

2023 PRODUCT GUIDE

CORN & SOYBEAN

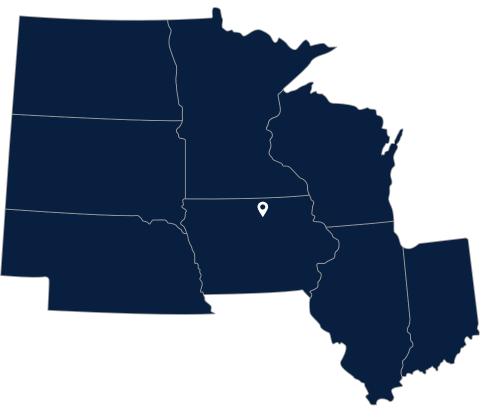


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TITAN PRO SEED

We appreciate you considering Titan Pro seed for your farming operation. We know that as a grower, your identity is entwined with hard work, perseverance, and tenacity. You know the joy of a successful season and the sting of disappointment. You're familiar with the uncertainty of the ever-changing market and an industry that seems to rapidly evolve and progress. One of the most important decisions you make is who you choose to partner with.

Our goal is to bring opportunity to each of our growers by putting only the most exceptional seed in our bags and supporting grower needs throughout the season. By combining high yielding products with regional compatibility and local support, we offer a solid structure for success from planting to harvest. We remain focused on solid performance and adaptability so that we can continuously improve our hybrid and variety options. Through multiple genetic partnerships, field testing, and R&D, we are dedicated to putting the most advanced seed products in the hands of our growers.



CORN

When you plant Titan Pro corn, you can be certain you're getting the best performance for your acre. Our diversified hybrid portfolio is built with leading technology and the best genetics the industry has to offer. Our selection in based on multi-year testing and comprehensive field observations all backed by a performance-focused agronomy team committed to launching progressive corn technologies to optimize yield.

NUMBERING SYSTEM **26-02** PCE

Relative Maturity (102) Trait Stack

TITAN PRO BRAND CORN CHARACTERISTICS

	HYBRID DE	TAILS	SORTED	BY REL	ATIVE MATU	URITY			PL	ANT CHA	ARACTE	RISTICS		AGRO	NOMIO	C CH/	ARACT	TERIST	ICS			DISEA	SE TO	LERAN	CE	HY	'BRID	POSIT	IONIN	IG & A	DAPT	ABILIT	(
TITAN PRO BRAND	TRAIT	PAGE	relative Maturity	required Refuge	Herbicide Tolerance	refuge In a bag	gdu's to Mid-Pollination	gdu's to Black layer	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	POPULATION	TEST WEIGHT	VIELD FOR MATIIRITY	ROOT STRENGTH	STALK STRENGTH	GREEN SNAP	STAY GREEN STRESS	TOLERANCE EMERGENCE	LEAF ANGLE	$\leq c$	STALK ROT COMMON RUST	GRAY LEAF SPOT	Northern Leaf Blight	iak spui complex fungicide	RESPONSE HARVESTABILITY	N0-TILL	CORN ON CORN	LIGHT SOIL	HEAVY SOIL	Marginal Fertility Highly	PRODUCTIVE DUAL PURPOSE	TITAN PRO Brand
83-87 2P	VT2PRIB	7	87	5% RIB	RR	~	1180	2260	MT	MH	SF	M-MH	3	4	4	4	3	3 4	5	SE	4	3 4	3	4	2 4	4	5	4	4	4	4	4 5	83-87 2P
82-90 2P	VT2PRIB	7	90	5% RIB	RR	~	1220	2285	Μ	Μ	SF	M-MH	3	4	4	4	4	3 4	5	SE	3	4 3	3	4	3 4	5	5	4	4	4	4 4	4 3	82-90 2P
20-92	CONV	7	92	None	None		1220	2280	Μ	М	SF	M-MH	3	4	4	4	4	3 4	5	SE	3	4 3	3	4	3 4	5	5	4	4	4	4	4 3	20-92
91-95	CONV	8	95	None	None		1255	2360	Μ	М	SF	M-MH	4	5	5	4	4.5	3 4	5	SE	3	4 5	3	3	3 4	5	5	4	4	4	4	4 4	91-95
82-95 2P	VT2PRIB	8	95	5% RIB	RR	~	1260	2365	Μ	Μ	SF	M-MH	4	5	5	4	4.5	3 4	5	SE	3	4 5	3	3	3 4	5	5	4	4	4	4 4	4 4	82-95 2P
28-96 PCE NEW	PCE	8	96	5%	PCE Flexibility		1280	2265	MT	Μ	F	M-MH	3.5	5	4	4	4	4 4.	5 4	SE	4	4 4	4	4	3.5 4	4	4.5	4	3.5	5	3.5	5 4	28-96 PCE NEW
85-96	CONV	9	96	None	None		1270	2370	MT	Μ	SF	M-MH	3	5	4	4	4	5 4	5	SE	5	4 4	4	4	3 4	5	5	4	4	4	4	5 5	85-96
86-96 2P	VT2PRIB	9	96	5% RIB	RR	~	1275	2375	MT	М	SF	M-MH	3	5	4	4	4	5 4	5	SE	5	4 4	4	4	3 4	5	5	4	4	4	4	5 5	86-96 2P
21-98 NEW	CONV	9	98	None	None		1300	2480	Μ	Μ	SF	M-MH	3	5	4	4	3	4 4	5	E	4	4 -	3	3	3 5	5 4	5	4	4	5	5 !	5 3	21-98 NEW
11-98 2P	VT2PRIB	9	98	5% RIB	RR	~	1300	2480	Μ	М	SF	M-MH	3	5	4	4	3	4 4	5	E	4	4 -	3	3	3 5	5 4	5	4	4	5	5	5 3	11-98 2р
TP 70-98	CONV	-	98	None	None		1260	2450	MS	М	SF	MH-H	4	4	5	4	4	3 4	4	SE	3	3 4	3	4	2 4	4	4	3	3	4	4	5 3	TP 70-98
TP 71-98 2P	VT2PRIB	-	98	5% RIB	RR	~	1260	2450	MS	М	SF	MH-H	4	4	5	4	4	3 4	4	SE	3	3 4	3	4	2 4	4	4	3	3	4	4	5 3	TP 71-98 2P
23-98 SS NEW	SSRIB	10	98	5% RIB	RR/LL	~	1240	2400	MT	MH	SF	M-MH	4	5	4	4	4	4 4	5	E	3.5	4 -	4	4	3 5	5 4	4	4	5	4	5 4	4 5	23-98 SS NEW
20-99	CONV	10	99	None	None		1270	2460	MT	MH	SF	M-MH	4	5	4	4	4	3 4	4	SE	3	4 -	3	3	3 5	5 4	4	4	4	4	4 4	4 4	20-99
92-99 2P	VT2PRIB	10	99	5% RIB	RR	~	1275	2465	MT	MH	SF	M-MH	4	5	4	4	4	3 4	4	SE	3	4 -	3	3	3 5	5 4	4	4	4	4	4	4 4	92-99 2P
22-99 ss	SSRIB	10	99	5% RIB	RR/LL	~	1280	2475	MT	MH	SF	M-MH	4	5	4	4	4	3 4	4	SE	3	4 -	3	3	3 5	5 4	4	4	4	4	4 4	4 4	22-99 ss
26-00	CONV	11	100	None	None		1300	2490	MT	Μ	SF	M-MH	3	5	4	5	3	4 4	4	SE	4	3 3	4	3	3 5	5 4	4	3	4	4	4 4	4 3	26-00
16-00 5222	DV	11	100	5% RIB	GT/LL	~	1300	2490	MT	М	SF	M-MH	3	5	4	5	3	4 4	4	SE	4	3 3	4	3	3 5	5 4	4	4	4	4	4 4	4 3	16-00 5222
22-00 2P	VT2PRIB	-	100	5% RIB	RR	~	1280	2500	Μ	MH	SD	M-MH	4	4	5	4	3	4 4	4	H	3	4 4	3	3	3 5	5 5	4	3	4	4	4	4 3	22-00 2P
84-01	CONV	11	101	None	None		1290	2550	MT	М	SD	M-MH	3	5	4	4	4	4 4	5	SE	4	3 3	3	3	3 5	5 4	5	3	4	4	4 4	5 4	84-01
26-01 NEW	CONV	12	101	None	None		1300	2445	MT	М	SF	M-MH	4	5	5	5	4.5	5 4	4	SE	4	4 4	4	4	4.5 4	4	5	4	3.5	4	4	5 4	26-01 NEW
TP 75-01 ss	SSRIB	-	101	5% RIB	RR/LL	~	1290	2535	MT	MH	SF	MH-H	3	4	4	4	4	3 4	4	SE	3	3 4	3	3	3 5	5 4	4	4	4	4	4 !	5 4	TP 75-01 ss
91-02	CONV	-	102	None	None		1295	2550	MT	М	D	MH	4	4	3	5	4	4 3	4	SE	4	4 4	4	4	- 4	5	4	4	3	5	3 4	4 4	91-02
26-02 PCE NEW	PCE	12	102	5%	PCE Flexibility		1305	2450	MT	М	SF	M-MH	4	5	5	5	4.5	5 4	4	SE	4	4 4	4	4	4.5	4	5	4	3.5	4	4	5 4	26-02 PCE NEW

CORN TRAIT DESCRIPTIONS

CONV – Conventional corn

VT2PRIB – VT Double PRO* RIB Complete* above ground protection with glyphosate herbicide tolerance.

PCE – PowerCore^{*} Enlist^{*} has two advanced trait packages, with three modes of action against above-ground pests. Herbicide flexibility with tolerance to 2,4-D choline in Enlist[®] herbicides, glyphosate, glufosinate and FOP herbicides.

SSRIB - SmartStax* RIB Complete* has the broadest spectrum of insect control for above and below ground; with glyphosate and glufosinate herbicide tolerance.

DV – DuracadeViptera[®] controls 16 above and below ground insects while providing the convenience of an E-Z Refuge[®] seed blend with glyphosate and glufosinate herbicide tolerance.

CORN CHARACTERISTICS CHART KEY

Herbicide Tolerance

- RR = Roundup^{*} Tolerance
- LL = LibertyLink[®] Tolerance
- GT = Glyphosate Tolerance
- PCE Flexibility = RR, LL, 2,4-D Choline & FOP Herbicides
- 5 = Excellent 4 = Very Good

Rating Scale

- 2 = Below Average
- 1 = Poor

- 3 = Average

Plant Height S = Short MS = Medium Short M = Medium MT = Medium Tall T = Tall

Ear Height L = LowML = Medium Low M = Medium MH = Medium High H = High

F = FlexSF = Semi-FlexSD = Semi-Determinate D = Determinate

Ear Type

All ratings presented are from past performance and do not ensure future results.

RM 87-102

Recommended Population M = Medium MH = Medium High H = High

Test Weight 1-5 Scale (3 = 56 lb. test weight) Higher score indicates heavier test weight

Leaf Angle E = Erect SE = Semi-Erect H = Horizontal D = Drooping

TITAN PRO BRAND CORN CHARACTERISTICS

	HYBRID DETAILS SORTED BY RELATIVE MATURITY			SORTED BY RELATIVE MATURITY PLANT CHARACTERISTICS				AGRONOMIC CHARACTERISTICS				DISEASE TOLERANCE				HYBRID POSITIONING & ADAPTABILIT			ILITY															
TITAN PRO BRAND	ТКАІТ	PAGE	relative Maturity	required Refuge	HERBICIDE TOLERANCE	refuge In a bag	gdu's to Mid-Pollination	gdu's to Black layer	PLANT HEIGHT	ear height	EAR TYPE	POPULATION	TEST WEIGHT		VIELD FOR Maturity	ROOT STRENGTH	STALK STRENGTH	green snap Stay green	STRESS TOLERANCE	EMERGENCE	LEAF ANGLE	Goss's Wilt Anthracnose Stalk Rot	COMMON RUST	GRAY LEAF SPOT NORTHERN LEAF	Blight Tar Spot Compley	티응질	HARVESTABILITY	N0-TILL	CORN ON CORN	LIGHT SOIL	HEAVY SOIL MARGINAL FEDTU ITV	HIGHLY PRODUCTIVE	DUAL PURPOSE	TITAN PRO Brand
TP 40-03	CONV	12	103	None	None		1305	2580	MT	Μ	SF	MH	3		4	4	4	4 4	4	4	SE	5 3	4	4	3 2	4	4	4	3	4	4 4	4	5	TP 40-03
84-03 2P	VT2PRIB	11	103	5% RIB	RR	~	1300	2575	MT	М	SD	M-MH	3		4	4	4	4 4	4	5	SE	4 3	3	3	3 3	5	4	5	3	4	4 4	5	4	84-03 2P
26-03 5222	DV	13	103	5% RIB	GT/LL	~	1300	2585	Т	MH	SF	Μ	5		4	5	5	3 4	4	4	SE	4 4	-	3	3 4	5	4	4	5	4	4 4	5	4	26-03 5222
24-04	CONV	14	104	None	None		1305	2600	MT	MH	SF	M-MH	3		5	4	3.5	4 4	3	4	SE	4 3	3	3	4 3.5	5	4	4	4 3	3.5	4 4	5	3	24-04
82-04 2P	VT2PRIB	13	104	5% RIB	RR	~	1305	2610	MT	Μ	SD	M-MH	5		5	4	4	4 4	4	3	H	4 3	-	3	3 3	5	4	3	4	3	4 4	4	4	82-04 2P
22-04 ss	SSRIB	13	104	5% RIB	RR/LL	~	1310	2610	MT	М	SD	M-MH	5		5	4	4	4 4	4	3	H	4 3	-	3	3 3	5	4	3	4	3	4 4	4	4	22-04 ss
20-05	CONV	14	105	None	None		1320	2635	Μ	М	SF	M-MH	5		5	4	4	4 4	4	3	H	5 3	4	3	3 3	4	5	3	4	4	4 4	4	2	20-05
TP 40-05	CONV	-	105	None	None		1320	2620	MT	MH	SF	M-MH	3		3	4	4	4 3	4	3	E	4 3	4	3	3 2	5	3	4	3	4	3 4	4	4	TP 40-05
24-05 PCE NEW	PCE	14	105	5%	PCE Flexibility	у	1305	2630	MT	MH	SF	M-MH	3		5	4	4	4 4	3	4	SE	4 3	3	3	4 3.5	5	4	4	4 3	3.5	4 4	5	3	24-05 PCE NEW
1FG-06	CONV	-	106	None	None		1400	2660	MT	MH	SF	MH	4		4.5	4	4.5	4 4	4	4	SE	4 4.5	4	4	4 3	4	4.5	4	4	4	4 5	4	4	1FG-06
96-06 2P	VT2PRIB	15	106	5% RIB	RR	~	1330	2650	Μ	Μ	SD	M-MH	4		5	4	4	3 4	4	4	SE	4 3	-	4	4 3	4	4	4	4	4	4 4	4	3	96-06 2P
23-06 ss	SSRIB	14	106	5% RIB	RR/LL	~	1330	2660	Μ	Μ	SF	M-MH	5		4	4	4	4 4	4	3	Н	5 3	4	3	3 3	4	5	3	5	4	4 4	4	2	23-06 ss
23-08 NEW	CONV	15	108	None	None		1290	2720	MT	MH	SF	M-MH	5		5	3	4 3	8.5 4	4	5	SE 3	3.5 4	3	5 4	.5 3	5	4	5	4	4	4 5	5	5	23-08 NEW
92-09	CONV	16	109	None	None		1345	2720	MS	ML	SD	M-MH	3		5	5	4	4 3	3	4	SE	4 4	-	3	4 3	5	4	4	4	4	3 4	4	3	92-09
23-09 PCE NEW	PCE	15	109	5%	PCE Flexibility	у	1310	2740	MT	MH	SF	M-MH	5		5	3	4 3	8.5 4	4	5	SE 3	3.5 4	3	5 4	.5 3	5	4	5	4	4	4 5	5	5	23-09 PCE NEW
94-09 2P	VT2PRIB	16	109	5% RIB	RR	~	1350	2730	Μ	М	SD	M-MH	4		5	4	3	3 3	4	3	SE	5 3	-	3	4 3	4	3	4	4	4	4 4	4	3	94-09 2P
24-09 ss	SSRIB	16	109	5% RIB	RR/LL	~	1355	2735	Μ	Μ	SD	M-MH	4		5	4	3	3 3	4	3	SE	5 3	-	3 4	4 3	4	3	4	4	4	4 4	4	3	24-09 ss
11-11	CONV	17	111	None	None		1320	2790	MT	М	SF	M-MH	4		5	4	4 3	8.5 4	4	3.5	SE 3	3.5 3	3	4	4 3	4	4	3	5	5	5 5	5	5	11-11
1FG-12	CONV	-	112	None	None		1418	2770	MT	MH	SF	MH	3.5		4	4	4	4 4	4	4	SE	4 4.5	4	3.5	4 -	4	4	4	4	4	4 5	4	3.5	1FG-12
TP 70-12	CONV	17	112	None	None		1365	2790	Μ	М	SD	MH-H	3		4	4	5	3 3	3	3	E	4 3	3	3	4 2	5	3	3	4	4	4 4	5	4	TP 70-12
12-12 2P	VT2PRIB	18	112	5% RIB	RR	~	1300	2780	Μ	Μ	SF	M-MH	3.5		4	5	4 4	1.5 3.5	5 5	4	SE	4 4	3	4	4 3	4	4	4	4	5	4 4	4	3	12-12 2P
18-12 ss	SSRIB	18	112	5% RIB	RR/LL	~	1310	2775	MT	MH	SF	MH-H	4		4	4	4	4 4	3.5	4	SE 4	4.5 4	3	3.5	4 3	5	4	4	5	4	5 4	5	3	18-12 ss
28-13 NEW	CONV	19	113	None	None		1350	2700	MT	MH	F	L-MH	4		5	4	4 4	.5 5	4	4	SE 4	4.5 4	4	4	4 4	4	4	4	5	4	5 4	5	4	28-13 NEW
28-14 PCE NEW	PCE	19	114	5%	PCE Flexibilit	у	1360	2720	MT	MH	F	L-MH	4		5	4	4 4	.5 5	4	4	SE 4	4.5 4	4	4	4 4	4	4	4	5	4	5 4	5	4	28-14 PCE NEW
82-14 2P	VT2PRIB	19	114	5% RIB	RR	~	1410	2830	MT	MH	SF	M-MH	5		5	4	5	3 5	4	4	Н	3 5	3	3	5 2.5	4	5	4	4	4	4 4	4	4	82-14 2P
TP 68-14 ss	SSRIB	-	114	5% RIB	RR/LL	~	1420	2840	Т	MH	SD	M-MH	4		4	4	4	4 4	4	4	SE	4 3	4	4	4 3	4	5	4	4	4	4 4	5	4	TP 68-14 ss

CORN TRAIT DESCRIPTIONS

CONV – Conventional corn

 $\textbf{VT2PRIB} - \textbf{VT} \text{ Double PRO}^{^\circ} \textbf{RIB Complete}^{^\circ} \text{ above ground protection with}$ glyphosate herbicide tolerance.

PCE – PowerCore^{*} Enlist^{*} has two advanced trait packages, with three modes of action against above-ground pests. Herbicide flexibility with tolerance to 2,4-D choline in Enlist[®] herbicides, glyphosate, glufosinate and FOP herbicides.

SSRIB - SmartStax* RIB Complete* has the broadest spectrum of insect control for above and below ground; with glyphosate and glufosinate herbicide tolerance.

DV – DuracadeViptera[®] controls 16 above and below ground insects while providing the convenience of an E-Z Refuge[®] seed blend with glyphosate and glufosinate herbicide tolerance.

CORN CHARACTERISTICS CHART KEY

Herbicide Tolerance Rating Scale RR = Roundup[®] Tolerance 5 = Excellent LL = LibertyLink[®] Tolerance 4 = Very Good GT = Glyphosate Tolerance 3 = Average PCE Flexibility = RR, LL, 2,4-D 2 = Below Average Choline & FOP Herbicides 1 = Poor

Plant Height S = ShortMS = Medium Short M = Medium MT = Medium Tall T = Tall

Ear Height

M = Medium

L = Low

H = High

RM 103-114

Recommended Population M = Medium MH = Medium High H = High

Test Weight 1-5 Scale (3 = 56 lb. test weight) Higher score indicates heavier test weight

Leaf Angle E = Erect SE = Semi-Erect H = Horizontal D = Drooping

All ratings presented are from past performance and do not ensure future results.

87 RM

83-87 2P

🖌 ECB 📔 🖌 Refuge In Bag 🗸 RR 🛛 LL 📋 🔷 RW

VTDoublepR0

EXCELLENT HYBRID FOR EARLY PLANTING & REDUCED TILLAGE

- Early flowering hybrid with good southern movement
- Strong performance across all environments
- Great option for tough acres
- Dual purpose hybrid for silage & grain

AGRONOMIC CHAR	ACTER	ISTICS			
Green Snap					
Yield for Maturity					
Root Strength					
Stalk Strength					
Stay Green					
Stress Tolerance					
Emergence					
	1	2	Ś.	4	5 (BEST)
DISEASE TOLERAN	CE RA	TINGS			
Goss's Wilt					
Anthracnose Stalk Rot					
Common Rust					
Gray Leaf Spot					
Northern Leaf Blight					
Tar Spot Complex					
Fungicide Response					
	1	2	3	4	5 (BEST)
HYBRID POSITIONII	NG & A	DAPTA	BILITY	7	
Harvestability					
No-Till					
Corn on Corn					
Light Soil					
Heavy Soil					
Marginal Fertility					
Highly Productive					
Dual Purpose					
	1	2	3	4	5 (BEST)

PERFORMANCE HIGHLIGHTS												
TRIAL	CITY	STATE	HYBRID	YIELD	RANK	ENTRIES						
UMN	Rothsay	MN	83-87 2P	242.0	1	12						
Pro 81	St. Cloud	MN	83-87 2P	238.7	3	15						
Pro 81	Madison	MN	83-87 2P	224.4	5	15						
UMN	Staples	MN	83-87 2P	252.0	3	12						
FIRST	Foley	MN	83-87 2P	232.0	6	36						

*Performance results from trials conducted in 2018. No product recommendation by F.I.R.S.T. or other third parties is implied.

82-90 2P

🛑 LL 💦 🛑 RW 🎸 ECB 👘 🖌 Refuge In Bag 🖌 RR

VTDoublepRO* ALSO AVAILABLE AS TITANO

EXCELLENT HYBRID FOR EARLY PLANTING & REDUCED TILLAGE

- Strong emergence & early plant vigor
- Wide adaptability across all environments
- Healthy plant with consistent, girthy, semi-flex ears
- Handles tough acres with very good drought tolerance
- Very good stalks & roots for late harvestability

AGRONOMIC CHARA	CTEDICT			
Green Snap		00	[
Yield for Maturity				
Root Strength				
Stalk Strength				
Stay Green				
Stress Tolerance				
Emergence				
	1 2	Ű	4	5 (BEST)
DISEASE TOLERANC	e ratino	iS		
Goss's Wilt				
Anthracnose Stalk Rot				
Common Rust				
Gray Leaf Spot				
Northern Leaf Blight				
Tar Spot Complex				
Fungicide Response	1 2	0		
	• •	•	4	5 (BEST)
HYBRID POSITIONIN	G & ADAI			
Harvestability				
No-Till				
Corn on Corn				
Light Soil				
Heavy Soil				
Marginal Fertility				
Highly Productive				
Dual Purpose	1 2	3	4	5 (BEST)
PERFORMANCE HIGH	ILIGHTS	-		- \ /

TRIAL	CITY	STATE	HYBRID	YIELD	RANK	ENTRIES
UMN	Rothsay	MN	82-90 2P	258.0	1	16
FIRST	Felton	MN	82-90 2P	176.7	2	44
FIRST	Foley	MN	82-90 2P	214.5	3	60
FIRST	RRSO Summary	MN	82-90 2P	179.3	3	44
UMN	Morris	MN	20-92	229.0	4	11

*Performance results from trials conducted in 2018 & 2020. No product recommendation by F.I.R.S.T. or other third parties is implied.

ALSO AVAILABLE AS	
20-92	
🛑 RR 🛑 LL 👔 🛑 RW 🛑 ECB 👔 🛑 Refuge In Bag	Conventional

90 RM

82-95 _{2P} 🖌 ECB 👔 🖌 Refuge In Bag 🗸 RR 🕘 LL 📒 🔴 RW

VTDoublepRO* ALSO AVAILABLE AS TITANO

LEAD HYBRID WITH TOP-END YIELD POTENTIAL IN THIS MATURITY

- Strong emergence & early plant vigor for early planting
- Very good stalks & excellent roots for late season
- standability • Semi-flex ear & drought tolerance for tougher acres
- Powerhouse hybrid that will move north & south of zone
- Contains ASR gene for stalk rot control

AGR0	NOMIC CHARA	CTERISTI	CS				
Green	Snap						
Yield for	or Maturity						
Root S	trength						
Stalk S	Strength						
Stay G	reen						
Stress	Tolerance						
Emerge	ence						
		1 2	3	4	5 (E	BEST)	
DISE/	ASE TOLERANC	e rating	S				
Goss's	Wilt						
Anthra	cnose Stalk Rot						
Comm	on Rust						
Gray L	eaf Spot						
Northe	rn Leaf Blight						
Tar Spo	ot Complex						
Fungic	ide Response						
		1 2	3	4	5 (E	BEST)	
HYBR	ID POSITIONIN	g & Adaf	TABILITY				
Harves	stability						
No-Till							
Corn o	n Corn						
Light S	Soil						
Heavy	Soil						
Margin	al Fertility						
Highly	Productive						
Dual P	urpose						
		1 2	3	4	5 (E	BEST)	
PERFO	RMANCE HIGH	LIGHTS					
RIAL	CITY	STATE	HYBRID		YIELD	RANK	EN
IRST	Foley	MN	82-95 2P		218.9	1	60
IRST	Clear Lake	MN	82-95 2P		259.4	1	36
IRST IRST	Taylor Falls Arlington	MN SD	82-95 2P 82-95 2P		242.2 225.9	1 1	36 45
	Annyton MNEC Summary	SD	02-90 ZF		220.9	0	40

*Performance results from trials conducted in 2018-2020. No product recommendation by F.I.R.S.T. or other third parties is implied.

82-95 2P

234.1 2

ALSO AVAILABLE AS	
91-95	
● RR ● LL [● RW ● ECB [● Refuge In Bag	Conventional

MN

MNEC Summarv

FIRST

titanprosci.com

95 RM

28-96 PCE



🖋 RR ダ LL 🛛 🏈 2,4-D Choline 🗹 FOP 🛛 💮 RW ダ ECB 🔅



NEW POWERCORE[®] ENLIST[®] OPTION AT 96 RM

- Healthy & clean fall appearance with very good disease tolerance
- Very good stalks & roots

- Flex ear with medium placement & good grain quality
- Consistent performance across soil types

AGRONOMIC CHAR	ACTEF	RISTICS			
Green Snap					
Yield for Maturity					
Root Strength					
Stalk Strength					
Stay Green					
Stress Tolerance					
Emergence					_
	1	2	3	4	5 (BEST)
DISEASE TOLERANO	ce ra	TINGS			
Goss's Wilt					
Anthracnose Stalk Rot					
Common Rust					
Gray Leaf Spot					
Northern Leaf Blight					
Tar Spot Complex					
Fungicide Response			0		
	1	2	3	4	5 (BEST)
HYBRID POSITIONIN	NG & A	ADAPTA	BILLIY		
Harvestability					
No-Till					
Corn on Corn					
Light Soil					
Heavy Soil					
Marginal Fertility					
Highly Productive					
Dual Purpose	_				
	I	2	3	4	5 (BEST)

85-96

RR 🛛 LL 👘 RW 🔵 ECB 👘 Refuge In Bag

Titanpro ALSO AVAILABLE AS **VTDoublepro**° CONSISTENT CONVENTIONAL WITH **GREAT YIELD POTENTIAL**

- Top performance across a wide range of environments
- Outstanding stalks, roots, and Goss's Wilt tolerance
- Consistent ear on healthy plant
- Great dual purpose hybrid

AGRONOMIC CHARA	CTERISTI	CS		
Green Snap				
Yield for Maturity				
Root Strength				
Stalk Strength				
Stay Green				
Stress Tolerance				
Emergence				
	1 2	3	4	5 (BEST)
DISEASE TOLERANC	e rating	S		
Goss's Wilt				
Anthracnose Stalk Rot				
Common Rust				
Gray Leaf Spot				
Northern Leaf Blight				
Tar Spot Complex				
Fungicide Response				
	1 2	3	4	5 (BEST)
HYBRID POSITIONIN	g & Adaf	PTABILITY		
Harvestability				
No-Till				
Corn on Corn				
Light Soil				
Heavy Soil				
Marginal Fertility				
Highly Productive				
Dual Purpose				

5 (BEST) 1 2 3 4 PERFORMANCE HIGHLIGHTS STATE TRIAL CITY HYBRID YIELD RANK ENTRIES HMN Morris MN 85-96 257 0 23

OWIN	WOITIO	I VII N	00 00	201.0		20
FIRST	Lamberton	MN	85-96	254.1	2	48
FIRST	Clinton	MN	86-96 2P	233.2	2	63
FIRST	MNSO Summary	MN	86-96 2P	239.7	3	48
FIRST	MNWC Summary	MN	86-96 2P	208.2	5	63

*Performance results from trials conducted in 2020. No product recommendation by F.I.R.S.T. or other third parties is implied.



11-98 2P

96 RM

🛑 LL 👔 🛑 RW 🎸 ECB 👔 🞸 Refuge In Bag 🖌 RR

98 RM

VTDoublepRO also available as Titanoro

HIGH YIELDING LEAD WITH BROAD **ADAPTABILITY**

- Stable performance across low & high yield environments
- Fast ground emergence
- Very good Goss's Wilt tolerance
- Nice semi-flex ear that flares at harvest
- Responds well to fungicide application

AGRONOMIC CHARA	CTER	ISTICS			
Green Snap			[
Yield for Maturity					
Root Strength					
Stalk Strength					
Stay Green					
Stress Tolerance					
Emergence					
	1	2	3	4	5 (BEST)
DISEASE TOLERANC	e rat	INGS			
Goss's Wilt					
Anthracnose Stalk Rot					
Common Rust					
Gray Leaf Spot					
Northern Leaf Blight					
Tar Spot Complex					
Fungicide Response					
	1	Ż	ġ.	4	5 (BEST)
HYBRID POSITIONIN	G & A	Dapta	BILITY	'	
Harvestability		[
No-Till					
Corn on Corn					
Light Soil					
Heavy Soil					
Marginal Fertility					
Highly Productive					
Dual Purpose					
	1	2	3	4	5 (BEST)

PERFORMANCE HIGHLIGHTS							
TRIAL	CITY	STATE	HYBRID	YIELD	RANK	ENTRIES	
FIRST	Lester Prairie	MN	11-98 2P	236.6	1	48	
FIRST	Mansfield	SD	11-98 2P	275.7	1	63	
FIRST	Paullina	IA	11-98 2P	194.4	3	60	
UMN	Hutchinson	MN	11-98 2P	237.0	4	37	
FIRST	Montevideo	MN	11-98 2P	210.1	5	48	

*Performance results from trials conducted in 2021. No product recommendation by F.I.R.S.T. or other third parties is implied.



	23-98 ss	
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🖌 RR 🖌 LL 🕴 🖌 RW 🖌 ECB 🕴 🖌 Refuge In Bag

EXCELLENT TOP-END YIELD POTENTIAL WITH A WIDE AREA OF ADAPTATION

- Strong disease package with late season intactness & stay green
- Long, girthy, semi-flex ear style that adapts to moderate & high populations
- Performs across multiple environments with good southern movement
- Very good corn on corn product

AGRONOMIC CHARACTERISTICS	
Green Snap	
Yield for Maturity	
Root Strength	
Stalk Strength	
Stay Green	
Stress Tolerance	
Emergence	
1 2 3 4 5 (Bl	EST)
DISEASE TOLERANCE RATINGS	
Goss's Wilt	
Anthracnose Stalk Rot	
Common Rust –	
Gray Leaf Spot	
Northern Leaf Blight	
Tar Spot Complex	
Fungicide Response	
1 2 3 4 5 (Bl	EST)
HYBRID POSITIONING & ADAPTABILITY	
Harvestability	
No-Till	
Corn on Corn	
Light Soil	
Heavy Soil	
Marginal Fertility	

NEW 98 RM

There for inflatantly					
Root Strength					
Stalk Strength					
Stay Green					
Stress Tolerance					
Emergence					
	1	2	3	4	5 (BEST
DISEASE TOLERANC	e rat	INGS			
Goss's Wilt					ĺ
Anthracnose Stalk Rot					
Common Rust	-	-			
Gray Leaf Spot					
Northern Leaf Blight					
Tar Spot Complex					
Fungicide Response					
	Í	Ż	Ś	4	5 (BEST
UNDER BOOKTONIN	0 0 4	DADTA			

HYBRID POSITION	IING & A	ADAP IA	BILLIY		
Harvestability				[
No-Till					
Corn on Corn					
Light Soil					
Heavy Soil					
Marginal Fertility					
Highly Productive					
Dual Purpose					
	1	2	3	4	5 (BES

92-99 a	2P
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🖌 RR 💿 LL 👔 💿 RW 🖌 ECB 👔 🖌 Refuge In Bag

VTDoublepRO" ALSO AVAILABLE AS TITANON SmartStar

STRONG HYBRID WITH THE ABILITY TO MOVE NORTH OF ZONE

- Medium tall plant with very good late season intactness
- Contains ASR gene for stalk rot control
- Hybrid stature gives the opportunity for a dual purpose
- Excellent performance with proven yield results

AGRONO	MIC CHARAC	TERISTI	CS				
Green Sna	р						
Yield for N	laturity						
Root Stren	gth						
Stalk Stre	ngth						
Stay Green	ו						
Stress Tole	erance						
Emergence	9						
		1 2	3	4	5 (BE	ST)	
DISEASE	TOLERANCE	RATING	S				
Goss's Wil	t						
Anthracno	se Stalk Rot						
Common F	Rust	-					
Gray Leaf	Spot						
Northern L	.eaf Blight						
Tar Spot C	omplex						
Fungicide	Response						
		1 2	3	4	5 (BE	ST)	
HYBRID	POSITIONING	& ADAF	PTABILITY				
Harvestabi	lity						
No-Till							
Corn on Co	orn						
Light Soil							
Heavy Soil							
Marginal F							
Highly Pro							
Dual Purpo							
		1 2	3	4	5 (BE	ST)	
PERFOR	Mance Highi	LIGHTS					
TRIAL	CITY	STATE	HYBRID		YIELD	RANK	ENTRIES
FIRST FIRST	MNSE Summary Cannon Falls	MN MN	92-99 2P 92-99 2P		241.0 270.7	2 1	60 60
FIRST	Truman	MN	92-99 2P 92-99 2P		232.6	2	80
FIRST	Osage	IA	92-99 2P		249.6	2	60

*Performance results from trials conducted in 2019-2021. No product recommendation by F.I.R.S.T. or other third parties is implied.

92-99 2P

263.4 2

SD

FIRST

Dell Rapids



26-00

RR 🛛 LL 📔 🔴 RW 🔵 ECB 📔 🔵 Refuge In Bag





100 RM

WIDELY ADAPTED HYBRID WITH STRONG AGRONOMICS

- Excellent fall appearance
- Very good Goss's Wilt tolerance
- Exceptional stalks & roots
- Responds well to fungicide application

	ידבטופ	тісе			
AGRONOMIC CHARAC	I EKI9	1169	-	1	
Green Snap Yield for Maturity					
Root Strength					
Stalk Strength					
Stay Green					
Stress Tolerance					
Emergence					
Ŭ	1	2	3	4	5 (BEST)
DISEASE TOLERANCE	E RATIN	IGS			
Goss's Wilt					
Anthracnose Stalk Rot					
Common Rust					
Gray Leaf Spot					
Northern Leaf Blight					
Tar Spot Complex					
Fungicide Response	ļ				
	1	Ź	Ś.	4	5 (BEST)
HYBRID POSITIONING	i & AD/	APTAB	ILITY		
Harvestability					
No-Till					
Corn on Corn					
Light Soil					
Heavy Soil					
Marginal Fertility					
Highly Productive					
Dual Purpose	1	2	3	4	5 (BEST)
	I	2	3	4	J (DEOT)

PERFORMANCE HIGHLIGHTS							
TRIAL	CITY	STATE	HYBRID	YIELD	RANK	ENTRIES	
FIRST	Mankato	MN	26-00	266.4	1	80	
FIRST	Ventura	IA	26-00	255.6	1	60	
FIRST	Lamberton	MN	26-00	248.5	2	80	
FIRST	MNSW Summary	MN	26-00	244.4	2	80	
FIRST	Nerstrand	MN	26-00	243.5	3	71	

*Performance results from trials conducted in 2020. No product recommendation by F.I.R.S.T. or other third parties is implied.

ALSO AVAILABLE AS



84-01



RR 🛛 LL 🚺 🔷 RW 🕒 ECB 🚺 🔴 Refuge In Bag

Titanpro

ALSO AVAILABLE AS VTDoublepro

TITAN PRO'S LEAD HYBRID WITH CONSISTENTLY HIGH YIELDS EACH YEAR

- Strong emergence & early plant vigor for early planting
- Very good Goss's Wilt tolerance with low green snap risk
- Strong stalks & roots contribute to a great fall appearance
- Consistent ears & kernel depth

AGRO	NOMIC CHARAC	FERISTIC	S		
Green S	Snap				
	r Maturity				
Root St	rength				
Stalk St	-				
Stay Gr	een				
Stress 1	Tolerance				
Emerge	nce				
	1	2	ġ.	4	5 (BEST)
DISEA	SE TOLERANCE	RATINGS	5		
Goss's \	Nilt			[
Anthrac	nose Stalk Rot				
Commo	n Rust				
Gray Le	af Spot				
	n Leaf Blight				
	t Complex				
Fungicio	de Response				
	1	2	3	4	5 (BEST)
HYBRI	D POSITIONING	& ADAP	rability		
Harvest	ability			[
No-Till					
Corn on	Corn				
Light So					
Heavy S					
	al Fertility				
	Productive				
Dual Pu	rpose				
	1	2	3	4	5 (BEST)
PERFC	Ormance Highl	IGHTS			
TRIAL FIRST	CITY MNSE Summary	STATE MN	HYBRID 84-01		YIELD RANK 252.0 1

INIAL		JIAIE	nioniu	TIELD	NANK	ENTRIES		
FIRST	MNSE Summary	MN	84-01	252.0	1	72		
FIRST	IANO Summary	IA	84-01	240.3	1	60		
FIRST	MNSW Summary	MN	84-01	227.7	1	72		
FIRST	Nerstrand	MN	84-01	273.6	1	72		
ISU	Nashua	IA	84-01	226.8	1	32		
*Performance results from trials conducted in 2021. No product recommendation by F.I.R.S.T. or other								
third parties is implied.								

ENTRIES





NEW 102 RM

✔ RR 🖌 LL 🛛 🞸 2,4-D Choline 🖌 FOP 🚺 🛑 RW ✔ ECB

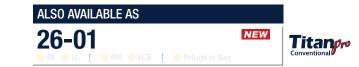


ALSO AVAILABLE AS **Titanpro**

NEW POWERCORE[®] ENLIST[®] OPTION AT 102 RM

- Very good performance against Tar Spot complex
- Healthy and showy fall appearance
- Excellent agronomics
- Strong stalks & roots
- Great plant integrity

AGRONOMIC CHARAC	TERIS	STICS			
Green Snap					
Yield for Maturity					
Root Strength					
Stalk Strength					
Stay Green					
Stress Tolerance					
Emergence					
	1	2	3	4	5 (BEST)
DISEASE TOLERANCE	RATI	NGS			
Goss's Wilt					
Anthracnose Stalk Rot					
Common Rust					
Gray Leaf Spot					
Northern Leaf Blight					
Tar Spot Complex					
Fungicide Response					E (DEOT)
	1	2	3	4	5 (BEST)
HYBRID POSITIONING	& AD	APIAE	BILLIY		
Harvestability					
No-Till					
Corn on Corn					
Light Soil					
Heavy Soil					
Marginal Fertility					
Highly Productive					
Dual Purpose	4	2	0		
	I	2	3	4	5 (BEST)





TP 40-03



🕽 RR 🛑 LL 🔋 🛑 RW 🛑 ECB 📔 🛑 Refuge In Bag

Titappo

CONVENTIONAL OPTION WITH HIGH **YIELD POTENTIAL**

- Medium tall hybrid with medium ear placement
- Responds very well to productive soils
- Excellent Goss's Wilt tolerance
- Great dual purpose hybrid

AGRON	NOMIC CHARA	CTERISTIC	2				
				ł			
Green S							
	Maturity						
Root Str	•						
Stalk St	-						
Stay Gre							
Stress T							
Emerger	nce	1 2	3	4	5 (Bl	EST)	
DISEAS	SE TOLERANC	E RATINGS	-		0 (2.		
Goss's V	Vilt						
Anthraci	nose Stalk Rot						
Commo	n Rust						
Gray Lea	af Spot						
Northerr	n Leaf Blight						
Tar Spot	Complex						
Fungicio	le Response						
		1 Ż	Ś	4	5 (Bl	EST)	
HYBRI	D POSITIONIN	G & ADAP1	TABILITY				
Harvesta	ability						
No-Till							
Corn on	Corn						
Light So	il						
Heavy S	oil						
Margina	l Fertility						
Highly P	roductive						
Dual Pu	rpose						
		1 2	Ś	4	5 (Bl	EST)	
PERFO	RMANCE HIGH	HLIGHTS					
TRIAL	CITY	STATE	HYBRID		YIELD	RANK	ENTRIE
FIRST	Moorland	IA	TP 40-03		242.1	3	72

TRIAL	CITY	STATE	HYBRID	YIELD	RANK	ENTRIES
FIRST	Moorland	IA	TP 40-03	242.1	3	72
UMN	Lamberton	MN	TP 40-03	259.0	3	28
ISU	Pocahontas	IA	TP 40-03	220.6	4	44
UMN	Rochester	MN	TP 40-03	264.0	4	22
Pro 83	Aberdeen	SD	TP 40-03	260.0	2	25

*Performance results from trials conducted in 2018-2019. No product recommendation by F.I.R.S.T. or other third parties is implied.

103 RM

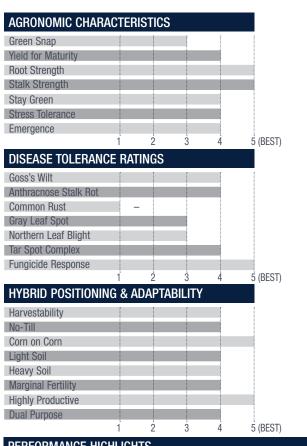
26-03 5222

ダ GT ダ LL 🕴 ダ RW ダ ECB 👔 ダ Refuge In Bag

Duracade Viptera

OFFERS SUPERIOR INSECT PROTECTION TO MAXIMIZE YIELD

- Two modes of action for broad lep, corn borer, & corn rootworm
- Widely adapted hybrid across all yield environments
- Nice fall appearance
- Very good test weight & fungicide response



PERFUR	IMANCE HIGH	1LIGHTS				
TRIAL	CITY	STATE	HYBRID	YIELD	RANK	ENTRIES
ISU	Pocahontas	IA	26-03 5222	227.2	2	32
ISU	Corwith	IA	26-03 5222	217.0	4	32
UMN	Waseca	MN	26-03 5222	260.0	6	20
MN Seed	Eagle Lake	MN	26-03 5222	279.8	3	14
MN Seed	Raymond	MN	26-03 5222	261.2	5	28

*Performance results from trials conducted in 2020-2021. No product recommendation by F.I.R.S.T. or other third parties is implied.

82-04 _{2P}

104 RM

🛑 LL 👔 🛑 RW 🎸 ECB 👔 🞸 Refuge In Bag 🖌 RR

VTDoublepRO* ALSO AVAILABLE AS SmartStax

HYBRID LEADER AT 104 RM WITH **EXCELLENT TEST WEIGHT**

- Very good Goss's Wilt tolerance with low green snap risk
- Responds to fungicide applications very well
- Strong stalks & good roots give it a clean fall appearance
- Moves north of zone

1000			•		
AGRON	IOMIC CHARA	ACTERISTIC	\$		
Green Sr					
Yield for	,				
Root Stre	-				
Stalk Sti	rength				
Stay Gre					
Stress To	olerance				
Emerger	ice				
		1 2	3 4	5 (BEST)	1
DISEAS	SE TOLERANC	E RATINGS			
Goss's W	/ilt				
Anthracr	nose Stalk Rot				
Commor	1 Rust	-			
Gray Lea	af Spot				
Northern	I Leaf Blight				
Tar Spot	Complex				
Fungicid	e Response				
		1 2	3 4	5 (BEST))
HYBRI) POSITIONIN	ig & Adapt	ABILITY		
Harvesta	ability				
No-Till	-				
Corn on	Corn				
Light So	il				
Heavy Se	oil				
Marginal	l Fertility				
Highly P	-				
Dual Pur	pose				
		1 2	3 4	5 (BEST))
PERF0	RMANCE HIG	hlights			
TRIAL	CITY	STATE	HYBRID	YIELD	RANK ENTRIES
FIRST	Eyota	MN	82-04 2P		2 66
UMN	Lamberton	MN	82-04 2P		2 17
County	Gaylord	MN	82-04 2P	214.4	1 12

*Performance results from trials conducted in 2019-2020. No product recommendation by F.I.R.S.T. or other third parties is implied.

82-04 2P

82-04 2P

MN

MN

MNSE Summary

New Ulm

FIRST

County

66

25

239.6

241.3

Δ

ALSO AVAILABLE AS **22-04** ss SmartStax 🖌 RR 🖌 LL 👔 🖌 RW 🎸 ECB 👔 🖌 Refuge In Bag



NEW 105 RM

🖌 RR 🖌 LL 🛛 🖌 2,4-D Choline 🖌 FOP 📜 🔵 RW 🖋 ECB



ALSO AVAILABLE AS **Titanpro**

NEW POWERCORE[®] ENLIST[®] OPTION AT 105 RM WITH BIG YIELDS

- Good tolerance to NCLB, Goss's Wilt, & Tar Spot
- Keep in zone & move north
- Excellent fungicide response
- Girthy ear with deep kernels
- Harvest timely

AGRON	IOMIC CHARAC	TERISTIC	CS				
Green Sr	าลก	1					
Yield for							
Root Stre	,						
Stalk St	0						
Stav Gre	en						
Stress To	lerance						
Emerger							
2		1 2	3	4	5 (Bl	EST)	
DISEAS	SE TOLERANCE	RATINGS	5				
Goss's W	/ilt						
Anthracr	nose Stalk Rot						
Commor	n Rust						
Gray Lea	if Spot						
Northern	Leaf Blight						
Tar Spot	Complex						
	e Response						
		1 2	3	4	5 (Bl	EST)	
HYBRI) POSITIONING	& ADAP	TABILITY				
Harvesta	bility						
No-Till	-						
Corn on	Corn						
Light So							
Heavy S	oil						
Marginal	Fertility						
Highly P	roductive						
Dual Pur	pose						
		1 2	3	4	5 (Bl	EST)	
PERFO	RMANCE HIGH	LIGHTS					
TRIAL	CITY	STATE	HYBRID		YIELD	RANK	ENTRI
UMN	Rochester	MN	24-04		306.0	1	33
UMN	Morris	MN	24-04		246.0	2	20
FIRST FIRST	Sioux Center New Richland	IA MN	24-04 24-04		278.1 282.4	3 3	66 60
FIRST	IANC Summary	IA	24-04		230.9	2	71
*Performanc	e results from trials cor arties is implied.			duct rec		-	R.S.T. or



23	-06 ss				106	RM
🖌 RR 🗸	🖌 LL 📋 🍼 RW	🗸 ECB	🖌 🎸 Refuge	In Bag		
Smar		so availab	LE AS Tita	napro		
RFIIA	BLE PERFC	RMAN		4		
	ADAPTAB					
• Verv	good root &	stalk rati	nas			
	lent Goss's W		0	lerance		
	flex ear with	0				
			0			
 Avera 	ge performa	nce agai	nst Tar Spo	ot comp	lex	
AGRON	OMIC CHARAC	TERISTIC	S			
Green Sn	•					
Yield for	,					
Root Stre	5					
Stalk Str						
Stay Gree						
Stress To						
Emergen	Ce	1 2	3 4	5 (BE	EST)	
DISEAS	E TOLERANCE	RATINGS				
Goss's W	ilt					
Anthracn	ose Stalk Rot					
Common	Rust					
Gray Lea						
	Leaf Blight					
Tar Spot						
Fungiciae	e Response	1 2	3 4	5 (BE	ST)	
HYBRID	POSITIONING	. –	0 1	0 (55		
Harvesta	bility					
No-Till	-					
Corn on (
Light Soi						
Heavy Sc Marginal						
Marginal	-					
Highly Pr Dual Pur						
Duarrai		1 2	3 4	5 (BE	ST)	
PERFOR	RMANCE HIGHI	LIGHTS				
TRIAL	CITY	STATE	HYBRID	YIELD	RANK	ENTRI
	Britt Postville	IA	20-05	271.8 287.8	1	66 62
FIRST	POSIVILLE	IA	23-06 SS		3	62
FIRS I FIRST FIRST	Thomson	IL	23-06 SS	234.3	10	62





96-06 _{2P}

106 RM

🞸 RR 🕚 LL 🕴 😐 RW 🎸 ECB 🕴 🎸 Refuge In Bag

BROADLY ADAPTED HYBRID WITH TOP-END YIELD PERFORMANCE ACROSS ENVIRONMENTS

- Very clean & showy product during fall
- Very good agronomic & disease ratings at this RM
- Great test weight with outstanding grain quality
- Excellent performance with proven yield results

AGRONOMIC CHARA	CTERIS	TICS			
Green Snap	UTENIO	100			
Yield for Maturity					
Root Strength					
Stalk Strength					
Stay Green					
Stress Tolerance					
Emergence					
	1	Ż	ġ.	4	5 (BEST)
DISEASE TOLERANC	e ratin	IGS			
Goss's Wilt				[
Anthracnose Stalk Rot					
Common Rust	_				
Gray Leaf Spot					
Northern Leaf Blight					
Tar Spot Complex					
Fungicide Response	ļ				
	1	Ż	Ś.	4	5 (BEST)
HYBRID POSITIONIN	G & ADA	AP I AI	BILLIY		
Harvestability				[
No-Till					
Corn on Corn					
Light Soil					
Heavy Soil					
Marginal Fertility					

5 (BEST) 1 PERFORMANCE HIGHLIGHTS TRIAL STATE YIELD RANK ENTRIES CITY HYBRID FIRST IANC Summary 96-06 2P 240.2 72 IA FIRST Plymouth 96-06 2P 235.5 72 72 72 FIRST Moville 258.1 96-06 2P 215.3 ISU Pocahontas 96-06 2P IA 2 FIRST Plymouth 96-06 2P 229.2 2 71

*Performance results from trials conducted in 2019-2020. No product recommendation by F.I.R.S.T. or other third parties is implied.

23-09 PCE

ダ RR ダ LL 🕴 ダ 2,4-D Choline 🖋 FOP 🕴 🛑 RW ダ ECB 🕴 🛑 Refuge In Bag



ALSO AVAILABLE AS Titanpro

NEW

109 RM

NEW POWERCORE[®] ENLIST[®] YIELD LEADER OPTION AT 109 RM

- Widely adapted east to west with late season intactness
- Solid leaf disease ratings for NLB, GLS, & Goss's Wilt
- Semi-flex, tapered ears with excellent grain quality & test weight
- Strong stalks with good tolerance to anthracnose
- Excellent silage product

AGRONOMIC CHARAC	TEDIO	rine			
		:	;		
Green Snap					
Yield for Maturity					
Root Strength					
Stalk Strength					
Stay Green					
Stress Tolerance					
Emergence	1	2	3	4	5 (BEST)
		-	3	4	5 (DEST)
DISEASE TOLERANCE	KALIN	GS			
Goss's Wilt					
Anthracnose Stalk Rot					
Common Rust					
Gray Leaf Spot					
Northern Leaf Blight					
Tar Spot Complex					
Fungicide Response					C (DEOT)
	1	2	3	4	5 (BEST)
HYBRID POSITIONING	& ADA	PTABI	LITY		
Harvestability					
No-Till					
Corn on Corn					
Light Soil					
Heavy Soil					
Marginal Fertility					
Highly Productive					
Dual Purpose			ļ		Ļ
	1	2	3	4	5 (BEST)



92-09

109 RM

● RR ● LL Ⅰ ● RW ● ECB Ⅰ ● Refuge In Bag

Titanpro

MEDIUM SHORT PLANT HEIGHT WITH GREAT LATE SEASON STANDABILITY

- Average Tar Spot rating
- Excellent roots & very good stalks
- Handles moving north of zone very well
- Proven performance year after year

AGRONOMIC CHARACTERISTICS Green Snap						
Yield for Maturity Image: Constraint of the second sec	AGROM	IOMIC CHARA	CTERISTI	CS		
Root Strength Image: Constraint of the state of the strength Image: Constraint of the strength Stay Green 1 2 3 4 5 (BEST) DISEASE TOLERANCE RATINGS Goss's Wilt 1 2 3 4 5 (BEST) DISEASE TOLERANCE RATINGS Goss's Wilt 1 1 1 1 Anthracnose Stalk Rot 1 1 1 1 Common Rust - 1 2 3 4 5 (BEST) Northern Leaf Blight 1 <td>Green S</td> <td>nap</td> <td></td> <td></td> <td></td> <td></td>	Green S	nap				
Stalk Strength	Yield for	Maturity				
Stay Green Image: Stress Tolerance Emergence 1 2 3 4 5 (BEST) DISEASE TOLERANCE RATINGS Goss's Wilt Image: Stress Tolerance Image: Stress Toler	Root Str	ength				
Stress Tolerance I <thi< th=""> I <thi< th=""></thi<></thi<>	Stalk St	rength				
Emergence 1 2 3 4 5 (BEST) DISEASE TOLERANCE RATINGS Goss's Wilt	Stay Gre	en				
i ż ż ż 4 5 (BEST) DISEASE TOLERANCE RATINGS Goss's Wilt	Stress T	olerance				
DISEASE TOLERANCE RATINGS Goss's Wilt	Emerger	nce				
Goss's Wilt Image: Common Rust Image: Common Ru			1 2	3	4	5 (BEST)
Anthracnose Stalk Rot - Common Rust - Gray Leaf Spot - Northern Leaf Blight - Tar Spot Complex - Fungicide Response - 1 2 3 4 5 (BEST) HYBRID POSITIONING & ADAPTABILITY Harvestability - - - Nortill - - - - Corn on Corn - - - - Light Soil - - - - - Heavy Soil - - - - - - Dual Purpose - - - - - - RANK FIRST Sloux Center IA 92-09 293.6 2 2 -	DISEAS	SE TOLERANCI	e ratings	S		
Common Rust - <th< td=""><td>Goss's V</td><td>Vilt</td><td></td><td></td><td></td><td></td></th<>	Goss's V	Vilt				
Gray Leaf Spot Image: Complex interval and interva	Anthraci	nose Stalk Rot				
Northern Leaf Blight Tar Spot Complex Image: Complex Fungicide Response 1 2 3 4 5 (BEST) HYBRID POSITIONING & ADAPTABILITY Harvestability Image: Complex Image: Complex Image: Complex Image: Complex Harvestability Image: Complex Ima	Commo	n Rust	_			
Tar Spot Complex Image: Complex Ima	Gray Lea	af Spot				
Fungicide Response 1 2 3 4 5 (BEST) HYBRID POSITIONING & ADAPTABILITY Harvestability Image: Colspan="2">Image: Colspan="2" Image: Colsp	Northerr	n Leaf Blight				
I Z 3 4 5 (BEST) HYBRID POSITIONING & ADAPTABILITY Harvestability Image: Colspan="2">Image: Colspan="2" Image:	Tar Spot	Complex				
Image: Colspan="2" (clearly intervention of the second se	Fungicid	le Response				
Harvestability Image: Construct of the second s				0	Å	5 (BEST)
No-Till Image: Constraint of the second	HYBRI	d positioning	g & adap	TABILITY		
Corn on Corn Image: Corn on Corn Light Soil Image: Corn on Corn Heavy Soil Image: Corn on Corn Heavy Soil Image: Corn on Corn Marginal Fertility Image: Corn on Corn Marginal Fertility Image: Corn on Corn Highly Productive Image: Corn on Corn Dual Purpose Image: Corn on Corn TRIAL CITY STATE HYBRID FIRST Sioux Center IA 92-09 238.4 3 ISU Armes IA 92-09 248.5 4 FIRST Albert City IA 92-09 284.8 4	Harvesta	ability				
Light Soil Heavy Soil Image: Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspan="2"Colspan="2">Colspan="2"Colspan="	No-Till					
Heavy Soil Image Marginal Fertility Image Highly Productive Image Dual Purpose Image 1 2 3 4 5 (BEST) PERFORMANCE HIGHLIGHTS TRIAL CITY STATE HYBRID YIELD RANK FIRST Sioux Center IA 92-09 293.6 2 ISU Oelwein IA 92-09 238.4 3 ISU Ames IA 92-09 248.5 4 FIRST Albert City IA 92-09 284.8 4	Corn on	Corn				
Marginal Fertility Image: Constraint of the system of	Light So					
Highly ProductiveDual Purpose12345 (BEST)PERFORMANCE HIGHLIGHTSTRIALCITYSTATEHYBRIDYIELDRANKFIRSTSioux CenterIA92-09293.62ISUOelweinIA92-09238.43ISUAmesIA92-09248.54FIRSTAlbert CityIA92-09284.84	Heavy S	oil				
Dual Purpose12345 (BEST)PERFORMANCE HIGHLIGHTSTRIALCITYSTATEHYBRIDYIELDRANKFIRSTSioux CenterIA92-09293.62ISUOelweinIA92-09238.43ISUAmesIA92-09248.54FIRSTAlbert CityIA92-09284.84	Margina	I Fertility				
12345 (BEST)PERFORMANCE HIGHLIGHTSTRIALCITYSTATEHYBRIDYIELDRANKFIRSTSioux CenterIA92-09293.62ISUOelweinIA92-09238.43ISUAmesIA92-09248.54FIRSTAlbert CityIA92-09284.84	Highly P	roductive				
PERFORMANCE HIGHLIGHTSTRIALCITYSTATEHYBRIDYIELDRANKFIRSTSioux CenterIA92-09293.62ISUOelweinIA92-09238.43ISUAmesIA92-09248.54FIRSTAlbert CityIA92-09284.84	Dual Pu	rpose				
TRIAL CITY STATE HYBRID YIELD RANK FIRST Sioux Center IA 92-09 293.6 2 ISU Oelwein IA 92-09 238.4 3 ISU Ames IA 92-09 248.5 4 FIRST Albert City IA 92-09 284.8 4			1 2	3	4	5 (BEST)
FIRST Sioux Center IA 92-09 293.6 2 ISU Oelwein IA 92-09 238.4 3 ISU Ames IA 92-09 248.5 4 FIRST Albert City IA 92-09 248.5 4	PERFO	RMANCE HIGH	ILIGHTS			
ISU Oelwein IA 92-09 238.4 3 ISU Ames IA 92-09 248.5 4 FIRST Albert City IA 92-09 284.8 4	TRIAL	CITY	STATE	HYBRID		YIELD RANK
ISU Ames IA 92-09 248.5 4 FIRST Albert City IA 92-09 284.8 4	FIRST	Sioux Center	IA	92-09		
FIRST Albert City IA 92-09 284.8 4						
		,				

*Performance results from trials conducted in 2020-2021. No product recommendation by F.I.R.S.T. or other third parties is implied.

Highly Productive Dual Purpose

109 RM

🖋 RR 🕘 LL 🕴 🦲 RW 🖋 ECB 🕴 ダ Refuge In Bag

VTDoublepRO° ALSO AVAILABLE AS Smart Stax

PROVEN HYBRID THAT CAN TOP THE YIELD CHARTS IN HIGH FARM MANAGEMENT SYSTEMS

- Excellent Goss's Wilt tolerance
- Push the population to medium high for full potential
- Great hybrid in zone & moving south
- Responds well to fungicide & sidedress application for top-end yield

AGRO	IOMIC CHARAC	TERISTIC	S				
Green S	nap						
	Maturity						
Root Str	ength						
Stalk St	rength						
Stay Gre	en						
Stress T	olerance						
Emerge	nce						
		1 2	3	4	5 (BE	EST)	
DISEA	SE TOLERANCE	RATINGS	5				
Goss's V	Vilt						
Anthrac	nose Stalk Rot						
Commo	n Rust	-					
Gray Lea	af Spot						
Northern	n Leaf Blight						
Tar Spot	Complex						
Fungicio	le Response						
		1 2	3	4	5 (BE	EST)	
HYBRI	d positioning	& ADAP	Tability				
Harvesta	ability						
No-Till							
Corn on	Corn						
Light So	il						
Heavy S	oil						
Margina	l Fertility						
Highly P	roductive						
Dual Pu	rpose	Į į					
	-	1 2	3	4	5 (BE	EST)	
PERFO	RMANCE HIGHI	IGHTS					
TRIAL	CITY	STATE	HYBRID	YI	ELD	RANK	ENTRIES
FIRST	IANW Summary	IA	94-09 2P		8.8	1	66
FIRST FIRST	Keystone Slater	IA IA	94-09 2P 94-09 2P		'2.3 '2.9	1 1	50 54
FIRST	IAWC Summary	IA IA	94-09 2P 94-09 2P		2.9 3.9	1	54 54
FIRST	Ventura	IA	94-09 2P	= -	i4.6	3	66
*Performan	ce results from trials con	ducted in 201	19-2020. No pro	oduct recom	menda	tion by F.I.I	R.S.T. or
	parties is implied.		2 2020o pro				





K ENTRIES

59

39

39

59

11-11

111 RM

RR 🛛 LL 🔹 🔍 RW 💭 ECB 👘 Refuge In Bag

Titanpro

WIDELY ADAPTED HYBRID WITH OUTSTANDING **AGRONOMIC PACKAGE & TEST WEIGHT**

- Balanced ear style with good tip fill & husk coverage
- Works across various soil types
- Responds very well to fungicide applications
- Very good late season health & intactness eases harvestability
- Excellent dual purpose hybrid

AGRONOMIC CHARACT	ERIS	IICS			
Green Snap					
Yield for Maturity					
Root Strength					
Stalk Strength					
Stay Green					
Stress Tolerance					
Emergence					
		2	3	4	5 (BEST)
DISEASE TOLERANCE F	RATIN	NGS			
Goss's Wilt					
Anthracnose Stalk Rot					
Common Rust					
Gray Leaf Spot					
Northern Leaf Blight					
Tar Spot Complex					
Fungicide Response					
1		Ż	ġ.	4	5 (BEST)
HYBRID POSITIONING 8	& AD	APTA	BILITY	7	
Harvestability					
No-Till					
Corn on Corn					
Light Soil					
Heavy Soil					
Marginal Fertility					
Highly Productive					

Dual Pu	rpose						
		1 2	3	4	5 (B	EST)	
PERFO	RMANCE HIG	HLIGHTS					
TRIAL	CITY	STATE	HYBRID		YIELD	RANK	ENTRIES
FIRST	Hinton	IA	11-11		269.1	1	59
ISU	Atlantic	IA	11-11		296.1	3	24
FIRST	Moorland	IA	11-11		296.8	4	59
ISU	Milo	IA	11-11		271.7	5	24
FIRST	Waterloo	IA	11-11		284.2	7	66

*Performance results from trials conducted in 2021. No product recommendation by F.I.R.S.T. or other third parties is implied.

TP 70-12

🕨 RR 🕘 LL 📔 🛑 RW 🛑 ECB 🚺 🔴 Refuge In Bag

Titanpro

CONSISTENT EAR DEVELOPMENT PLUS DEEP **KERNELS EQUALS BIG YIELDS**

112 RM

- Elite yield performance at high plant populations
- Widely adaptable across regions
- Excellent yield response to fungicide applications
- Proven performance year after year

Green Snap	ACTEF				
Yield for Maturity					
Root Strength					
Stalk Strength					
Stay Green					
Stress Tolerance					
Emergence					
	1	Ź	3	4	5 (BEST)
DISEASE TOLERAN	ce ra	TINGS			
Goss's Wilt					
Anthracnose Stalk Rot					
Common Rust					
Gray Leaf Spot					
Northern Leaf Blight					
Tar Spot Complex					
Fungicide Response					
	1	Ź	3	4	5 (BEST)
HYBRID POSITIONIN	NG & A	ADAPTA	BILITY		
Harvestability					
No-Till					
Corn on Corn					
Light Soil					
Heavy Soil					
Marginal Fertility					
Highly Productive					
Dual Purpose					
-	1 I	Ż	à	4	5 (BEST)

PERFU	RIVIANUE HIG	псиять				
TRIAL	CITY	STATE	HYBRID	YIELD	RANK	ENTRIES
ISU	Ames	IA	TP 70-12	208.2	1	47
Pro 95	Creston	IA	TP 70-12	262.0	1	20
ISU	Keystone	IA	TP 70-12	255.4	3	47
Pro 95	Tekamah	NE	TP 70-12	254.3	2	20
FIRST	Beatrice	NE	TP 71-12 DG2P	186.9	1	40

*Performance results from trials conducted in 2019. No product recommendation by F.I.R.S.T. or other third parties is implied.

12-12 2P

112 RM

🖌 RR 😑 💷 📋 🔗 RW 🖌 ECB 🕴 🖌 Refuge In Bag

VTDoublepR0

CONSISTENT HYBRID WITH WIDE ADAPTATION ACROSS ALL ENVIRONMENTS

- Outstanding stalks & roots with very low green snap risk
- Strong disease package including Goss's Wilt tolerance • Girthy, semi-flex ear for medium & high planting
- populations
- Attractive harvest appearance

AGRO	NOMIC CHAR	ACTERISTI	CS				
Green S							
	Maturity						
Root Str	,						
Stalk St	0						
Stay Gre	een						
-	olerance						
Emerge	nce						
		1 2	3	4	5 (B	EST)	
DISEA	SE TOLERANO	CE RATING	S				
Goss's V	Vilt						
Anthrac	nose Stalk Rot						
Commo	n Rust						
Gray Lea	af Spot						
Northeri	n Leaf Blight						
	t Complex						
Fungicio	de Response				- (5)		
		<u>1</u> 2	3 TADU ITV	4	5 (B	EST)	
	d positionin	ig & Adap	TABILITY				
Harvesta	ability						
No-Till	-						
Corn on							
Light So							
Heavy S							
Margina	-						
	Productive						
Dual Pu	rpose	1 2	3	4	5 (B	FST)	
PERFO	RMANCE HIG	• =					
PERFO	RMANCE HIG	• =	HYBRID		YIELD	RANK	ENTRIES
trial ISU	CITY Clarence	HLIGHTS State	HYBRID 12-12 2P		239.7	16	ENTRIES 40
TRIAL	CITY	HLIGHTS STATE	HYBRID				

*Performance results from trials conducted in 2021. No product recommendation by F.I.R.S.T. or other third parties is implied.

18 [.]	- 12 ss				112	RM
🖌 RR 🖌	LL 🕴 🎸 RW	/ 🎸 ECB	📔 🎸 Refu	ge In Bag		
Smart	Stax.					
	CTIVE SN					
tolera	ssive agron nce	mics inci	uaing Go	222.2.2.2.2	IL & NCI	_D
	ndous ear o		-	0		
	m tall plan intactness		ry good	standak	oility & l	ate
	ation east to		ith best r	perform	nance at	
mediu	m high pop	oulations	5			
AGRONC	MIC CHARA	CTERISTIC	S			
Green Sna						
Yield for N						
Root Stren	•					
Stalk Stre	Č.					
Stay Green						
Stress Tole Emergenc						
Linergene	6	1 2	3	4	5 (BEST)	
DISEASE	TOLERANCE	E RATINGS	\$			
Goss's Wil	t					
Anthracno	se Stalk Rot					
Common F	Rust					
Gray Leaf						
Northern L						
Tar Spot C						
Fungicide	Response	1 2	3	4	5 (BEST)	
HYBRID	POSITIONING	& ADAP	0	-1	0 (DE01)	
Harvestab	ility					
No-Till						
Corn on C	orn					
Light Soil						
Heavy Soil						
Marginal F						
Highly Pro						
Dual Fulp	300	1 2	3	4	5 (BEST)	
PERFOR	MANCE HIGH	ILIGHTS				
TRIAL	CITY	STATE	HYBRID	YIE		ENTRI
ISU	Crawfordsville	IA	18-12 SS	225		24
ISU	Batavia	IA IA	18-12 SS 18-12 SS	199 290		24
ISU	Atlantic				1/ 9	24

*Performance results from trials conducted in 2021. No product recommendation by F.I.R.S.T. or other third parties is implied.



NEW 114 RM

ダ RR ダ LL 🛛 ダ 2,4-D Choline 🛛 FOP 🖾 🛑 RW 🖌 ECB 👔 🛑 Refuge In B



ALSO AVAILABLE AS **Titanpro**

NEW POWERCORE[®] ENLIST[®] YIELD OPTION AT 114 RM

- Extremely showy hybrid that delivers yield
- Girthy, long, impressive ear
- Excellent grain quality & very good test weight
- Position hybrid across all soil types & populations
- Can handle low to medium high populations

AGRONOMIC CHARA	ACTER	ISTICS			
Green Snap			[
Yield for Maturity					
Root Strength					
Stalk Strength					
Stay Green					
Stress Tolerance					
Emergence					
	1	2	3	4	5 (BEST)
DISEASE TOLERANC	e ra	rings			
Goss's Wilt					
Anthracnose Stalk Rot					
Common Rust					
Gray Leaf Spot					
Northern Leaf Blight					
Tar Spot Complex					
Fungicide Response					
	1	Ż	3	4	5 (BEST)
HYBRID POSITIONIN	IG & A	DAPIA	BILLIY		
Harvestability					
No-Till					
Corn on Corn					
Light Soil					
Heavy Soil					
Marginal Fertility					
Highly Productive					
Dual Purpose	-		0		
	I	2	3	4	5 (BEST)

ALSO AVAILABLE AS		
28-13	NEW	Titanpro
● RR ● LL I ● RW ● ECB I ● Refuge In Bag		Conventional

82-14 2P

114 RM

🖋 RR 🕚 LL 🕴 💮 RW 🞸 ECB 🕴 ダ Refuge In Bag

LEAD HYBRID IN RM WITH EXCELLENT HEALTH & TEST WEIGHT

- Very good early plant vigor
- Works across all soil types
- Semi-flex ear with the ability to perform at moderate populations
- Strong stalks & roots aid in a clean fall appearance
- Keep in zone & move south

	IOMIC CHARA	FERISTIC	ر ۲	:			
Green Si							
Yield for	,						
Root Stre Stalk St	-						
	0						
Stay Gre							
Stress To							
Emerger	ice	1 2	3	4	5 (Bl	EST)	
DISEAS	SE TOLERANCE			Т	0 (51	2017	
Goss's V							
	nose Stalk Rot						
Commor							
Gray Lea							
	n Leaf Blight						
	Complex						
	le Response						
		1 2	3	4	5 (Bl	EST)	
HYBRI	D POSITIONING	i & Adap	TABILITY				
Harvesta							
No-Till							
Corn on	Corn						
Light So							
Heavy S							
Margina							
Highly P							
Dual Pur							
20001101	0000	1 2	3	4	5 (Bl	EST)	
PERFO	RMANCE HIGH	LIGHTS					
TRIAL	CITY	STATE	HYBRID		YIELD	RANK	ENTRIES
FIRST	Sully	IA	82-14 2P		301.4	2	60
FIRST	Washington	IA	82-14 2P		277.5	2	60
FIRST ISU	Bloomfield	IA	82-14 2P		247.4	1	45 30
ISU	Corning Crawfordsville	IA IA	82-14 2P 82-14 2P		233.8 249.1	1 2	30 30
	oramoraovillo	1/1			L-10.1	<u>_</u>	00

*Performance results from trials conducted in 2020-2021. No product recommendation by F.I.R.S.T. or other third parties is implied.

TITAN PRO SEED QUALITY MANAGEMENT SYSTEM

The Titan Pro Quality Management System is a process of continuous improvement founded on best practices in five areas:

1 QUALITY ASSURANCE

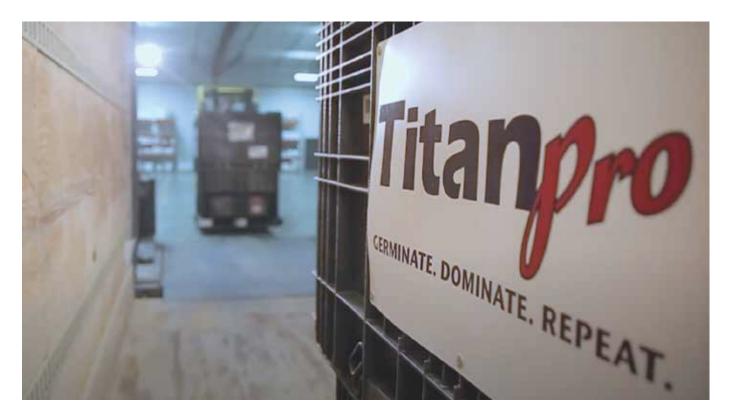
A process intended to eliminate defects.

2 QUALITY CONTROL

A process of testing samples at various points before products are advanced in the supply chain.

3 CLAIM MANAGEMENT

A process involving identification, investigation, and resolution of claims related to product.



4 TALENT DEVELOPMENT

A process designed to attract, develop, motivate, and retain productive employees committed to the delivery of quality products and services that customers want.

5 CAPITAL INVESTMENT

A process utilized to acquire equipment, machines, and facilities required to achieve quality specifications.

TITAN PRO BRAND SOYBEAN CHARACTERISTICS

	VARIETY I BY RELA						PLANT CHARA	ACTERISTIC	S					PLANT	HEALTH					ONOMIC			FIONIN PTABII			
TITAN PRO Brand	HERBICIDE TOLERANCE	PAGE	relative Maturity	FLOWER COLOR	PUBESCENCE	POD COLOR	HILUM COLOR	Plant Height	PLANT TYPE	estimated Seed Size	טוחספע הבעדע	SYNDROME SOYBEAN CYST	Nematude Tulekange Soybean Cyst Nematode Marker	PHYTOPHTHORA ROOT ROT GENE RESISTANCE	PHYTOPHTHORA ROOT ROT TOLERANCE	CHLOROSIS BROWN STEM ROT	WHITE MOLD	Stem Canker	FROG EYE EMERGENCE	STANDABILITY	LIGHT SOIL	HEAVY SOIL	Row width	STRESS TOLERANCE	YIELD SCORE FOR MATURITY	TITAN PRO Brand
TP 18E22 NEW	Enlist	23	1.8	Purple	Lt Tawny	Brown	Black	MT	Ti	2,700		3 F	Peking	Rps 1k	4	4.5 MF	3 4	R	4 5	4	3	4	ALL	4	5	TP 18E22 NEW
TP 20E22 NEW	Enlist	23	2.0	Purple	Lt Tawny	Tan	Brown	MT	i	2,800		4.5 F	Peking	Rps 1k	4	4.5 MF	3 4	R	4 5	4	4	4	ALL	4	5	TP 20E22 NEW
TP 25E22 NEW	Enlist	24	2.5	Purple	Lt Tawny	Tan	Black	М	iB	2,800		4.5 F	Peking	Rps 1k	4	3.5 MF	R 3.5	R	4 4	4	4	4	ALL	4	4	TP 25E22 NEW

SOYBEAN TRAIT DESCRIPTIONS

Enlist E3° Soybeans (Enlist) – 2,4-D choline, glufosinate, and glyphosate herbicide tolerance

Plant Height S = Short

MS = Medium Short M = Medium MT = Medium Tall T = Tall

Resistance Scale R = Resistant S = Susceptible

MR = Moderate Resistance

T = Thin Ti = Thin-Intermediate i = Intermediate iB = Intermediate-Bush B = Bush Soybean Cyst Nematode

SOYBEAN CHARACTERISTICS CHART KEY

Plant Type

(SCN Tolerance) P = Peking R = Resistant S = Susceptible

PGR - Phytophthora Root Rot Gene Resistance

Rps 1a = Resistant to races 1-2, 10-13, 15-19 Rps 1c = Resistant to races 1-3, 6-11, 13, 15, 17, 21, 23, 24 Rps 1k = Resistant to races 1-11, 13-15, 17-18, 21, 22 Rps3a = Resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25 NG = No specific gene Ha, Hc, and Hk = Heterozygous for specific gene

Phytophthora Field

Tolerance (PFT)

Rating Scale

4 = Very Good

2 = Below Average 1 = Poor/Highly Susceptible

5 = High Tolerance

1 - 2 = Low Tolerance

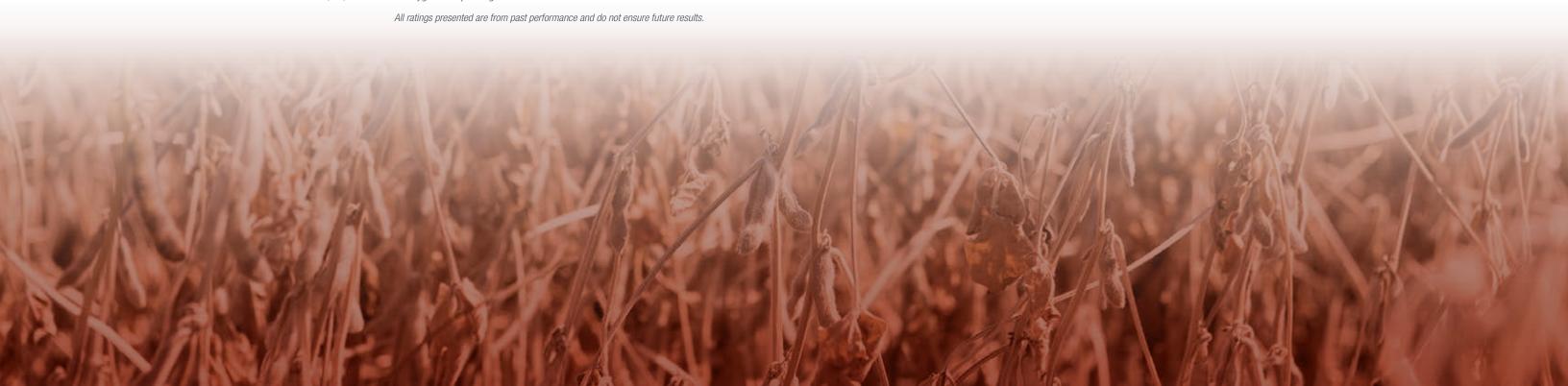
5 = Excellent/Resistant

3 - 4 = Acceptable Tolerance

3 = Average/Moderate Resistance

SOYBEANS

Our soybean lineup is built for performance and carefully selected to work with your specific growing conditions, weather patterns, and various pressures to give you exceptional results. With a team committed to delivering improved varieties each year, we aim to help ease challenges and increase yield potential. By weighing all aspects of what makes a soybean plant optimal, we are able to offer superior products that match your needs.



NUMBERING SYSTEM TP 18E22 Brand Relative Trait Maturity Stack (1.8)

ENLIST BRAND SOYBEANS

TP 18E22



NEW PEKING LINE AT 1.8

- Rps 1k gene with strong White Mold & IDC ratings
- Very versatile, big acre soybean
- Medium tall plant with very good standability
- Good early season emergence
- Strong PRR tolerance

AGRONOMIC CHAP	Racter	RISTICS			
Emergence					
Standability					
	1	2	ŝ	4	5 (l

POSITIONING & A	DAPTAB	ILITY			
Yield Score					
Light Soil					
Heavy Soil					
Stress Tolerance					
	1	2	3	4	5 (BE

PLANT HEALTH					
Iron Deficiency Chlorosis					
Phytophthora Root Rot					
Brown Stem Rot					
White Mold					
Sudden Death Syndrome					
	1	2	3	4	5

TP 20E22



NEW PEKING VARIETY WITH EXCEPTIONAL AGRONOMICS

NEW

2.0 RM

- Complete defensive package with Rps 1k gene
- Strong SDS defense
- Strong IDC & White Mold protection
- Medium tall plant with upright branching
- Strong early season emergence

AGRONOMIC CHARACTE	ERISTICS			
Emergence				
Standability				
ĺ	2	3	4	5 (

POSITIONING & ADAPTABILITY					
Yield Score					
Light Soil					
Heavy Soil					
Stress Tolerance					
	1	2	3	4	5 (BE

PLANT HEALTH					
Iron Deficiency Chlorosis					
Phytophthora Root Rot					
Brown Stem Rot					
White Mold					
Sudden Death Syndrome					
	1	2	3	4	5

TP 25E22

NEW 2.5 RM



NEW PEKING VARIETY WITH RPS 1K

- Above average White Mold & IDC ratings
- Medium tall plant with very strong standability
- Excellent SDS tolerance
- Excellent Frog Eye tolerance

AGRONOMIC CHA	RACTER	RISTICS			
Emergence					
Standability					
	1	2	3	4	5 (BEST)

POSITIONING & ADAPTABILITY					
Yield Score					
Light Soil					
Heavy Soil					
Stress Tolerance					
	1	2	3	4	5 (

PLANT HEALTH					
Iron Deficiency Chlorosis					
Phytophthora Root Rot					
Brown Stem Rot					
White Mold					
Sudden Death Syndrome					
	1	2	3	4	5 (BEST



Following burndown, Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are labeled for preemergence and postemergence use with Enlist E3[®] soybeans.

Glyphosate	Glufosinate
/ • The two	ent proprietary blend of 2,4-D choline and glyphosate modes of action work together to deliver control of bbing weeds and help prevent resistance
 Provides herbicide 	goods 2,4-D choline with additional tank-mix flexibility additional tank-mix flexibility with Durango® DMA® , Liberty® herbicide and other qualified tank-mix products, for a customized weed control program to fit each farm
Application	 90% less drift than traditional 2,4-D 96% less volatile than 2,4-D ester

Bayer Company is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

B.t. products may not yet be registered in all states. Check with your representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

DroughtGard® Hybrids with RIB Complete® corn blend the refuge seed may not always contain DroughtGard®Hybrids trait.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready[®] 2 Technology contain genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate.

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

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LibertyLink® and the Water Droplet Design® are registered trademarks of BASF Corporation . Herculex® is a registered trademark of Dow AgroSciences LLC.



DuracadeViptera[™] and E-Z Refuge[®] are trademarks of a Syngenta Group Company.

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides.

More information about Duracade[™] is available at <u>http://www.biotradestatus.com/</u>.



Corn trait technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience LLC.

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Seeds containing the Enlist, Herculex and PowerCore traits are protected under numerous US patents. Seeds containing patented traits can only be used to plant a single commercial crop and cannot be saved or replanted. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements detailed therein (www.corteva.us/Resources/trait-stewardship.html). To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience. In consideration of the foregoing, Corteva Agriscience grants to the Grower the limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

Always read and follow herbicide label directions prior to use: Enlist[®] products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D[®] technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist[™] crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products. Enlist corn contains genes that confer tolerance to 2,4-D and -fop herbicides. 2,4-D and -fop herbicides will damage or kill crops that are not tolerant to 2,4-D or -fops.

IRM - Properly managing trait technology is key to preserving it as a long-term crop protection tool. Growers who fail to comply with IRM requirements risk losing access to this product. To help preserve the effectiveness of B.t. corn technologies, growers planting B.t. corn technologies are required to follow an IRM Plan. Consult the Corn Product Use Guide for appropriate refuge configuration options. Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Technology Use Agreement and Product Use Guide. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements. For complete details on IRM requirements for hybrids with Bt technology, including refuge examples and important information on the use of insecticides on refuge and Bt corn acres, please consult appropriate Product Use Guide. Go to <u>www.corteva.us/</u><u>Resources/trait-stewardship.html</u> to download the latest Corteva Agriscience Corn Product Use Guide.

Enlist E3® soybean seeds containing the Enlist® trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3® soybeans. Additional information and limitations on the use of these products are provided in the Corteva Agriscience Technology Use Agreement and Enlist® Soybean Product Use Guide. U.S. patents for Corteva Agriscience technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html.

Enlist Duo® and Enlist One® herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One 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 label directions. Enlist E3® soybeans were jointly developed by Corteva Agriscience and MS Technologies, LLC. ®™ Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Corteva Agriscience. PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto. Roundup®, Roundup Ready®, Roundup Ready 2 Technology and Design, and PowerCore® are registered trademarks of Monsanto Technology LLC. Liberty Link® and the Water Droplet Design® are registered trademarks of BASF. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.



