on comparisons with other Pioneer® brand products, not competitive products. 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 pioneer.com/Canada or contact a Pioneer sales representative 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

- 1 HEADING DATE IN AREAS OF ADAPTATION: Heading date in days earlier (-) or later (+) than Pioneer® brand variety 25R40
- 2 PLANT HEIGHT: Low scores = shorter

CANOLA FOOTNOTES

IMPORTANT: Information and ratinas are based on comparisons with other Pioneer® brand products, not competitive products. 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 pioneer.com/Canada 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.

1 HERBICIDE TOLERANT TRAIT: HYBRIDS WITH THE ROUNDUP READY® GENE (RR) are tolerant to labelled rates of Roundup® branded herbicides. This technology allows for postemergent applications of Roundup without crop injury or stress (see herbicide label). Labeled Roundup herbicide should only be used over the top of those hybrids and varieties that carry the Roundup Ready designation. Roundup Ready® is a registered trademark of the Bayer Group.

HYBRIDS WITH THE LIBERTYLINK® GENE (LL) are resistant to Liberty® herbicide. Liberty®, LibertyLink® and the Water Droplet Design are trademarks of BASF.

HYBRIDS WITH THE CLEARFIELD® TRAIT (CL) are tolerant to labeled rates of Amity™ WDG and Ares™ SN herbicides. This technology allows for post-emergent applications of these herbicides without crop injury or stress (see herbicide label). Labeled herbicides should only be used over the top of those hybrids and varieties that contain the CLEARFIELD trait. The unique Clearfield symbol and Clearfield® are registered trademarks of BASF.

HYBRIDS WITH THE OPTIMUM® GLY TRAIT are tolerant to labeled rates of glyphosate herbicides. This technology allows for post-emergent applications of these herbicides without crop injury or stress (see herbicide label). Labeled herbicides should only be used over the top of those hybrids and varieties that contain the Optimum® GLY trait.

RATINGS: 9 = Excellent; **1** = Poor; **Blank** = Insufficient Data



- 2 MATURITY: 9 = Late; 6 = Medium; 5 = Medium-Early; 3 = Early; 1 = Very Early
- **3 POD SHATTER SCORE: 9** = Low risk of Shatter, **1** = High Risk of Shatter
- 4 CLUBROOT RESISTANCE: Shows different source of Clubroot resistance. CR1 is different from CR2; CR2 is different from CR3, etc
- **5 CLUBROOT: R** = Resistant, **S** = Susceptible
- 6 BLACKLEG: R = Resistant; MR = Moderately Resistant; MS = Moderately Susceptible; S = Susceptible
- 7 BLACKLEG: 9 = Resistant; 1 = Susceptible
- **8 SCLEROTINIA: 9** = Highly Tolerant; **5** = Moderately Tolerant; **1** = Susceptible
- 9 FUSARIUM WILT: R = Resistant; S = Susceptible. Current Fusarium rating is provisional and based on limited data
- 10 VERTICILLIUM STRIPE: 9 = Resistant, 1 = Susceptible
- 11 EARLY GROWTH: 9 = Excellent, 1 = Poor. Early growth is recorded when plants are at 4-6 leaf stage. It is a subjective evaluation of healthiness of plants and the soil area covered by their leaves
- **12 GREEN SEED CONTENT: 9** = Very low count (desired); **1** = Very high count
- 13 STANDABILITY: 9 = upright (desired);
 1 = Severely lodged
- 14 PLANT HEIGHT: 9 = Tall; 1 = Short (desired)

Notes

Notes





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