

# SOYBEAN RATINGS CHA

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	TRAIT	RM	PLANT HEIGHT	PLANT TYPE	PRR GENE	PRR SCORE	SDS	IDC	BSR	SWM	FROG EYE	STEM CANKER	<b>EMERGENCE</b>	STRESS TOLERANCE	STANDABILITY	SCN	SCN SCORE	CHLORIDE
Z00602E	E3	0.06	MT	Т	NG	7	6	6	9	6	6	-	8	7	7	SUS	1	-
Z00904E	E3	0.09	MT	В	RPS 3A	9	5	8	3	6	6	9	8	8	7	PI 88.788	9	-
Z0104E	E3	0.1	MT	M	RPS 3A	9	5	8	9	7	6	9	8	8	8	PI 88.788	9	-
Z0105E	E3	0.1	MT	M	RPS 3A	9	5	9	9	7	6	9	8	8	8	PI 88.788	9	-
Z0200E	E3	0.2	М	M	NG	6	6	8	3	5	6	9	9	7	7	PI 88.788	9	-
Z0305E	E3	0.3	MT	M	RPS 3A	9	5	8	9	6	6	9	8	8	7	PI 88.788	9	-
Z0505E	E3	0.5	MT	M	HRPS 3A	7	5	8	3	7	6	9	8	7	7	PI 88.788	9	Excluder
Z0504E	E3	0.5	MT	M	RPS 3A	9	5	8	9	7	6	9	8	7	7	PI 88.788	9	-
Z0605E	E3	0.6	M	M	RPS 1K+H3A	8	7	9	9	7	6	9	8	8	7	PI 88.788	9	
Z0701E	E3	0.7	MT	M	RPS 1C+3A	8	6	8	3	8	6	9	9	8	8	PI 88.788	9	-
Z0705E	E3	0.7	M	M	RPS 1C	7	5	7	3	6	6	9	8	8	7	Peking	9	_
Z0804E	E3	0.8	MT	M+	RPS 3A	9	8	7	9	6	6	9	8	8	7	Peking	9	_
Z0805E	E3	0.8	M	M	RPS 1C	7	5	8	9	6	6	9	8	7	7	PI 88.788	9	_
Z0905E	E3	0.9	MT	M	HRPS 1C	7	5	8	9	6	6	9	8	8	8	PI 88.788	9	_
Z1004E	E3	1.0	MT	M	RPS 3A	9	7	7	9	6	6	9	8	8	7	Peking	9	_
Z1101E	E3	1.1	M	M	NG	7	6	7	3	7	6	9	9	8	7	PI 88.788	9	_
Z1202E	E3	1.2	MT	M	RPS 1C	7	8	8	3	7	6	-	8	8	8	PI 88.788	9	Excluder
Z1304E	E3	1.3	MT	В	RPS 3A	9	7	8	3	6	6	9	8	8	6	PI 88.788	9	LACIUUCI
Z1304E	E3	1.3	MT	M	RPS 1C+3A	9	6	8	3	7	6	9	8	8	7	PI 88.788	9	-
Z1405E	E3	1.4	M	M	RPS 1C+3A	9	7	7	9	7	6	9	8	7	8	Peking	9	-
Z1411E	E3	1.4	MT	M	RPS 1K	7	6	7	9	8	6	9	9	7	9	PI 88.788	9	•
Z1411E	E3	1.4	M	M	RPS 3A	8	8	8	9	7	6	9	9	7	8	PI 88.788	9	-
Z1605E	E3	1.6	M	M	RPS 1C	8	7	7		7	6	9	8	6	8			-
Z1603E Z1702E	E3	1.7	MT	M	RPS 1C			6	9 7		6		8	8	5	PI 88.788	9	-
						8	8			5 7		-	_			PI 88.788	9	•
Z1805E	E3	1.8	MT	M	RPS 1K	8	7	8	3		6	9	8	8	8	Peking	9	Fld
Z1900E	E3	1.9	M	M	RPS 1C	7	5	8	9	7	6	-	9	8	8	PI 88.788	9	Excluder
Z1902E	E3	1.9	MT	M	RPS 1K	7	8	7	3	8	6	-	9	7	8	PI 88.788	9	-
Z2005E	E3	2.0	MT	M	RPS 3A	8	7	7	9	7	6	9	8	8	7	Peking	9	-
Z2104E	E3	2.1	MT	M	RPS 1C	8	7	7	9	6	6	9	8	8	6	PI 88.788	9	-
Z2105E	E3	2.1	MT	M	RPS 1A+3A	8	7	8	9	7	6	9	8	8	8	PI 88.788	9	-
Z2205E	E3	2.2	MT	M	RPS 1A	7	6	7	9	5	6	9	8	8	6	Peking	9	-
Z2300E	E3	2.3	MT	M	RPS 1K	7	7	7	9	7	6	9	9	8	8	PI 88.788	9	-
Z2305E	E3	2.3	MT	M	NG	8	7	7	9	7	6	9	8	8	7	Peking	9	-
Z2401E	E3	2.4	MT	M+	NG	7	6	8	9	4	9	9	9	8	5	PI 88.788	9	-
Z2604E	E3	2.6	MT	M	NG	7	6	7	3	5	6	9	8	8	6	PI 88.788	9	-
Z2605E	E3	2.6	MT	M	RPS 1K	8	7	6	9	6	9	9	8	8	7	Peking	9	-
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Z2805E	E3	2.8	MT	M+	NG	7	7	7	9	5	6	9	8	8	6	PI 88.788	9	-
Z2902E	E3	2.9	MT	M+	RPS 1K	8	6	7	3	6	6	-	8	7	8	PI 88.788	9	-
Z2905E	E3	2.9	MT	M	RPS 1K	8	7	7	3	6	9	9	8	7	7	Peking	9	-
Z3001E	E3	3.0	MT	M+	NG	8	7	7	9	7	7	9	9	8	9	PI 88.788	9	-
Z3104E	E3	3.1	MT	M	NG	8	6	6	3	6	7	9	8	8	7	PI 88.788	9	-
Z3203E	E3	3.2	MT	M	RPS 1C	7	6	6	3	6	6	9	7	7	7	PI 88.788	9	-
Z3305E	E3	3.3	MT	M+	NG	9	7	6	9	5	6	9	8	9	7	Peking	9	-
Z3501E	E3	3.5	MT	В	RPS 1K	7	7	7	9	7	5	9	8	8	7	PI 88.788	9	-
Z3505E	E3	3.5	MT	M+	NG	8	8	6	9	5	6	9	8	8	7	PI 88.788	9	-
Z3903SE	E3	3.9	MT	В	RPS 1C	7	6	6	3	4	7	9	7	8	6	PI 88.788	9	-
ZJJUJUL						8	7	6	3	5	8	9	8	8	7	PI 88.788		Excluder

**2** Zinesto™ Seed | www.zinestoseed.com



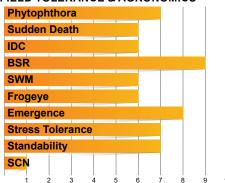


**HEIGHT:** Medium Tall PLANT TYPE: Thin

PHYTOPHTHORA GENE: NO GENE

SCN: SUS

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Strong yielder with good plant height and versatility!
- Jumps out of the ground in the spring and keeps pods up off the ground for harvest.
- Matures on time or early to beat the frost.
- SCN susceptible and no gene for Phytophthora protection.
- Excellent choice for HWY 2 and north! Medium-Tall plant with very little branching fits well going east and west out of the valley. Responds very favorably to Hefty Complete Soybean seed treatment and Alpha Complete in-furrow.
- Comes in earlier than the 00.6 maturity.



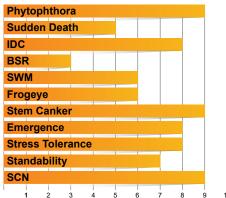


**HEIGHT**: Medium Tall PLANT TYPE: Bushy

PHYTOPHTHORA GENE: RPS 3A

SCN: PI 88.788

FIELD TOLERANCE & AGRONOMICS



#### PRODUCT NOTES

- Yield jump at 00.9!
- Taller product with productive lateral branching.
- Fills in the rows well even in wider rows.
- Soybean cyst nematode (SCN) resistant.
- RPS 3A resistance gene for phytophthora root rot (PRR) protection.
- Above average IDC protection and recovery.
- Stress-tolerant bean that works west of the Red River Valley and east into MN.
- Strong emergence and early vigor.
- Charcoal root rot tolerance is above average.



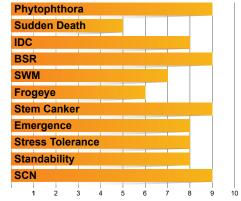


**HEIGHT**: Medium Tall **PLANT TYPE: Medium** 

PHYTOPHTHORA GENE: RPS 3A

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### PRODUCT NOTES

- Next-generation yield and performance!
- SCN as well as BSR (brown stem rot) resistance.
- Very strong phytophthora root rot (PRR) protection plus RPS 3A resistance.
- Well above average IDC protection.
- Excellent standability leads to strong white mold protection.
- Fast emergence.
- Very good stress tolerance.
- Scored very well on charcoal root rot tolerance.
- Good height and productive branches
- Handles soils in and out of the Red River Valley.



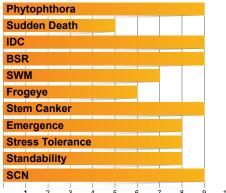


**HEIGHT:** Medium Tall PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 3A

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Top-yielding early Group 0 soybean!
- Best-in-class IDC tolerance!
- Excellent PRR protection with the Rps 3A gene and strong field tolerance.
- SCN protection is becoming a key attribute at this maturity and this variety has full resistance.
- Brown stem rot resistance.
- Combination of offense and defense will allow national placement.
- We've seen a nice response to a complete soybean seed treatment for improved protection from pythium and rhizoctonia, as well as insects.
- Very good standability is a key with this variety!

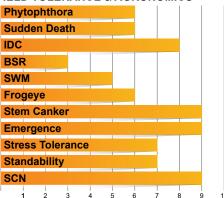




PHYTOPHTHORA GENE: NO GENE

**SCN:** PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



# PRODUCT NOTES

- Soybean Cyst Nematode protection and robust vields!
- Works in and out of the Red River Valley.
- Standability, emergence, and drought stress tolerance are all callouts.
- With the inclusion of the SCN resistant trait, this line is set for broad placement.
- Z0100E is a better choice in the heavy phytophthora pressure areas. Otherwise, this product delivers yield in high and low yielding environments
- Top bean in the HWY 2 corridor and north.



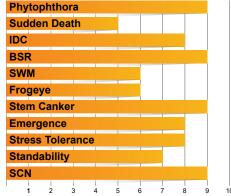


**HEIGHT**: Medium Tall PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 3A

**SCN:** PI 88.788

FIELD TOLERANCE & AGRONOMICS



- National line with the offense AND defense to fit on most acres.
- Very good stress tolerance!
- Moves north very well and dominates!
- Rps 3A gene for phytophthora protection along with excellent field tolerance
- SCN and BSR resistant.
- Above-average IDC tolerance will set you up for success even in variable ground.

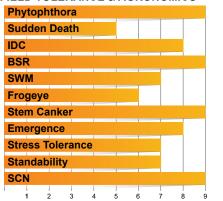




PHYTOPHTHORA GENE: RPS 3A

SCN: PI 88.788

#### **FIELD TOLERANCE & AGRONOMICS**



#### **PRODUCT NOTES**

- Taller bean with powerful stands!
- First-class yielder.
- Protected by resistance to SCN and BSR.
- Top level phytophthora package with field tolerance and the RPS 3A gene.
- Above average IDC tolerance allows placement in and out of the Red River Valley.
- Stress tolerance to handle all but the sandiest dryland soils.
- Responds well to intensive management.



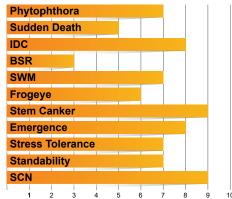


**HEIGHT:** Medium Tall **PLANT TYPE:** Medium

PHYTOPHTHORA GENE: HRPS 3A

SCN: PI 88.788

#### **FIELD TOLERANCE & AGRONOMICS**



#### **PRODUCT NOTES**

- Big, tall bean with a powerful yield profile!
- CHLORIDE EXCLUDER soybean that fits well in variable soils, under irrigation, and in fields with known salt issues.
- Above-average IDC protection.
- Strong phytophthora field tolerance with HRps 3A included
- Above-average performance in fields with sclerotinia white mold and charcoal root rot.
- This bean responds very well to a complete seed treatment package that includes natural products to enhance root growth and improve nutrient uptake.



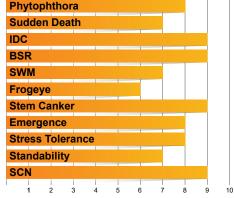


HEIGHT: Medium
PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 1K+H3A

SCN: PI 88.788

#### **FIELD TOLERANCE & AGRONOMICS**



#### **PRODUCT NOTES**

- Best-in-class IDC protection!
- Strong yielder with broad-acre placement potential.
- Stacked gene for phytophthora protection with excellent field tolerance.
- One of the better beans standing up against charcoal root rot and sudden death syndrome.
- Upright plant style with nice standability.
- Brown stem rot and SCN-resistant with very good stress tolerance.
- Use a complete soybean seed treatment for additional insect and disease protection.





**HEIGHT**: Medium Tall **PLANT TYPE**: Medium

PHYTOPHTHORA GENE: RPS 1C+3A

SCN: PI 88.788

# FIELD TOLERANCE & AGRONOMICS



# PRODUCT NOTES

- Big-acre stud! All-around top performer with yield, SCN resistance, two genes for phytophthora protection, and above average IDC tolerance.
- Brown stem rot is a watchout.
- Nationwide broad acre placement product with top vields and defense.
- Very consistent and stable line benefits from intensive management.
- Push your P & K rates and examine your fertility plan for opportunities.
- In-furrow programs with Alpha Complete and low rates of low-salt fertilizer showed even better root system development.



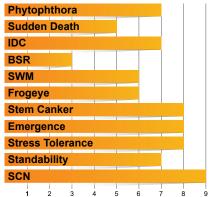


HEIGHT: Medium
PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 1C

SCN: PEKING

#### **FIELD TOLERANCE & AGRONOMICS**



#### **PRODUCT NOTES**

- PEKING SCN resistance! Protects against multiple strains of SCN, even those resistant to PI 88788.
- Strong yield data across the Dakotas and MN!
- Medium plant stature with good standability.
- Above-average IDC protection.
- Good phytophthora package with Rps 1C and above-average field tolerance.
- Watchout is brown stem rot, so avoid continuous soybean acres where BSR has been an issue.
- Use a complete seed treatment with 3-4 fungicides, insecticide, and naturals to enhance and protect the root system.



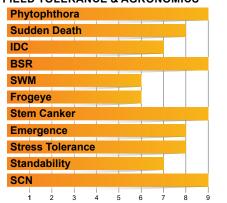


HEIGHT: Medium Tall
PLANT TYPE: Medium+

PHYTOPHTHORA GENE: RPS 3A

SCN: PEKING

# FIELD TOLERANCE & AGRONOMICS



- Big and rugged with massive yield potential!
- Taller bean with big, productive branches.
- Fills the row and then some.
- LOVES your high-yielding ground and a little extra potassium.
- PEKING SCN resistance gene provides extra protection.
- Fantastic phytophthora protection with RPS 3A and great field tolerance.
- Surprisingly good SDS tolerance for this maturity group.
- Handles stress and the tough ground.

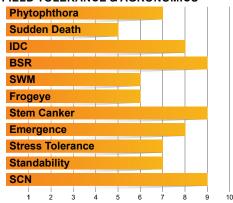




PHYTOPHTHORA GENE: RPS 1C

SCN: PI 88.788

FIELD TOLERANCE & AGRONOMICS



#### **PRODUCT NOTES**

- National line that fits on most acres with very good standability.
- Aggressive yielder with a solid defensive background
- BSR and SCN resistant.
- IDC is above average and a fit for all but the hottest acres.
- Phytophthora field tolerance is good, plus it has the 1C gene.
- Nice fit in and out of the Red River Valley.
- Very strong through central and southern North Dakota.



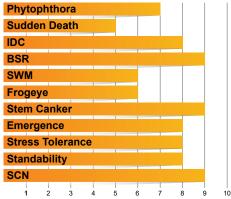


**HEIGHT**: Medium Tall PLANT TYPE: Medium

PHYTOPHTHORA GENE: HRPS 1C

SCN: PI 88.788

FIELD TOLERANCE & AGRONOMICS



#### PRODUCT NOTES

- Taller bean with top-notch standability!
- Key line for western MN and the eastern Dakotas.
- Very good IDC tolerance.
- BSR and SCN resistant.
- Very good stress tolerance.
- Does very well in high productivity fields.
- Stands out in the tougher ground!
- Healthy overall plant.



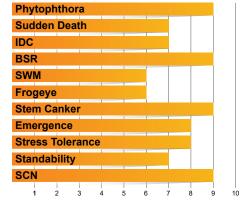


**HEIGHT**: Medium Tall **PLANT TYPE: Medium** 

PHYTOPHTHORA GENE: RPS 3A

SCN: PEKING

**FIELD TOLERANCE & AGRONOMICS** 



#### PRODUCT NOTES

- National line with all the goodies!
- Yields well in high and low yield environments.
- PEKING SCN resistance gene for improved security.
- Above average IDC tolerance.
- Handles stress very well.
- Fast emergence and strong early vigor.
- Powerful phytophthora protection package including RPS 3A gene.
- Performed well in charcoal root rot trials.
- Resistant to brown stem rot.



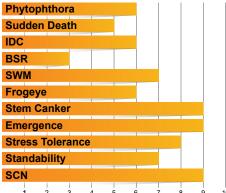


**HEIGHT:** Medium PLANT TYPE: Medium

PHYTOPHTHORA GENE: NO GENE

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



# **PRODUCT NOTES**

- Strong yields! High performer at 1.1 RM with SCN resistance and above average IDC tolerance.
- Handles stress well and emerges quickly.
- Loves high yield environments.
- Lacks resistance to BSR and phytophthora.
- Average standability.
- High yield potential product that should be on a ton of acres!
- Not enough defense for continuous soybean production in heavy disease pressure.
- Tolerant to STS herbicides.



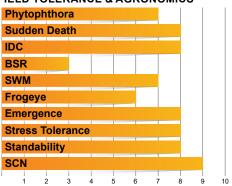


**HEIGHT:** Medium Tall PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 1C

**SCN:** PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



# **PRODUCT NOTES**

- SALT EXCLUDER! That means its tolerance especially to salt and to a lesser degree high pH soils is a step above the rest.
- You'll love this bean! All-around stud with top-end yield and great defense. Stands great and tackles SDS, PRR, and IDC.
- Brown stem rot susceptible.
- National placement line with the complete package of yield and defense. Push this one for yield with fertility and intensive management.
- Responds very well to Hefty Complete Seed Treatment and Alpha Complete.



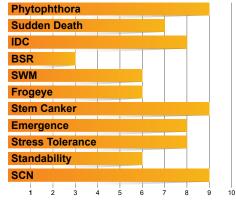


**HEIGHT**: Medium Tall PLANT TYPE: Bushy

PHYTOPHTHORA GENE: RPS 3A

**SCN:** PI 88.788

FIELD TOLERANCE & AGRONOMICS



- This is THE IDC BEAN for your high pH fields!
- Really good yields across environments.
- Big, bushy bean handles both heavy and light
- SCN-resistant.
- Quick canopy helps with weed control.
- RPS 3A phytophthora protection, as well as excellent field tolerance.
- Loves intensive management, and a little extra potassium makes a huge difference.

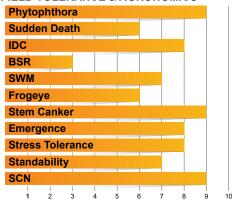




PHYTOPHTHORA GENE: RPS 1C+3A

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- One of the best full-field products you'll find!
- Great overall defensive package leads to consistency across all environments.
- Fast out of the ground.
- Very good stress tolerance.
- Excellent IDC tolerance.
- Excellent field tolerance to phytophthora root rot with a 3A + 1C stack!
- SCN-resistant.
- Taller plant with good standability.
- One of the best charcoal root rot tolerances we've seen.



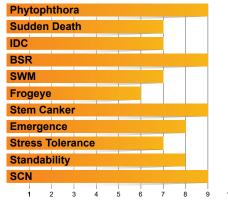


**HEIGHT:** Medium **PLANT TYPE: Medium** 

PHYTOPHTHORA GENE: RPS 1C+3A

SCN: PEKING

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Excellent 1-2 punch with Z1502E.
- As close to a complete defensive package as you will find!
- PEKING SCN resistance is noticeably better in the field
- IDC tolerance is above-average.
- 3A/1C stack for phytophthora root rot with excellent field tolerance.
- Resistant to BSR, SCN, and frogeye leaf spot
- Takes advantage of late-season rains with numerous top-node pods.
- Broad-acre placement.



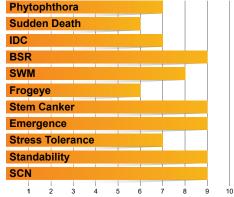


**HEIGHT:** Medium Tall **PLANT TYPE: Medium** 

PHYTOPHTHORA GENE: RPS 1K

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- National placement line with a strong all-around package!
- White mold tolerance is very good.
- Taller bean with very good standability.
- BSR and SCN resistant.
- Fits almost everywhere except the hot IDC fields.
- Strong defensive package leads to consistency in the field.
- Responds well to intensive management, including Alpha Complete in-furrow.



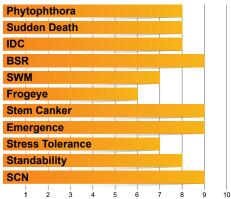


**HEIGHT:** Medium PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 3A

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



# **PRODUCT NOTES**

- Complete bean! Fantastic agronomic package with standability, fast emergence, stress tolerance, defense, and yield!
- Great phytophthora and SDS protection. Handles IDC well. BSR, stem canker, and SCN resistant.
- National placement line.
- Nice defensive partner for Z1702E, but it carries some good yield punch, too. Very good response to in-furrow additions like Alpha Complete.
- Use a complete seed treatment.



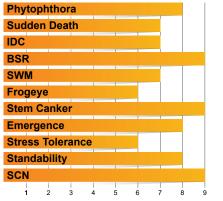


**HEIGHT**: Medium PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 1C

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Clean, healthy plant.
- Strong yielder with advantage over competitors in tough areas of fields.
- Very good field tolerance to phytophthora plus the 1C gene
- SCN and BSR resistant.
- Strong standability.
- Good level of white mold tolerance.
- Very good tolerance to charcoal root rot.
- Great fit for variable ground.
- Good level of SDS tolerance.



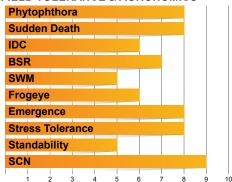


**HEIGHT**: Medium Tall **PLANT TYPE: Medium** 

PHYTOPHTHORA GENE: RPS 3A

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



- Absolute powerhouse! National placement bean that just yields everywhere.
- Great phytophthora and SDS protection! Handles stress very well. White mold tolerance is average. Good, but not great on IDC and BSR.
- You definitely want this bean in your crop plan. It fits on the high-yielding ground well, but it also performs in the lower-yielding soils versus the competition.
- Lateral branches will load with pods and leaves. Plant in lower populations. Benefits from fungicide. Load up on P & K, as more pods will demand more nutrients. Complete seed treatment is a must, and Alpha Complete looks good in the furrow. too.

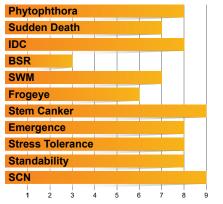




PHYTOPHTHORA GENE: RPS 1K

SCN: PEKING

FIELD TOLERANCE & AGRONOMICS



#### **PRODUCT NOTES**

- Rare bean that checks almost all the boxes!
- Top-end yielder.
- PEKING SCN resistance.
- Excellent standability.
- Good white mold tolerance.
- Handles stress well.
- Fast out of the ground.
- Good SDS tolerance.
- Phytophthora defense with 1K gene and very good field tolerance



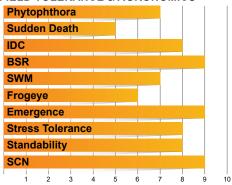


**HEIGHT:** Medium PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 1C

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- SALT EXCLUDER! That means its tolerance especially to salt and to a lesser degree high pH soils is a step above the rest.
- Great performance across Minnesota and beyond.
- BSR and SCN resistant.
- Very good standability
- Use a seed treatment like Saltro and some Soygreen in furrow, and you've got an almost unbeatable recipe for the tough ground.
- It also has some pretty powerful yield data in the good ground!



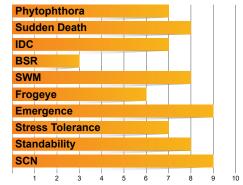


**HEIGHT**: Medium Tall **PLANT TYPE: Medium** 

PHYTOPHTHORA GENE: RPS 1K

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Killer yield! Solid agronomics to protect that yield with good phytophthora, SCN, and SDS protection. Good plant height and standability.
- Fast out of the ground! National line.
- No gene for BSR protection.
- Massive yielder with enough defense to place this on a ton of acres! Avoid known brown stem rot fields and continuous soybeans if BSR is a concern. Push the fertility, as this bean will respond. Alpha Complete in-furrow, plus foliar fungicides for white mold protection and overall plant health are wise investments for this product.





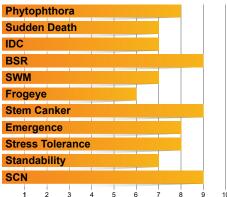
10

**HEIGHT:** Medium Tall PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 3A

SCN: PEKING

**FIELD TOLERANCE & AGRONOMICS** 



# **PRODUCT NOTES**

- New yield champ!
- **PEKING SCN resistance**
- Topping trials across MN/IA/IL and beyond.
- Resistant to BSR (brown stem rot).
- Above-average IDC tolerance.
- Good standability
- Phytophthora protection with 3A gene and very good field tolerance.
- Above-average SDS tolerance.



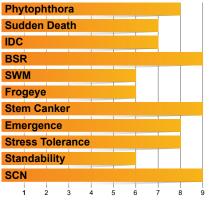


**HEIGHT**: Medium Tall PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 1C

**SCN:** PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Yield, Yield, Yield!
- Runs away in yield trials with top-end potential. Loves intensive management.
- Responds very well to additional potassium applications and higher K base saturations.
- Stress tolerance is remarkable for a bean at this yield level.
- Above average tolerance to high pH and IDC. BSR-resistant.
- Handled charcoal root rot well in trials.
- Emergence is very good, but becomes excellent with a complete seed treatment.
- RPS 1C gene spreads your risk by diversifying your phytophthora protection.



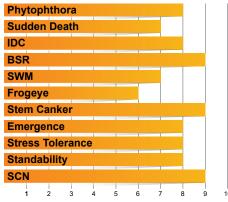


**HEIGHT**: Medium Tall PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 1A+3A

**SCN:** PI 88.788

FIELD TOLERANCE & AGRONOMICS



- Clean, healthy bean.
- Fits low-yield areas and highly productive soils too!
- Taller bean with great standability.
- Phytophthora gene stack with 1A + 3A.
- BSR and SCN resistant
- Very good charcoal root rot tolerance.
- Above-average white mold tolerance.

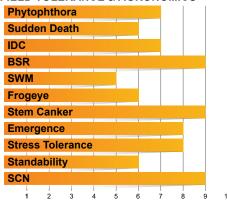




PHYTOPHTHORA GENE: RPS 1A

SCN: PEKING

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- PEKING SCN protection.
- Racehorse yielder without defensive baggage.
- Multiple-year success in yield trials.
- Shines in South Dakota!
- Avoid the white mold acres.
- Benefits from Saltro/ILeVO plus a complete seed treatment.



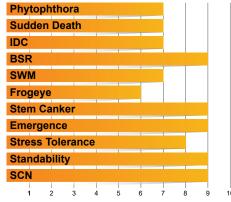


**HEIGHT:** Medium Tall **PLANT TYPE: Medium** 

PHYTOPHTHORA GENE: RPS 1K

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Defensive MVP!
- Hard to find a fault with this one.
- Broad acre placement in its maturity zone and north.
- Excellent bean for variable planting as it fits almost every weakness other varieties have.
- Very good white mold tolerance.
- Strong yielder.
- National product.
- Benefits from a complete seed treatment and showed a very nice root system improvement with Alpha Complete in-furrow.



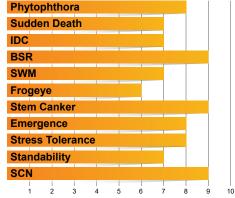


**HEIGHT:** Medium Tall **PLANT TYPE: Medium** 

PHYTOPHTHORA GENE: NO GENE

SCN: PEKING

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- PEKING SCN protection.
- Great yields plus key defensive components.
- Pairs up well with Z2205E.
- Fits on your best ground and has enough toughness to handle the poor soils, too.
- Clean, healthy bean.
- BSR (brown stem rot) resistant.
- No gene for phytophthora, but has strong field tolerance
- Good standability and above-average white mold tolerance.



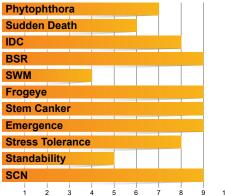


**HEIGHT**: Medium Tall PLANT TYPE: Medium+

PHYTOPHTHORA GENE: NO GENE

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Yield Monster! National placement line.
- Frogeye resistance.
- Handles IDC very well. BSR and SCN resistant. Big acre bean!
- Tends to lean, although it is normally not a harvest time problem. PLANT AT A LOWER POPULATION.
- Falls short on SDS, so use Saltro.
- Avoid white mold areas.
- Potassium is key for standability and yield.



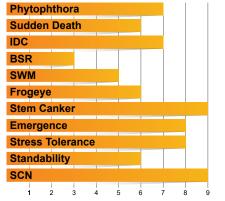


PLANT TYPE: Medium

PHYTOPHTHORA GENE: NO GENE

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- National line with powerful yields! Tolerance to sulfonylurea herbicides gives you
- added weed control options. Performs very well even on high pH and IDC-
- prone soils. Handles stress and keeps its height and plant
- Responds well to intensive management.
- Strong early vigor and emergence.
- Loves high potassium fields and applied potassium.
- Use a complete seed treatment.
- Great candidate to try Xyway at planting.



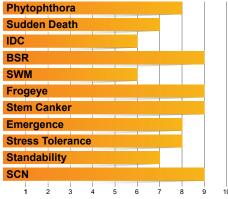


**HEIGHT**: Medium Tall **PLANT TYPE: Medium** 

PHYTOPHTHORA GENE: RPS 1K

SCN: PEKING

**FIELD TOLERANCE & AGRONOMICS** 



- Raw yield! Just tons of yield!
- **PEKING** SCN resistance.
- Fits all soil types
- Good standability
- Handles low yield environments.
- Excels in high yield environments.
- BSR-resistant.
- 1K gene for PRR with good field tolerance.
- Good SDS tolerance.
- IDC is below-average this is a better fit on low to moderate pH ground.

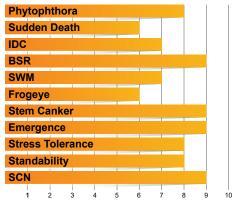




PHYTOPHTHORA GENE: RPS 1K

SCN: PI 88.788

FIELD TOLERANCE & AGRONOMICS



#### PRODUCT NOTES

- National line with yield, standability, and great defense.
- Plant-to-plant uniformity that's tough to beat.
- No real weaknesses with this product. If you aren't going to push for top yields, plant something else. It has the top end worth pursuing.
- Fast canopy closure helps with weed control, moisture retention, and sunlight capture



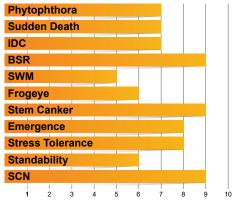


**HEIGHT:** Medium Tall PLANT TYPE: Medium+

PHYTOPHTHORA GENE: NO GENE

SCN: PI 88.788

FIELD TOLERANCE & AGRONOMICS



#### PRODUCT NOTES

- Straight-up yield play.
- SCN and BSR resistant.
- Average on SDS and IDC.
- White mold is a watchout.
- Plant at a lower population to improve standability.
- Push this with fertility.
- Fast emergence and strong stress tolerance.
- TOLERANT TO STS HERBICIDES.
- Fills the rows fast.



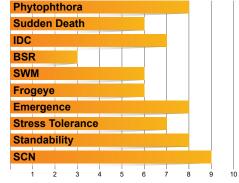


**HEIGHT**: Medium Tall PLANT TYPE: Medium+

PHYTOPHTHORA GENE: RPS 1K

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Big step up in yield! This national placement line really packs a yield punch.
- Tall bean with good width and standability fits across most soil types and planting populations. Strong phytophthora protection and stress
- Average SDS protection. BSR susceptible.
- Push P and K for the top-end yield. Handles stress and variable soils well, and can branch out enough to handle lower populations where needed.
- Benefits a complete seed treatment, as well as Saltro or ILeVO in SDS fields.
- Alpha Complete in the furrow is recommended, as well as a foliar fungicide in the R2-R3 timing.



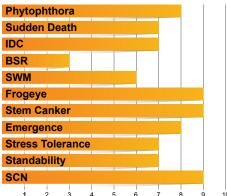


**HEIGHT:** Medium Tall PLANT TYPE: Medium

PHYTOPHTHORA GENE: RPS 1K

SCN: PEKING

**FIELD TOLERANCE & AGRONOMICS** 



# **PRODUCT NOTES**

- Strong bean with performance across multiple soil types and geographies.
- Gorgeous bean with very good standability.
- PEKING SCN resistance.
- Above-average SDS tolerance.
- Good field tolerance to phytophthora root rot plus the 1K resistance gene.
- Fast emergence.
- Plant this bean first on your farm!



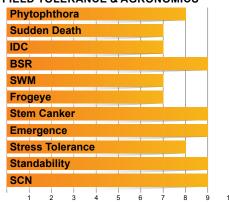


**HEIGHT**: Medium Tall PLANT TYPE: Medium+

PHYTOPHTHORA GENE: NO GENE

**SCN:** PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



# **PRODUCT NOTES**

- National placement line with a defensive package to handle almost any situation.
- Stands like a tree and yields extremely well!
- With a defensive package like this, there's almost nothing holding it back but getting enough plant food at the right time and keeping it growing fast.
- Fast emergence and early canopy closure.
- Maintains height well on hilly acres.
- Moderate plant height and extremely consistent vield make this a leader for variable soils.



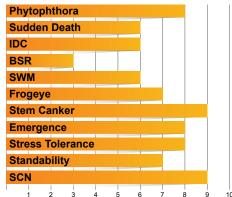


**HEIGHT**: Medium Tall PLANT TYPE: Medium

PHYTOPHTHORA GENE: NO GENE

**SCN:** PI 88.788

FIELD TOLERANCE & AGRONOMICS



- National line that just keeps winning trials!
- Taller bean with good standability.
- Best-in-class phytophthora root rot tolerance.
- Stress tolerance works well across the country.
- Very strong emergence and early vigor.
- Use a complete seed treatment.
- Handles the tougher ground.
- Loves your best ground and intensive management.
- Just a fun bean to grow!

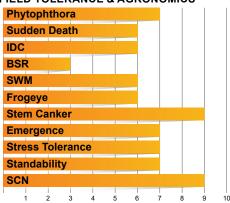




PHYTOPHTHORA GENE: RPS 1C

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Dominant yielder! Great broad acre placement potential! Defensive package with yield punch to make it a standout in the maturity! Brown stem rot susceptible
- Responds very well to increased fertility and the application of beneficial microbes/naturals. Use foliar fungicides for added protection against frogeye and other diseases. Not your best choice for continuous soybeans if BSR is a concern or in heavy SDS fields (without adding Saltro/ILeVO). Use a complete seed treatment.



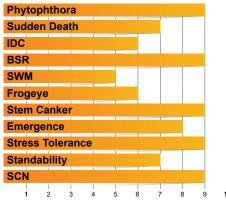


**HEIGHT:** Medium Tall PLANT TYPE: Medium+

PHYTOPHTHORA GENE: NO GENE

SCN: PEKING

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Home run hitter at a 3.3 relative maturity!
- Outstanding yield performance!
- PEKING SCN resistance.
- Very good standability.
- Strong emergence and early vigor.
- Handles stress like a champ.
- Excellent field tolerance to phytophthora root rot.



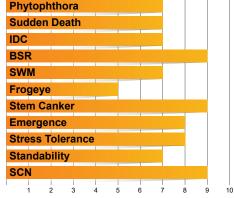


**HEIGHT**: Medium Tall **PLANT TYPE:** Bushy

PHYTOPHTHORA GENE: RPS 1K

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Homerun product! Yields very, very well.
- Impressive plant with good height, width, and harvest time standability.
- Very good SDS tolerance and emergence.
- Handles stress very well.
- Frogeye tolerance is a watchout.
- Plant this product early and often. Big time yielder with a solid overall defense.
- Tall and bushy plant can handle lower populations and stress as it fills in the rows quickly. Push the fertility with P & K and utilize microbials like Alpha Complete

in-furrow to help build the roots and feed the pods.



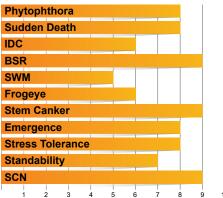


**HEIGHT**: Medium Tall PLANT TYPE: Medium+

PHYTOPHTHORA GENE: NO GENE

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



# **PRODUCT NOTES**

- National line with yield power!
- Stands like a big, bushy tree
- Clean, healthy plant.
- Resistant to BSR, SCN, and stem canker.
- Best-in-class SDS tolerance.
- Handles charcoal root rot well.
- Strong field tolerance to phytophthora.
- Holds up well under stress.
- Fast emergence and strong early vigor.



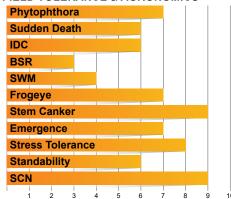


PLANT TYPE: Bushy

PHYTOPHTHORA GENE: RPS 1C

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



#### **PRODUCT NOTES**

- Big-bodied product with extremely high-end yield potential! Very good frogeye tolerance
- Fast canopy closure due to the tall, wide plant type
- Susceptible to brown stem rot.
- Highly recommended for double crop or drought-prone acres. This is also a great fit for high-management systems with high yield expectations.
- Responds well to Saltro/ILeVO for SDS, along with a complete seed treatment.
- Tolerant to STS herbicides.



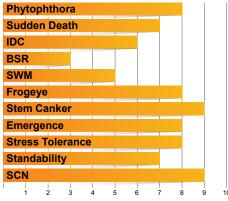


**HEIGHT**: Medium Tall PLANT TYPE: Medium+

PHYTOPHTHORA GENE: RPS 1A+3A

SCN: PI 88.788

**FIELD TOLERANCE & AGRONOMICS** 



- All-around winner!
- CHLORIDE EXCLUDER.
- Phytophthora stack with 1A and 3A genes.
- Handles frogeye and target spot very well.
- Resistant to SCN and stem canker.
- Fills the rows well to choke out weeds. Big yields across a wide geography.
- Good SDS and overall stress tolerance.

#### PRODUCT USE STATEMENT

Enlist E3® soybeans contain the Enlist E3 trait that provides crop safety for over-the-top applications of glyphosate, glufosinate and 2,4–D choline herbicides featuring Colex-D® technology when applied according to label directions. 2,4–D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist E3 soybeans. Following burndown, Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use with Enlist\* crops. Consult Enlist\* herbicide labels for weed species controlled. Enlist Duo and Enlist One herbicides are not registered for use or sale in all states and counties, are not registered in AK, CA, CT, HI, ID, MA, ME, MT, NH, NV, OR, RI, UT, VT, WA and WY; and have additional subcounty restrictions in AL, GA, TN and TX, while existing county restrictions still remain in FL. All users must check "Bulletins Live! Two" no earlier than six months before using Enlist One or Enlist Duo. To obtain "Bulletins," consult epa.gov/espp/, call 1-844-447-3813, or email ESPP@epa.gov. You must use the "Bulletin" valid for the month and state and county in which Enlist One or Enlist Duo are being applied. Contact your state pesticide regulatory agency if you have questions about the registration status of Enlist® herbicides in your area. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO USE ANY PESTICIDE PRODUCT OTHER THAN IN ACCORDANCE WITH ITS LABELING. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USE IN THE STATE OF APPLICATION. USE OF PESTICIDE PRODUCTS, INCLUDING. WITHOUT LIMITATION. 2.4-D-CONTAINING PRODUCTS NOT AUTHORIZED FOR USE WITH ENLIST CROPS. MAY RESULT IN OFF-TARGET DAMAGE TO SENSITIVE CROPS/AREAS AND/OR SUSCEPTIBLE PLANTS. IN ADDITION TO CIVIL AND/OR CRIMINAL PENALTIES. Additional product-specific stewardship requirements for Enlist crops, including the Enlist Product Use Guide, can be found at www.traitstewardship.com.

Not all herbicides are registered for sale or use in all states or counties in the United States or all provinces in Canada. Contact your local regulatory agency to determine if a product is registered for sale or use in your area. Always read and follow label directions.

#### ACCIDENTAL APPLICATION OF INCOMPATIBLE HERBICIDES TO THIS VARIETY COULD RESULT IN TOTAL CROP LOSS.

#### YOU MUST SIGN A TECHNOLOGY USE AGREEMENT AND READ THE PRODUCT USE GUIDE PRIOR TO PLANTING.

The technology incorporated into this seed is protected under one or more U.S. patents which can be found at: www.traitstewardship.com.

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#### SEED USE RESTRICTION AGREEMENT

This Seed Use Restriction Agreement (the "Agreement") applies to all users ("User(s)") of the seed ("Seed") contained in this package. If you purchase the Seed, you agree that you and any person or entity, including employees, representatives, contractors and agents thereof, who plant, grow, cultivate or otherwise use the Seed, will abide by these use restrictions. If you open or cause any person or entity to open a package of Seed, you agree that you accept the terms of this Agreement, and you, your employees, representatives, contractors and agents will abide by these use restrictions.

M.S. Technologies, L.L.C. ("MS TECH") and its suppliers are engaged in the business of developing and supplying for sale various varieties and/or hybrids of Seed. MSTECH and its suppliers have a substantial investment and expended substantial effort in the development and production of this seed, and in the use of subsequent production of Seed. MS TECH and its suppliers have existing contractual relationships with other distributors for the sale of seed and expectations of additional contracts for sale of seed from such distributors in the future. The purchase of the Seed includes a limited license to produce a single crop under MS TECH property rights, including (where applicable) certain U.S. patents which can be found on the package and

In consideration of the foregoing, and in consideration of the Seed that User has been sold or otherwise granted the right to use, User hereby acknowledges and agrees that the production from the Seed will be used only for feed or processing, and unless USER has an agreement for such purposes, Seed and plants produced from Seed will not be used or sold for seed, breeding, or any variety or hybrid development or improvement purposes; these restrictions apply to all plants produced from Seed, including without limitation variant and inbred plants and Seed that may be contained in this package or grown from Seed. User acknowledges MSTECH and its suppliers have a proprietary interest in the use of subsequent production from the Seed, and agrees it would be a violation of this Agreement to allow the subsequent production of the Seed to be used to create any seed variety or seed product from said production. Any export of this Seed or its progeny from the country of purchase is strictly prohibited, except that forage or grain may be exported solely for use in feeding or processing.

User agrees and acknowledges that any use of the Seed, which is forbidden by this Agreement, will constitute a misappropriation of the property of MS TECH and its suppliers and will therefore result in a breach of this Agreement. User agrees that MS TECH and/or its suppliers may bring an action to recover damages as a result of the breach of this Agreement, along with reasonable attorney fees and costs associated with any action commenced in regard thereto. User further agrees that the exclusive venue for any dispute arising under this Agreement or in connection to any breach thereof shall be in the federal or state courts for Dallas County, Iowa, and hereby irrevocably consents to the personal jurisdiction of such courts. This Agreement shall be governed under the laws of the State of Iowa.

User agrees and acknowledges that any use of the Seed, which is forbidden by this Agreement, will damage MS TECH and its suppliers' legitimate expectation of future sales of seed, and any use of Seed in violation of this Agreement will constitute an attempt to intentionally injure or destroy MS TECH and its suppliers' prospective business expectations in future sales of seed.

User agrees and acknowledges that any use of Seed from MSTECH in violation of this Agreement will cause substantial damage to MSTECH and/or its suppliers, and that if subsequent production of the Seed is used to create a seed variety or seed product, substantial damage to MS TECH and/or its suppliers for all seed varieties or seed products thereby created will be caused. This Agreement shall not limit any other rights, legal or equitable, that MS TECH and its suppliers have but shall be

User agrees to only use agricultural herbicides that are expressly labeled for use in conjunction with the Seed and have received government approvals as specified in a product use guide.

Under the seed laws of several states, arbitration, mediation or conciliation is required as a prerequisite to maintaining a legal action based upon the failure of seed to produce as represented. The consumer shall file a complaint along with the required filing fee (where applicable) with the Commissioner/Director/Secretary of Agriculture, Seed Commissioner, or Chief Agricultural Officer within such time as to permit inspection of the crops, plants or trees by the designated agency and the seller from whom the seed was purchased. A copy of the complaint shall be sent to the seller by certified or registered mail or as otherwise provided by state statute.

#### OTHER TERMS & CONDITIONS

For sale in the U.S. only. MS TECH assumes no responsibility for MS TECH's suppliers, distributors or dealers verbal and/or written claims, promises, warranties or actions which are contrary to MS TECH's normal operating policies. USER must notify MS TECH within fourteen (14) days of becoming aware of alleged issues regarding the quality or performance of the Seed.

MS TECH warrants, to the extent of the purchase price and to the extent that the packaging and label have not been compromised, that the Seed is as described on the package and on the tag attached thereto within recognized tolerances. MS TECH gives no other WARRANTY, expressed or implied, of MERCHANTABILITY or FITNESS of the Seed for any particular purpose, nor any warranty against loss due to any cause, including environmental conditions, soil conditions, chemicals or farming practices, or the response of the Seed to any such conditions. MS TECH shall not be liable for indirect, incidental or consequential damages, including loss of profits. MS TECH'S LIABILITY for damages for any cause, including breach of contract, breach of warranty, and negligence, with respect to the sale of seed is LIMITED to the purchase price of the Seed. THIS REMEDY IS EXCLUSIVE. BY ACCEPTANCE OF THIS SEED OR OPENING THIS PACKAGE, USER ACCEPTS THE TERMS HEREIN. IF USER DOES NOT AGREE WITH THESE TERMS AND CONDITIONS, USER MUST RETURN THE ORIGINAL UNOPENED SEED PACKAGE TO MS TECH WITHIN TWENTY DAYS OF RECEIPT AND USER'S SOLE REMEDY SHALL BE FOR REFUND OF THE USER'S ORIGINAL PURCHASE PRICE. MS TECH may modify and amend the terms and conditions of this Agreement without notice and in its sole discretion.

MS TECH has utilized standard industry isolation and purity procedures in the production of seed products. Because of contamination factors beyond MS TECH's control, MS TECH cannot warrant or represent that MS TECH seed products are free of other transgenic corn traits or transgenic soybean traits. Words and phrases herein shall be construed as in the singular or plural number, according to the context.

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