

HEFTY[®] SEED COMPANY



2024

SEED GUIDE



HEFTY SEED COMPANY

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Hefty Brand Seed is one of the nation's fastest-growing brands! Thanks for your interest in Hefty for your farm's next crop. We know you have many options when it comes to seed, and we're confident we've got competitive hybrids and varieties in the traits you're looking for.

Add to that the best technology in the seed treatment industry that we offer in our Hefty Complete Seed Treatment package. We encourage you to read more about all the components that are going onto the seed to add more value and protection for your next crop. It's exciting, unique to Hefty, and a tremendous advantage for you. Your seed will emerge faster. There's just no question about that. You'll love the results at harvest too!

THANKS AGAIN FOR YOUR TRUST AND CONFIDENCE IN HEFTY BRAND SEED. WE'RE EXCITED TO WORK WITH YOU THROUGHOUT THE SEASON TO HELP YOU IN ANY WAY WE CAN.

- Brian and Darren Hefty

WE'RE COMMITTED TO GIVING YOU THE BEST SEED AND YIELD POTENTIAL POSSIBLE.

Our desire to lead the industry in seed quality, yield potential and plant health are only a few of the things that add up to more profit per acre for you when you plant Hefty Brand Seed.

BEST GENETICS.

We pick elite genetics from the best the industry has to offer. Our deep relationships with the largest breeders and genetic suppliers in the industry put you in the best position for high yield. Plus! We bring in new, high yielding genetic lines quicker than the bigger companies that get caught up in the name recognition of popular lines.

AGRONOMIC TRAINING.

The training program we use for our agronomists is led by Brian and Darren Hefty, and it is unmatched by anyone in the industry. If better agronomic recommendations add up to a cost savings you never knew existed, you may save a few dollars per acre. If incredibly good recommendations result in a few more bushels per acre, you'll add profit by the thousands!

SEED QUALITY.

While no seed lot is going to be perfect, we often get pretty close. When it comes to our soybean seed production, we have one of the most restrictive seed grower contracts that we know of in the industry. All our seed growers adhere to the highest fertility, seed treatment, herbicide, insecticide and plant health standards.

For Hefty Brand Corn seed quality decisions, each experimental number is tested in multiple plots across the country. Strengths, weaknesses, and performance metrics are logged, analyzed, and replicated before the hybrid ever comes to you. Coupled with the fact that all Hefty Brand Corn is treated with industry-leading Hefty Complete Corn Seed Treatment, our hybrids result in great seed for the best chance at high yields and more profits on your farm.

NEWEST TRAITS.

Just check out our seed guide. We're able to test and research potential new traits early, resulting in quicker access to new traits for you.



Find out more by contacting your local agronomist or call **1-800-274-3389** or visit **HEFTYSEED.COM**

YIELD RESULTS PROVE



Hefty Complete Corn Seed Treatment is our proprietary blend of fungicides, insecticide, and Hefty Naturals containing over 37 active ingredients proven to increase your net income.

ETHABOXAM FUNGICIDE

An exciting active ingredient that is producing significantly enhanced control of pythium and other diseases. Pythium is often corn's number one enemy in cold, wet soils. We see up to a 9-bushel advantage in corn with ethaboxam.

HEATSHIELD

Heat Shield contains 6 beneficial fungi. Heat Shield lives inside plants, changing the plant's water balance and increasing tolerance to heat, cold, and salt.

REMAINING COMPONENTS

are a proprietary blend of more than 26 biologicals. Depending on your soil conditions, this combination can help you in a number of ways. We have seen higher levels of N, P, & K in plants, as well as better plant health through challenging environmental conditions. Our data is showing this boosts yield by 10+ bushels.

INSECTICIDE

Protects the seed and seedling from early season insect pressure such as seed corn beetles, seed corn maggots, and wireworms to help give your plant a strong start to the season.

FOUNDATIONAL FUNGICIDES

In addition to ethaboxam, Hefty Complete includes another fungicidal package with a track record of success protecting seedlings from soil and seedborne diseases such as pythium, fusarium, and rhizoctonia.

HEFTY COMPLETE

COMPETITOR

VISIT HEFTYSEED.COM TO LEARN MORE ABOUT HEFTY COMPLETE



FASTER EMERGENCE

ADVANTAGES OF HEFTY COMPLETE CORN



FASTER EMERGENCE

The longer your crop has to grow and mature after emergence, the higher your yield potential. In all of our trials, corn treated with Hefty Complete comes out of the ground 10 GDUs faster than standard treatments. Especially earlier in the season during cool days when GDU accumulates more slowly, this can mean emerging days faster, giving your crop more time to fully develop, unlocking your yield potential.

BETTER COLD TOLERANCE

Consistency in plant height allows for equal competition between plants, and that carries through for plant development all year. Plants that emerge later often remain a crop stage or two behind, and you can see the difference in stalk diameter and strength all throughout the season and past harvest. Also, late-emerging corn plants won't make a full ear, and plants on either side of the late-emergers can't make up for that yield loss.

BROADEST-SPECTRUM DISEASE PROTECTION AND STRESS TOLERANCE

Two components of Hefty Complete Corn that boost your crop's defenses are Heat Shield and ethaboxam fungicide. Heat Shield contains 6 microbes that improve the plant's tolerance to both cold soils and heat, as well as drought conditions. In addition to the protective benefits provided by the standard fungicides in Hefty Complete, ethaboxam grants a significant improvement of disease protection, especially in cold, wet soils.



HEFTY COMPLETE

COMPETITOR



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CORN TREATED WITH HEFTY COMPLETE LEADS TO:

- Faster emergence
- Increased stand count
- Greater disease protection
- Better cold tolerance
- Better pythium control
- Increased root mass
- More nutrient uptake
- Better drought tolerance

HOW MANY SEED TREATMENTS DOES YOUR CORN HAVE?

HEFTY BRAND CORN COMES STANDARD WITH 37 TREATMENTS

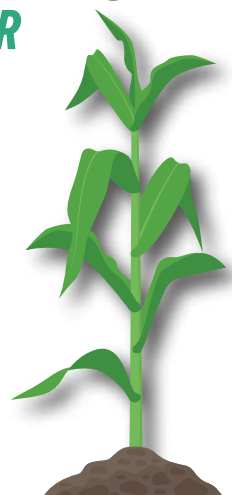
7*
NK



9**
PIONEER



37



HEFTY CORN

*2023 CruiserMaxx Corn 250 **2023 LumiGEN Standard Corn Rootworm Package



PHOTO:

Left side - **Competitor**

Right side - **Hefty Brand 40 Series Corn**

Both corn hybrids were planted at
40 degree soil temp.

40
SERIES
CORN
PLANT US FIRST



**INTRODUCING THE
FIRST CORN SEED DESIGNED
FOR HIGH PERFORMANCE
IN SOIL TEMPERATURES
AS LOW AS 40 DEGREES!**

Hefty Brand 40 Series Corn has several features which will lead to top yields, even when planted in exceptionally cold soils.

HEFTY COMPLETE SEED TREATMENT

With 37 components to help your crop excel in a wide variety of field conditions, Hefty Complete Corn Seed Treatment means **faster emergence for you.**

Hefty Complete Corn has been shown to speed corn emergence by up to 20% versus standard treatments. This comprehensive treatment increases cold tolerance, encourages greater nutrient uptake, and provides protection against diseases and insects – important factors to consider when planting in cold soils.



HIGH COLD GERMINATION SCORES.

Look on the seed tag from any company. While the warm germination score is listed, no company we know of lists or guarantees a high **COLD GERMINATION PERCENTAGE**. Since the warm germination test is typically run at 77 degrees in the lab, that score isn't very helpful when it comes to planting in 40-degree soils.

DON'T WAIT!

We are so confident in our 40 Series Corn hybrids, we back them up with a free replant policy!

Talk to your Hefty Agronomist for the full details of our program, but as long as you are planting after the first crop insurance date in your area and when the soil is dry enough to plant, we'll back you up. Ideally, we would also love to see you use an insecticide in-furrow or T-banded, as well as applying a fungicide in-furrow, as both of these treatments typically improve cold soil stands and yields, but neither is a requirement for our free replant policy.



THE BEST GENETICS WITH GOOD EARLY VIGOR.

While it's true that we pick hybrids based primarily on yield, we go one step further and select those with good early emergence scores. **We know early planting is important to you, and it typically leads to more bushels.**



WHEN TO PLANT 40 SERIES CORN

- 1. PLANT 40 SERIES CORN FIRST ON YOUR FARM.**
- 2. PLANT 40 SERIES CORN WHEN IT'S COLD OR WARM.**
- 3. PLANT 40 SERIES CORN IF THE FORECAST LOOKS BAD.**
- 4. PLANT 40 SERIES CORN EVEN IF SOMEONE SAYS IMBIBITIONAL CHILLING WILL DAMAGE YOUR SEED.**
- 5. PLANT 40 SERIES CORN WHEN OTHER SEED COMPANIES SAY IT'S TOO COLD TO PLANT.**
- 6. PLANT 40 SERIES CORN WITH CONFIDENCE!**



CORN HYBRID COMPARISON CHART

AGRONOMICS

DISEASE TOLERANCE

Hefty Brand	Trait	Maturity	GDU to Mid Pol	GDU to Black Layer	Pol for Maturity	Ear Flex	Cob Color	Test Weight	Staygreen	Stalk Rating	Root Rating	Early Plant Vigor	Silage Quality	Gray Leaf Spot	SCLB	NCLB	Eye Spot	Goss's Wilt	Common Rust	Southern Rust	Stalk Anthracnose	Diplodia
H2512	VT2P	75	920	1780	E	D	Red	10	8	9	9	9	6	8	-	8	8	7	8	-	8	-
H2842	VT2P	78	980	1950	M	SD	Red	7	8	8	8	9	7	7	-	9	-	8	-	-	7	-
H2922	VT2P	79	980	1950	E	SD	Red	6	7	9	8	8	8	7	-	9	8	8	-	-	7	-
H2941	RR	79	990	1960	E	SD	Red	6	7	9	8	8	8	7	-	9	8	8	-	-	7	-
H3022	VT2P	80	990	1960	E	SF	Red	8	7	8	9	9	8	7	-	9	-	9	-	-	8	-
H3042	VT2P	80	1000	1970	M	SF	Red	8	8	7	9	9	7	7	-	7	-	7	-	-	6	-
H3122	VT2P	81	1000	1980	M	SD	Red	7	7	7	7	9	8	8	-	8	-	7	8	-	6	-
H3131	RR	81	1000	1980	E	SF	Red	5	8	8	8	8	7	8	-	8	-	8	8	-	7	-
H3301	RR	83	1000	2000	M	SF	Red	7	8	7	9	9	8	6	-	9	8	6	9	-	6	-
H3302	VT2P	83	1030	2000	M	SF	Red	7	8	7	9	9	8	6	-	9	8	6	9	-	6	-
H3322	VT2P	83	1020	2000	E	SF	Red	5	7	8	8	8	7	8	-	8	-	8	8	-	7	-
H3432	VT2P	84	1030	2050	M	SD	Red	7	8	8	8	9	5	7	-	9	-	8	-	-	7	-
H3442	VT2P	84	1030	2100	M	SF	Red	8	9	9	9	8	8	7	-	7	-	8	-	-	7	6
H3542	VT2P	85	1040	2170	M	D	Red	9	7	9	9	8	7	7	-	7	-	8	-	7	8	8
H3632	VT2P	86	1050	2180	M	SD	Red	9	9	8	9	10	8	7	-	9	-	7	-	7	8	-
H3641	RR	86	1050	2180	M	SF	Red	8	9	9	8	9	9	-	-	8	9	7	-	-	8	-
H3712	VT2P	87	1060	2180	M	SF	Red	6	8	8	7	9	9	7	-	8	9	6	-	-	8	-
H3730	CONV	87	1060	2180	M	SF	Red	6	8	7	7	9	8	7	-	8	9	6	-	-	8	-
H3902	VT2P	89	1070	2200	M	SD	Red	7	8	9	8	10	9	7	-	8	8	6	7	-	8	-
H4032	VT2P	90	1090	2210	E	SF	Red	7	7	8	8	8	6	8	-	8	-	8	8	-	7	-
H4052	VT2P	90	1100	2285	L	SF	Red	7	8	7	8	8	8	7	-	8	-	7	-	-	-	-
H4064	SS	90	1100	2285	L	SF	Red	7	8	7	8	8	8	7	-	8	-	7	-	-	-	-
H4132	VT2P	91	1100	2250	E	F	Red	6	8	8	7	8	8	8	-	8	-	6	8	-	7	-
H4162	VT2P	91	1140	2240	E	SD	Red	8	6	7	6	9	6	6	-	8	-	6	-	7	6	-
H4210	CONV	92	1200	2320	L	SF	Red	6	8	7	8	8	8	7	-	8	-	8	8	-	7	-
H4222	VT2P	92	1200	2320	L	F	Red	6	8	8	8	8	8	7	-	8	-	7	7	-	6	-
H4264	SS	92	1200	2300	M	SD	Red	8	7	7	6	9	8	6	-	8	-	7	-	7	9	-
H4322	VT2P	93	1230	2320	M	F	Red	7	7	7	7	9	7	7	-	7	-	8	8	-	6	-
H4324	SS	93	1230	2320	M	F	Red	6	8	8	7	9	7	7	-	7	-	8	8	-	7	-
H4332	VT2P	93	1230	2330	M	SD	Red	8	6	9	8	8	6	8	-	8	-	7	-	-	9	7
H4462	VT2P	94	1240	2350	L	SF	Red	8	6	7	7	9	6	6	-	8	-	6	-	-	8	-
H4520	CONV	95	1230	2350	M	F	Red	7	8	7	8	7	9	8	-	7	-	9	8	-	7	-
H4521	RR	95	1230	2350	M	F	Red	7	8	8	8	7	9	8	-	7	-	9	8	-	6	-
H4522	VT2P	95	1230	2350	M	F	Red	7	9	9	8	7	9	8	-	7	-	9	8	-	6	-
H4562	VT2P	95	1200	2300	E	SD	Red	7	7	8	8	9	6	6	8	8	8	7	8	4	7	7
H4564	SS	95	1220	2380	E	SF	Red	7	7	7	7	9	6	6	9	8	8	6	8	-	9	6
H4612	VT2P	96	1250	2380	L	SF	Red	7	7	8	9	10	7	6	9	8	9	8	9	7	9	8
H4630	CONV	96	1250	2380	L	SF	Red	7	7	7	8	10	7	6	9	8	9	8	9	7	9	8
H4653	DGVT2P	96	1240	2370	M	F	Red	9	7	7	6	9	9	7	-	7	-	7	-	7	7	-
H4732	VT2P	97	1240	2370	M	SF	Red	6	8	7	7	9	8	7	-	7	-	7	-	6	8	-
H4734	SS	97	1240	2370	M	SF	Red	7	8	8	8	8	8	8	-	9	-	8	-	-	9	-
H4842	VT2P	98	1240	2400	M	F	Red	8	7	7	7	8	8	8	-	8	-	7	-	7	7	-
H4844	SS	98	1240	2400	M	F	Red	8	8	8	7	8	9	8	-	8	-	7	-	7	7	-
H4922	VT2P	99	1245	2400	M	SF	Red	8	9	9	9	9	9	7	7	7	-	8	-	6	9	-
H4930	CONV	99	1245	2400	M	SF	Red	8	8	9	9	9	9	7	7	7	-	8	-	6	9	-
H4933	DGVT2P	99	1250	2410	M	SF	Pink	7	8	9	8	9	8	7	7	8	-	7	-	6	8	-

Trait: VT2P – VT Double PRO® RIB Complete®, SS – SmartStax® RIB Complete®, SS PRO – SmartStax® PRO RIB Complete®, RR – Roundup Ready® Corn 2,

DGVT2P – DroughtGard® Hybrids with VT Double PRO® RIB Complete®, TRE – Trecepta® RIB Complete®, CONV – Conventional Corn.

Pollination for Maturity: E – Early; M – Medium; L – Late.

Ear Type: D – Determinate; SD – Semi-Determinate; SF – Semi-Flex; F – Flex. Other ratings are on a 1-10 scale, with 10 being best.

AGRONOMICS

DISEASE TOLERANCE

Hefty Brand	Trait	Maturity	GDU to Mid Pol	GDU to Black Layer	Pol for Maturity	Ear Flex	Cob Color	Test Weight	Staygreen	Stalk Rating	Root Rating	Early Plant Vigor	Silage Quality	Gray Leaf Spot	SCLB	NCLB	Eye Spot	Goss's Wilt	Common Rust	Southern Rust	Stalk Anthracnose	Diplodia
H4924	SS	99	1245	2400	M	SF	Red	8	9	9	9	9	9	7	7	7	-	8	-	6	9	-
H4942	VT2P	99	1250	2420	M	SF	Red	7	8	7	7	9	9	8	7	7	-	8	-	-	9	-
H4964	SS PRO	99	1220	2360	E	SF	Red	6	7	8	8	8	6	5	8	8	8	7	7	5	8	5
H4974	SS	99	1240	2420	M	SF	Red	7	7	7	8	8	8	6	8	8	8	7	8	7	9	7
H5003	DGVT2P	100	1250	2420	M	SF	Red	6	7	9	8	9	7	6	9	8	9	9	9	7	8	8
H5010	CONV	100	1250	2420	M	SF	Pink	8	7	7	9	7	8	8	-	8	-	7	7	-	7	-
H5020	CONV	100	1250	2420	M	SF	Red	8	8	7	8	7	7	7	-	7	-	7	7	-	8	-
H5030	CONV	100	1230	2420	M	SF	Red	6	7	8	7	9	7	6	9	8	9	9	9	7	8	8
H5044	SS	100	1240	2420	M	SF	Red	7	8	8	8	9	8	8	7	7	-	7	-	-	8	-
H5055	TRE	100	1230	2420	M	F	Red	8	8	7	6	9	9	7	7	7	-	8	9	-	8	-
H5062	VT2P	100	1240	2430	M	SF	Red	7	7	7	7	9	6	6	7	7	-	8	-	-	9	-
H5132	VT2P	101	1220	2430	M	F	Red	8	5	5	6	7	7	6	7	7	-	7	8	-	7	-
H5212	VT2P	102	1220	2440	M	SF	Red	8	8	8	8	10	8	6	9	8	9	9	8	-	7	8
H5230	CONV	102	1220	2440	M	SF	Red	8	8	8	8	10	8	6	9	8	9	9	8	-	7	8
H5254	SS	102	1240	2445	M	F	Red	6	8	8	7	8	8	7	6	7	8	7	7	6	9	7
H5373	DGVT2P	103	1270	2445	M	SF	Red	7	7	7	8	8	8	7	8	7	8	8	8	6	7	7
H5432	VT2P	104	1270	2445	M	SF	Red	7	8	8	8	9	7	6	9	7	-	8	-	7	9	8
H5442	VT2P	104	1300	2480	M	SF	Red	8	7	7	7	9	8	7	7	7	-	9	-	8	8	-
H5444	SS	104	1300	2480	M	F	Red	7	8	8	8	9	8	8	7	8	-	9	-	-	9	-
H5522	VT2P	105	1290	2480	M	SF	Red	10	8	9	8	8	6	6	8	7	-	9	-	7	7	8
H5624	SS	106	1290	2480	M	SF	Red	7	7	7	8	7	8	8	7	8	-	8	7	7	8	-
H5655	TRE	106	1300	2460	M	SF	Red	6	7	8	8	9	6	7	7	8	-	8	-	6	7	-
H5660	CONV	106	1270	2480	M	SF	Red	5	8	8	8	9	7	6	7	8	-	7	-	-	8	-
H5674	SS PRO	106	1270	2500	M	SF	Red	7	7	7	7	8	8	6	8	7	8	7	8	6	9	7
H5764	SS PRO	107	1280	2520	M	SD	Red	7	6	7	7	9	7	7	8	7	8	7	8	7	6	7
H5812	VT2P	108	1260	2500	M	SF	Pink	7	7	7	8	9	8	6	8	8	-	8	-	7	7	8
H5832	VT2P	108	1270	2500	M	SD	Red	6	7	8	9	9	6	6	8	8	-	8	-	6	9	8
H5862	VT2P	108	1330	2600	L	SF	Red	8	7	8	7	8	7	6	8	7	-	7	-	8	7	-
H5870	CONV	108	1310	2720	M	F	Red	6	7	7	8	9	8	7	7	8	8	8	7	7	7	7
H5944	SS	109	1310	2540	M	SF	Pink	7	7	8	7	10	8	6	9	7	-	9	-	6	8	-
H5952	VT2P	109	1320	2580	M	SF	Red	8	7	7	8	8	9	8	7	8	-	7	8	-	7	-
H6042	VT2P	110	1320	2590	M	SD	Red	8	6	6	7	9	7	8	9	7	-	8	-	7	7	-
H6064	SS	110	1330	2600	M	SD	Red	7	8	7	7	8	7	7	8	8	8	7	8	7	9	6
H6132	VT2P	111	1315	2650	M	SF	Red	6	6	7	7	8	8	5	8	8	-	9	-	-	6	6
H6145	TRE	111	1330	2600	M	SD	Red	8	7	7	8	8	7	7	9	7	-	9	-	6	8	-
H6170	CONV	111	1310	2660	M	F	Pink	8	7	7	8	8	8	8	6	7	8	8	8	7	7	7
H6244	SS	112	1330	2640	M	SD	Red	8	7	8	9	9	7	8	9	7	-	8	-	6	8	-
H6252	VT2P	112	1325	2650	M	SF	Red	7	6	7	8	9	6	8	7	9	-	8	-	7	8	-
H6263	DGVT2P	112	1340	2660	L	SF	Red	7	8	8	8	8	8	8	7	8	-	7	-	3	7	-
H6332	VT2P	113	1330	2640	M	SF	Red	8	10	9	10	9	8	7	9	9	-	9	-	9	6	-
H6354	SS	113	1360	2650	M	SF	Red	7	8	8	8	9	7	7	9	7	-	9	-	6	8	-
H6355	TRE	113	1360	2650	M	SF	Red	7	7	7	8	9	7	7	9	7	-	9	-	6	8	-
H6423	DGVT2P	114	1330	2640	M	SF	Red	8	9	8	9	8	9	8	8	9	-	9	-	6	8	-
H6524	SS	115	1320	2650	M	SF	Red	8	7	7	9	9	8	7	9	9	-	5	-	6	8	8
H6532	VT2P	115	1330	2670	M	SF	Red	6	6	6	8	9	7	7	9	9	-	5	-	6	8	8
H6552	VT2P	115	1360	2700	L	F	Red	7	8	7	8	9	9	8	8	7	-	5	-	8	9	-

Trait: VT2P – VT Double PRO® RIB Complete®, SS – SmartStax® RIB Complete®, SS PRO – SmartStax® PRO RIB Complete®, RR – Roundup Ready® Corn 2,

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SmartStax
RIB COMPLETE[®]

SmartStax[®] PRO
RIB COMPLETE[®]

The best trait package on the market for corn rootworm control got even better! We are excited to add SmartStax[®] PRO hybrids to our list of corn rootworm Bt offerings.

PREMIUM TRAITS

Here are some management tips to ensure the best experience from your SmartStax[®] and SmartStax[®] PRO hybrids.

- **Insects** – Both SmartStax[®] and SmartStax[®] PRO provide belowground insect protection with multiple Bt events and a higher rate of seed treatment insecticide. SmartStax[®] PRO takes it a step further with RNA interference. Keep in mind corn rootworms must take a bite out of the root to receive the Bt's and the RNAi from SmartStax[®] PRO. To provide extra protection and to control rootworms and other pests before they bite the seed or roots, consider using an in-furrow insecticide as well, especially in heavy-pressure situations. Products like Capture LFR have come way down in price in recent years and are quite affordable.
- **Post-emerge Weed Control** – SmartStax[®] and SmartStax[®] PRO hybrids carry herbicide tolerance to both Liberty (glufosinate) and Roundup[®] (glyphosate), offering more ways to control tough weeds.
- **Use a PRE** – Don't skip the powerful weed control options you have for residual control. Apply them at – or hopefully *before* – planting.
- **Product Choice** – If broadleaf weeds are a huge issue, choose a pre-emerge product to address those weeds and take many of them out before they even emerge from the soil. Products like Verdict, SureStart, or TripleFLEX are great options, but there are many more, as well.
- **Multiple Effective Modes of Action** – Be sure to use multiple effective modes of action each time you spray for weeds. For example, Status is a great post-emerge choice because of its broad-spectrum weed control and two highly effective modes of action on most weeds. Avoid spraying straight Roundup[®] or any single mode of action as resistant weeds are out there and growing in severity each year.
- **Diseases** – Watch the Hefty Brand Corn hybrid characteristics chart on pages 8 and 9 and consult the management tips for each hybrid. Most hybrids have one disease or another that may require extra protection from a fungicide. Many of the diseases will show up in fields after V8 and come during very sensitive growth stages. Avoid the use of surfactants or oils with your pre-tassel fungicide applications or use labeled NPE/APE-free surfactants such as Precise and Nutex EDA to protect your crop from arrested ear development.

The RIB Complete[®] versions of VT Double PRO[®] Corn, DroughtGard[®] with VT Double PRO[®], Trecepta[®], SmartStax[®], and SmartStax[®] PRO hybrids contain a 5% refuge in every bag for corn (non-cotton) growing areas of the country. These seeds are all tolerant to Roundup[®] (glyphosate) herbicide and contain no Bt insect traits. The SmartStax[®] and SmartStax[®] PRO refuge component also carry tolerance to Liberty (glufosinate) herbicide, giving you an extra weed control option in the premium trait package. With refuge-in-a-bag, there's no need to plant a separate/structured refuge.

H4064

90 DAY

GDUS TO MID-POLLINATION: 1100
GDUS TO BLACK LAYER: 2285
POLLINATION FOR MATURITY: LATE
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

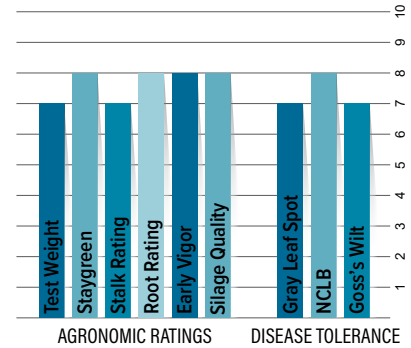
- Exciting early SmartStax[®] option at 90-day! Excellent fit for continuous corn acres with above average defense, stalk strength, and roots. Ear flexes for length and kernel depth. Very good fall appearance.

WEAKNESSES

- Late flowering.

POSITIONING

- Great choice for continuous corn acres and areas with heavier rootworm pressure. Responds well to fertility inputs and likes average to better ground. Drydown is improved with the addition of microbes at planting, as that leads to better emergence and earlier flowering.



H4264

92 DAY

GDUS TO MID-POLLINATION: 1200
GDUS TO BLACK LAYER: 2300
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-DETERMINATE
COB COLOR: RED



KEY STRENGTHS

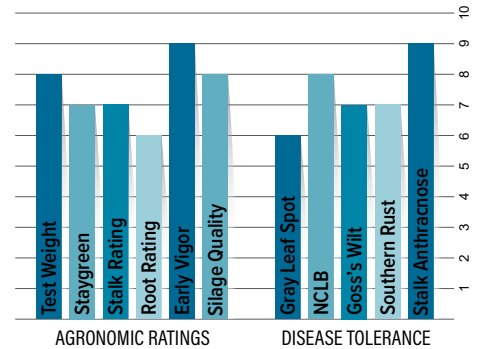
- Big yields with good silage quality and tonnage potential! Handles low-yield environments well. Fast emergence leads to solid test weight and a girthy ear.

WEAKNESSES

- Taller plant will leave more plant residue after harvest. Average disease protection characteristics.

POSITIONING

- Broad placement is suggested as this hybrid has top-end yield potential in fertile ground but also performs well in the tough ground. Goss's tolerance is not sufficient for the high-pressure continuous corn fields, but it will work fine for lower-pressure situations.



H4324

DUAL PURPOSE

93 DAY

GDUS TO MID-POLLINATION: 1230
GDUS TO BLACK LAYER: 2320
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: FLEX
COB COLOR: RED



KEY STRENGTHS

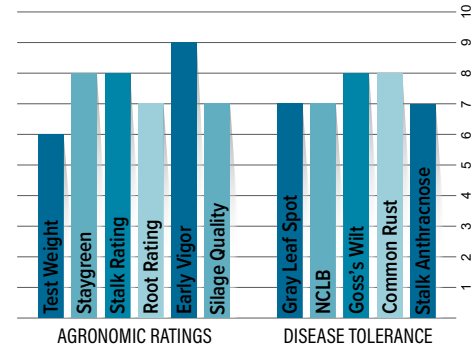
- SmartStax[®] version of the high-yielding H4322! Adds belowground protection to a solid all-around hybrid. Fits all soil types. Very stable plant and proven genetics.

WEAKNESSES

- Average tolerance to gray leaf spot and northern corn leaf blight.

POSITIONING

- Flex ear hybrid that really responds to increased management. Great response to foliar fungicide and applied fertility. Makes a really nice dual purpose hybrid, as well.



H4564

KEY PRODUCT

95 DAY

GDUS TO MID-POLLINATION: 1220
GDUS TO BLACK LAYER: 2380
POLLINATION FOR MATURITY: EARLY
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

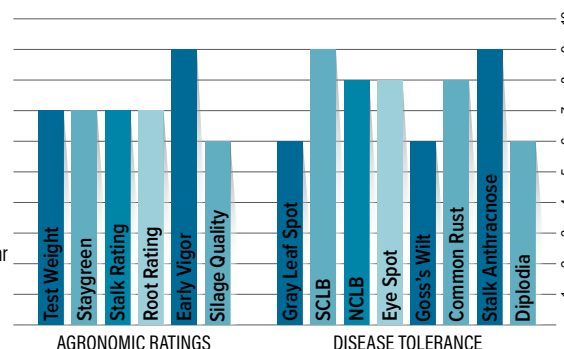
- Big plant with very strong yield data! Ear flexes well for length. Heavy test weight! Fast drydown.

WEAKNESSES

- Staygreen and Goss's tolerance are just average.

POSITIONING

- The best fit is in zone for maturity and slightly south, as well. The Goss's tolerance suggests placement in low-pressure Goss's areas. Handles northern leaf blight well but still responds favorably to foliar fungicide applications, especially for tar spot and gray leaf spot.



H4734

DUAL PURPOSE

97 DAY

GDUS TO MID-POLLINATION: 1240
GDUS TO BLACK LAYER: 2370
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

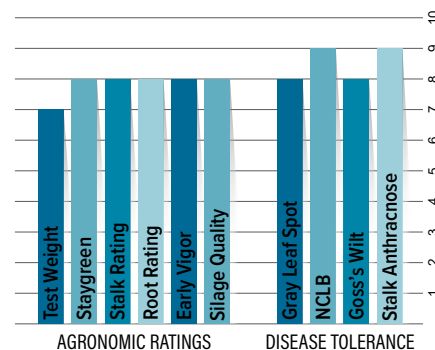
- Exciting SmartStax[®] product with dual-purpose potential! Tall hybrid with a very good stalk that produces heavy kernels and a lot of tonnage. Works very well in continuous corn.

WEAKNESSES

- HPPD herbicide tolerance to 2-3X rates is not great, so follow the labels and don't overlap. Drought tolerance is slightly below average.

POSITIONING

- This is a really good SmartStax[®] product that can push for very high yields and also produce tonnage if you need a silage corn. It excels in high yield environments but needs adequate moisture, so avoid droughty areas. The roots are good, but we've seen an advantage adding an insecticide and Alpha Complete in the furrow.



H4844

KEY PRODUCT

98 DAY

GDUS TO MID-POLLINATION: 1240
GDUS TO BLACK LAYER: 2400
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: FLEX
COB COLOR: RED



KEY STRENGTHS

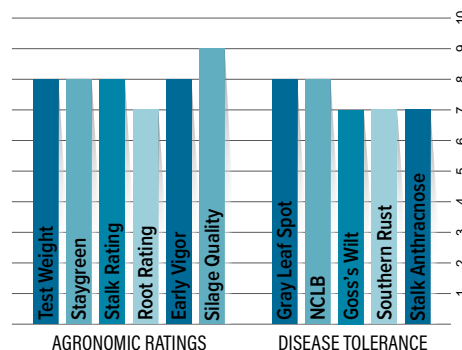
- Key hybrid at this maturity with yield, a durable plant type, flex ear, and fast drydown. National placement line with a strong disease package.

WEAKNESSES

- Has enough flex that it may not benefit from plant populations over 36,000.

POSITIONING

- Broad acre placement hybrid that fits on continuous corn acres or in a crop rotation. SmartStax[®] version of H4842. Flex ear responds to planting time fertility application as well as a timely split application in season around V5-V6. Loves in-furrow microbial products like Alpha Complete!



H4924

DUAL PURPOSE

99 DAY

GDUS TO MID-POLLINATION: 1245
GDUS TO BLACK LAYER: 2400
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

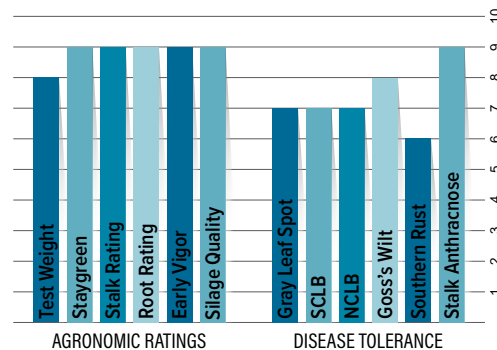
- Gorgeous hybrid with excellent agronomics! Excellent tonnage producer with a big stalk and very good staygreen. Handles greensnap and Goss's well. Solid disease protection package. Responds well to increases in plant population.

WEAKNESSES

- Prefers the better ground.

POSITIONING

- Use this as an excellent silage product with high tonnage or an average-yielding SmartStax choice. It will benefit from added fertility, placement on your better ground, and increases in plant population. Has responded well to in-furrow natural products like Alpha Complete!



H4964

KEY STRENGTHS

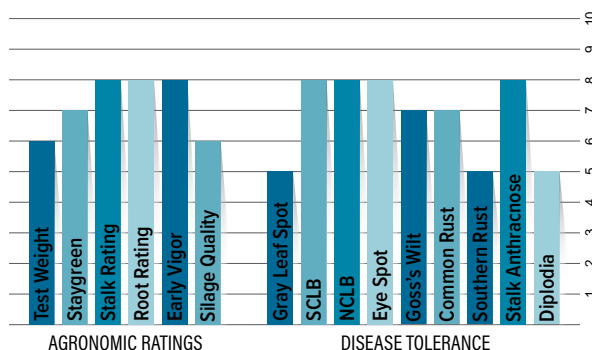
- SmartStax[®] PRO hybrid with the industry's best corn rootworm protection! Taller plant with very good stalks and roots. Excellent ear flex, especially for girth.

WEAKNESSES

- Average test weight. Needs foliar fungicide to help with gray leaf spot and southern rust.

POSITIONING

- Exciting product with great rootworm protection. Place on average to better ground. Responds to early-season fertility. Best performance will be in its maturity zone.



H4974

NEW

99 DAY

GDUS TO MID-POLLINATION: 1240
GDUS TO BLACK LAYER: 2420
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

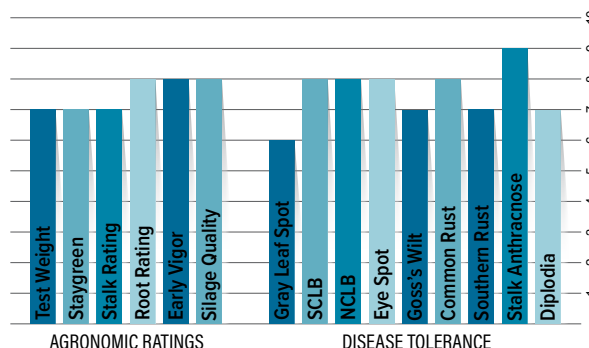
- Rugged hybrid with very good drought tolerance! Strong yields and good agronomics make this a must-add to your crop plan. Handles variable soils very well and has very good ear flex, especially for girth. Nice intactness and staygreen in the fall.

WEAKNESSES

- Use foliar fungicides to help protect against gray leaf spot and tar spot.

POSITIONING

- This is a great choice on nearly any soil type, but it excels against other hybrids on the tougher or more variable ground. Its girthy ear can be accentuated with planting-time fertility. Due to ear flex, you can plant this at lower populations and still be successful. We've seen a really nice response to foliar fungicides with this hybrid, and it responds to naturals like Heat Shield and Alpha Complete, as well.



H5044

KEY PRODUCT

100 DAY

GDUS TO MID-POLLINATION: 1240
GDUS TO BLACK LAYER: 2420
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

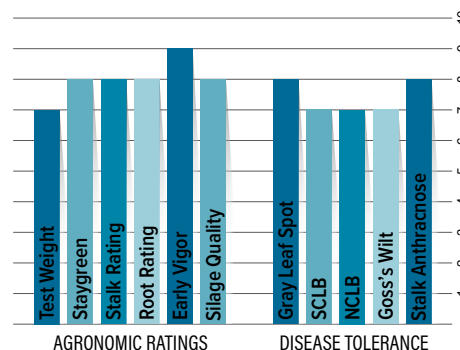
- This is one tough hybrid! Great fit for all soil types and management systems. First one out of the ground. Handles drought very well. Fast drydown. Consistently good performance.

WEAKNESSES

- Average test weight. Good but not great Goss's wilt tolerance.

POSITIONING

- This hybrid can literally go anywhere you want to plant corn and do well. I'd be cautious of the very high Goss's pressure fields just to be on the safe side. H5044 responds very well to in-furrow microbial products (like Alpha Complete), insecticide, and fertility.



H5254

KEY PRODUCT

102 DAY

GDUS TO MID-POLLINATION: 1240
GDUS TO BLACK LAYER: 2445
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: FLEX
COB COLOR: RED



KEY STRENGTHS

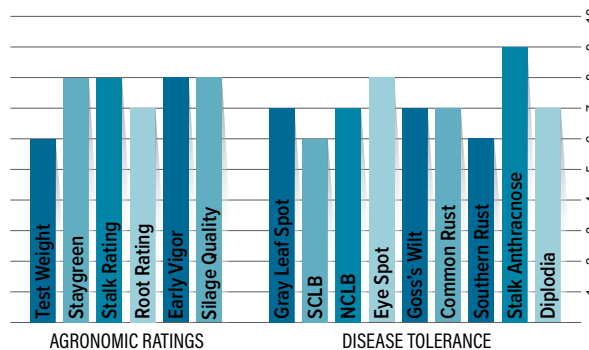
- Powerful-yielding SmartStax^{PRO}! With a fit in low- and high-yielding environments, this hybrid will find a place on many acres. Really strong top-end yield potential. Impressive late-season staygreen and intactness! Lots of ear flex will allow you to plant lower populations and still get great performance.

WEAKNESSES

- Average rating on Goss's Wilt, but it has enough tolerance to fit all but the heavy pressure fields.

POSITIONING

- High-yielding hybrid with a broad-acre fit. Plenty of ear flex to use lower populations to your advantage. Great late-season plant health and intactness. This hybrid responds very favorably to Xyway in the 2 X 2 at planting. To accentuate the ear flex, planting time fertility applications are important. You should also see a nice impact from naturals like Alpha Complete at planting.



H5444

DUAL PURPOSE

104 DAY

GDUS TO MID-POLLINATION: 1300
GDUS TO BLACK LAYER: 2480
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: FLEX
COB COLOR: RED



KEY STRENGTHS

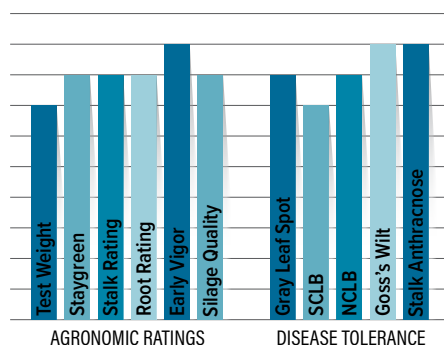
- Yield, full flex, and great Goss's wilt tolerance! You'll love this hybrid as it jumps out of the ground and maintains vibrant plant health throughout the season. Excellent drydown and a strong silage choice, as well. Handled tar spot better than other hybrids.

WEAKNESSES

- Average rating on gray leaf spot.

POSITIONING

- Broad acre placement of this flex ear hybrid. Fits on nearly all soil types and can handle lower planting populations. While it has a very strong disease protection package, foliar fungicide for gray leaf spot protection is recommended.



H5624

TOP PERFORMER

106 DAY

GDUS TO MID-POLLINATION: 1290
GDUS TO BLACK LAYER: 2480
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

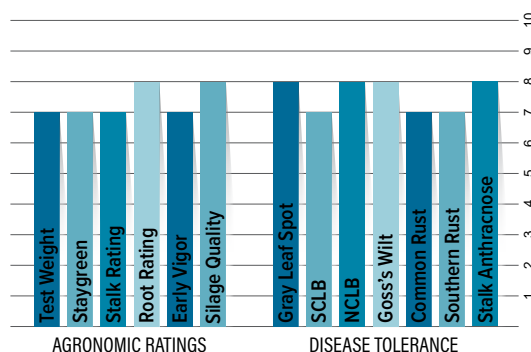
- Big, showy plant with flashy yields! National placement with above average disease tolerance package. Big, girthy ears are eye-catching! Great silage potential, as well.

WEAKNESSES

- Average tolerance to common rust.

POSITIONING

- National placement line that fits on all soil types. Loves irrigation and works in dryland situations, as well. Push fertility levels as this hybrid responds well to added nutrition and flexes especially for girth. Foliar fungicide use is advised in areas where common rust and other diseases are normally present.



H5674

NEW

106 DAY

GDUS TO MID-POLLINATION: 1270
GDUS TO BLACK LAYER: 2500
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

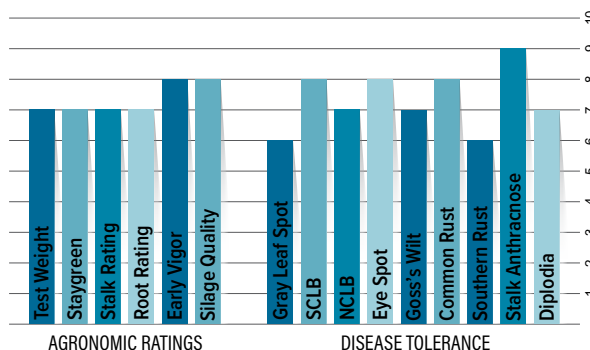
- Major SmartStax[®] PRO yield upgrade at this maturity! Tall hybrid that packs on the grain yield. Makes great corn silage, as well. Fast out of the ground with excellent early vigor.

WEAKNESSES

- Use of a foliar fungicide is recommended to assist an average disease tolerance package.

POSITIONING

- Big-time yielder that also tons out very well as corn silage. Broad acre placement is recommended throughout the Corn Belt and on the East Coast. Slightly higher populations and good potassium availability will help overcome husks that can be a little short. This hybrid has a fantastic response to intensive management including planting-time fungicide/insecticide/fertility/naturals (Alpha Complete). Use of a foliar fungicide is highly recommended, as gray leaf spot and southern rust can be hard on this hybrid.



H5764

KEY STRENGTHS

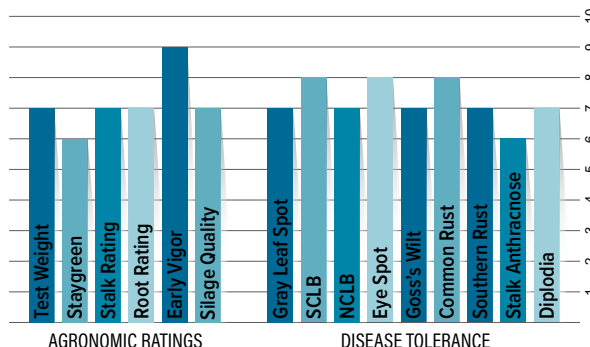
- National line with yield and agronomics! SmartStax[®] PRO hybrid with strong roots and stalks. Quick out of the ground.

WEAKNESSES

- Good but not great defense. Foliar fungicide will be needed in continuous corn.

POSITIONING

- Broad placement product that moves east-west and north-south very well. Prefers to be on the average to better ground with good fertility. SmartStax[®] Pro is a step up on rootworm control, and this will fit well on continuous corn acres. Foliar fungicide use will be beneficial in moderate-to-higher disease pressure areas.



H5944

KEY PRODUCT

109 DAY

GDUS TO MID-POLLINATION: 1310
GDUS TO BLACK LAYER: 2540
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: PINK



KEY STRENGTHS

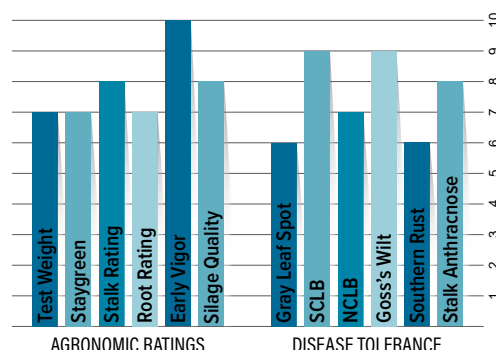
- Powerful SmartStax[®] hybrid! Fast emergence and early growth lead to a girthy ear, high yields, and fast drydown in the fall. Strong Goss's and anthracnose stalk rot tolerance. National placement.

WEAKNESSES

- Average test weight and gray leaf spot tolerance.

POSITIONING

- Broad acre placement is recommended for this hybrid, and continuous corn is a possibility. Manage gray leaf spot with foliar fungicide protection. Taller hybrid with above average greensnap tolerance. Responds well to starter fertilizer and intensive management.



H6064

110 DAY

GDUS TO MID-POLLINATION: 1330
GDUS TO BLACK LAYER: 2600
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-DETERMINATE
COB COLOR: RED



KEY STRENGTHS

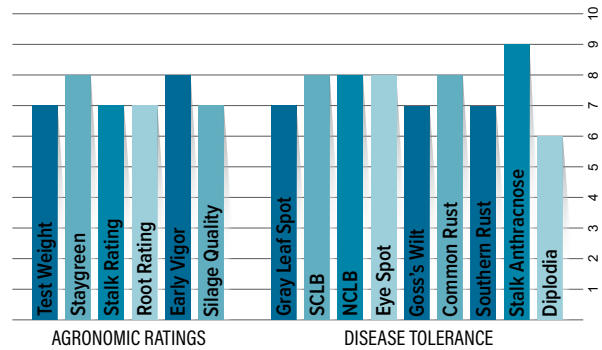
- Big, healthy plant with massive yield potential! Strong disease protection highlighted by excellent physoderma and stalk anthracnose ratings! National line with broad acre placement. Better than most on tar spot.

WEAKNESSES

- Average rating for diplodia.

POSITIONING

- Plant this one first on your farm. National line that fits on all soil types and works well in rotations or in continuous corn. Will fit as a great silage hybrid, as well as a powerful grain producer. Responds well to additional fertility and beneficial microbe applications.



H6244

KEY PRODUCT

112 DAY

GDUS TO MID-POLLINATION: 1330
GDUS TO BLACK LAYER: 2640
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

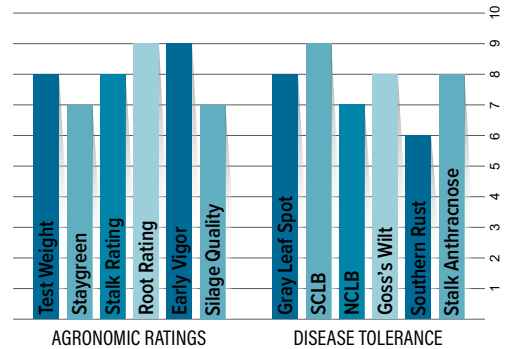
- The lead SmartStax[®] option at 112 day! Excellent top-end yield potential and fast out of the ground. Powerful root system and broad acre placement.

WEAKNESSES

- Southern rust.

POSITIONING

- Use this on your good ground and treat with foliar fungicide to maximize performance. Great fit east to west across the country. Responds very well to in-furrow microbial products like Alpha Complete.



H6354

KEY PRODUCT

113 DAY

GDUS TO MID-POLLINATION: 1360
GDUS TO BLACK LAYER: 2650
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

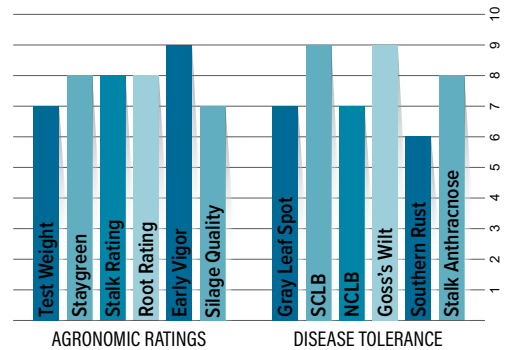
- Great choice for continuous corn acres! You'll love its early vigor and drydown in the fall! Handles Goss's wilt well and has an overall solid defensive package.

WEAKNESSES

- Southern rust and physoderma tolerances are low. Staygreen is average.

POSITIONING

- Strong-performing hybrid in good to excellent dryland soils and a wonderful choice in irrigated acres. Good ear flex and best-in-class drydown make this a fit in nearly every farm operation. While the disease protection is good, we recommend Xyway in the 2 x 2 at planting and a foliar fungicide application for plant health and performance.



H6524

TOP PERFORMER

115 DAY

GDUS TO MID-POLLINATION: 1320
GDUS TO BLACK LAYER: 2650
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

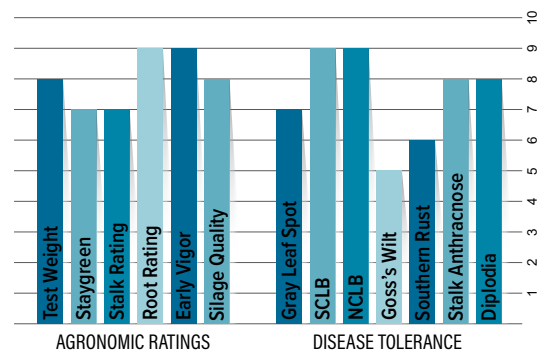
- Compelling yields nationwide! Flies out of the ground in the spring and has very good roots and stalks through the season. Excels under irrigation.

WEAKNESSES

- Average on gray leaf spot and needs protection from southern rust.

POSITIONING

- Plant this early on your irrigated acres and push it with fertility. You will need fungicide protection from a couple key diseases (GLS & SR). Plant at a medium high population for best results. Loves your best and most fertile soils. Don't forget to try 6532, which is a fantastic VT2P version of this hybrid!



MOST POPULAR

VT DOUBLE PRO[®]
is the most popular
Hefty Brand Corn Trait!

WITH TOLERANCE TO
ROUNDUP[®] HERBICIDE, INSECT
PROTECTION FROM KEY
ABOVEGROUND PESTS LIKE
EUROPEAN CORN BORER, AND
A COMPETITIVE PRICE POINT,
IT'S EASY TO SEE WHY
VT DOUBLE PRO[®] CORN IS SUCH
AN ATTRACTIVE PACKAGE!

Here are some tips for managing your VT Double PRO[®] Corn. First of all, follow all the management tips on page 10. They also apply to your VT Double PRO[®] Corn. In addition, here are two more to consider.

- ▶ **Insects** – Dropping down from SmartStax[®] to VT Double PRO[®] means giving up belowground insect protection on pests like corn rootworm. Be sure to use a planting time insecticide like Force, Aztec, or Capture LFR, as there is no rescue treatment for corn rootworm.
- ▶ **Weed Control** – If you are used to using Liberty[®] or Roundup[®] in SmartStax[®] corn, remember VT Double PRO[®] is only tolerant to Roundup, not Liberty.



H2512

HIGH TEST WEIGHT

75 DAY

GDUS TO MID-POLLINATION: 920
 GDUS TO BLACK LAYER: 1780
 POLLINATION FOR MATURITY: EARLY
 EAR TYPE: DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

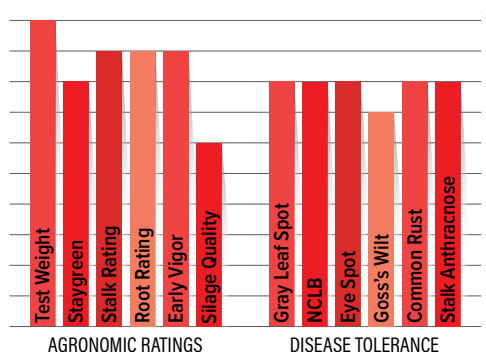
- Key early hybrid with excellent plant structure! High test weight and very good early vigor. Strong stalks and roots are the foundation to success and nice staygreen through the season. Fast drydown.

WEAKNESSES

- More of a determinate ear, so higher planting populations are recommended.

POSITIONING

- Fits in all rotations and soil types across MT, northern ND, and MN. Keep your populations up toward the higher end for your area. Responds well to fertility at planting.



H2842

KEY PRODUCT

78 DAY

GDUS TO MID-POLLINATION: 980
 GDUS TO BLACK LAYER: 1950
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

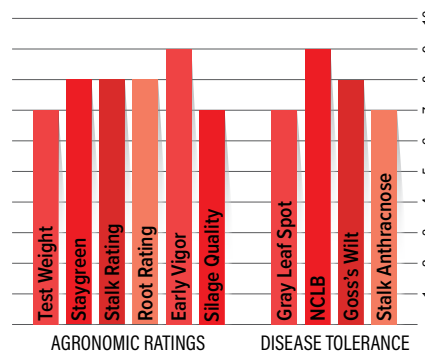
- Strong-yielding product for the northern and western market! Taller plant with impressive roots and stalks. Good disease tolerance, especially for Goss's and northern corn leaf blight. Test weight is very good for this maturity.

WEAKNESSES

- Average tolerance to stalk anthracnose. Not the best fit for continuous corn.

POSITIONING

- This is a hybrid for broad placement across the Northern U.S. Very stable plant type with excellent yield potential and a good disease protection package. Responds well to higher planting populations and fertility inputs.



H2922

TOP PERFORMER

79 DAY

GDUS TO MID-POLLINATION: 980
 GDUS TO BLACK LAYER: 1950
 POLLINATION FOR MATURITY: EARLY
 EAR TYPE: SEMI-DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

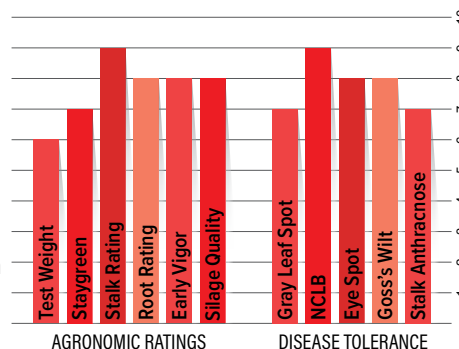
- Strong yielder with quick drydown. Fits well in Minnesota and all the way west into Montana. Fast emergence in the spring with very stable roots and stalks through the season.

WEAKNESSES

- Could use some more flex for the sub-20,000 population areas.

POSITIONING

- This hybrid can handle the variable ground well and adds great lower-end yield stability (i.e. it won't make you look bad). Performs best when populations are above 25,000, which can also be said for most hybrids. It's corn that will stand much better than most other 79 day hybrids out there. Plant it with confidence.



H3022

KEY PRODUCT

80 DAY

GDUS TO MID-POLLINATION: 990
 GDUS TO BLACK LAYER: 1960
 POLLINATION FOR MATURITY: EARLY
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

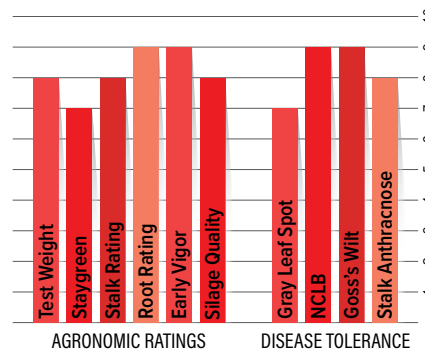
- Racehorse hybrid with a really good stalk and roots to boot! Handles Goss's Wilt and anthracnose well.

WEAKNESSES

- Likes a little higher population.

POSITIONING

- Plant this at the upper end of your plant population range and watch it run! Can handle your variable ground but loves good soil. Responds well to intensive fertility management, especially with phosphorus and zinc.



H3042

80 DAY

GDUS TO MID-POLLINATION: 1000
 GDUS TO BLACK LAYER: 1970
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

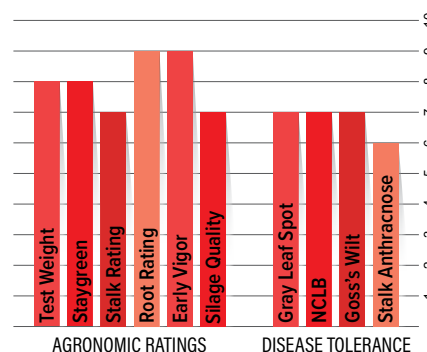
- Plant this hybrid at the end of your driveway. Beautiful plant type with girthy ears, monster yield, and very good harvest appearance. Loose open husk at harvest provides excellent drydown, as well.

WEAKNESSES

- Not the best choice for continuous corn as gray leaf spot and anthracnose tolerance are not excellent.

POSITIONING

- This girthy eared hybrid loves early season fertility (i.e. starter) and responds very well to natural products like Alpha Complete in-furrow.



H3122

TOP PERFORMER
81 DAY

GDUS TO MID-POLLINATION: 1000
 GDUS TO BLACK LAYER: 1980
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

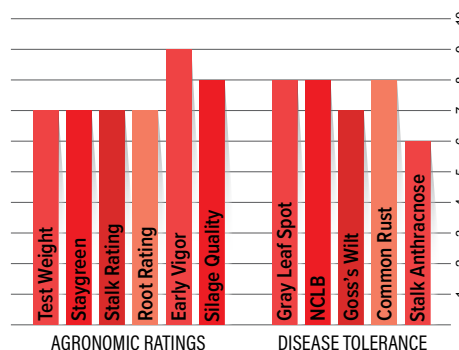
- The first hybrid out of the ground! Excellent seedling vigor gives this hybrid a jump on the competition. Great yield performance! Loves to be pushed with fertility and population.

WEAKNESSES

- Average Goss's tolerance.

POSITIONING

- Here's the hybrid for your good ground that can push for the next yield level. Responds very well to intensive fertility management especially with good phosphorus, potassium, sulfur, and zinc levels.



H3302

83 DAY

GDUS TO MID-POLLINATION: 1030
 GDUS TO BLACK LAYER: 2000
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

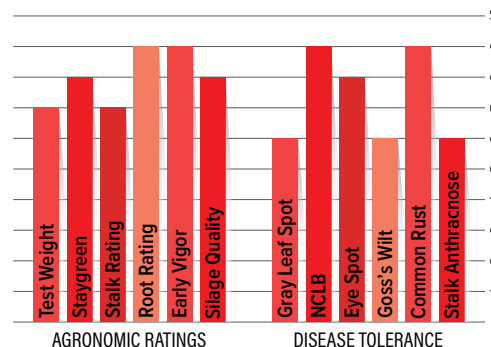
- Tough hybrid that outpaces competition in drought environments. Handles lower populations well with good ear flex. Quick out of the ground!

WEAKNESSES

- Weak on Goss's Wilt and stalk anthracnose. Not a good fit for continuous corn.

POSITIONING

- Place this hybrid as your medium to full season hybrid. Shines on the tough ground. Very good roots help it hold on in droughty conditions.



H3322

KEY PRODUCT
83 DAY

GDUS TO MID-POLLINATION: 1020
 GDUS TO BLACK LAYER: 2000
 POLLINATION FOR MATURITY: EARLY
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

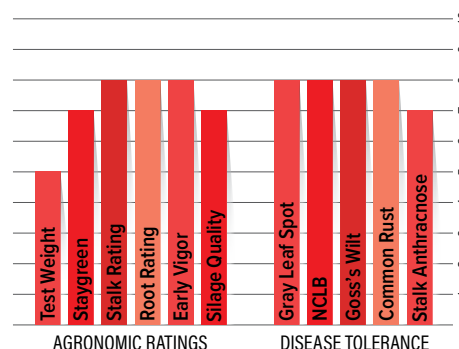
- "The Grinder" takes on tough soils, tough conditions, and even tough diseases and out-yields the rest. Strong Goss's Wilt and northern corn leaf blight tolerance. Versatile hybrid that fits across all acres.

WEAKNESSES

- Average test weight.

POSITIONING

- This is a "place anywhere" kind of hybrid that does respond well to increased management including precision fertility, fungicide applications, increased planting populations, and even narrow row spacings. Works well even in continuous corn situations with in-furrow insecticide.



H3432

WESTERN STUD

84 DAY

GDUS TO MID-POLLINATION: 1030
 GDUS TO BLACK LAYER: 2050
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

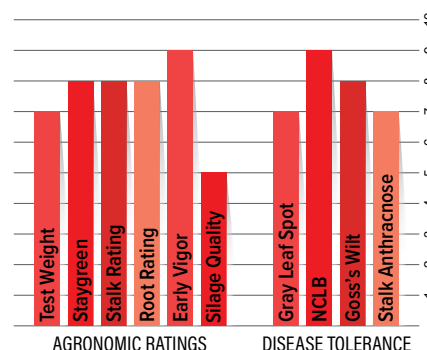
- Fast emerger with big yield potential! Nice flex and girthy ears with very good drydown. Strong stalks and roots work well across a wide variety of stressful environments.

WEAKNESSES

- Shorter plant may not be the best for silage.

POSITIONING

- Tough hybrid that still packs a nice yield punch! Has enough ear flex to still thrive in lower planting populations. Stretches west into Montana and performs in dry conditions. It has also yielded very well in the Red River Valley and east. Loves banded fertility in 2 X 2 or strip-till.



H3442

TOP PERFORMER

84 DAY

GDUS TO MID-POLLINATION: 1030
 GDUS TO BLACK LAYER: 2100
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

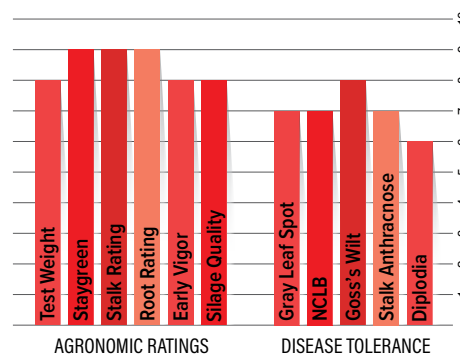
- All-around stud! National placement line with great plant structure and solid defense, as well. Handles tough ground and excels with intensive management.

WEAKNESSES

- Shows some susceptibility to diplodia ear rot.

POSITIONING

- Girthy ear type responds well to early season management. This is a great example of a hybrid that loves fertility with the planter, and a natural product like Alpha Complete will help it bring in more nutrients to get that 18-20 kernel girth.



H3542

KEY STRENGTHS

- Excellent test weight and great yield potential in good soils! Responds well to higher plant populations and higher fertility levels.

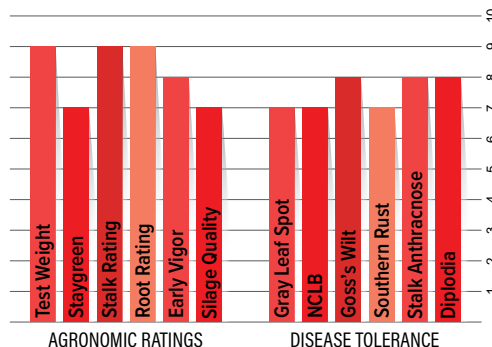
WEAKNESSES

- Less ear flex than other Hefty Brand hybrids. A little less staygreen in the fall, so it should move up a little in your harvest order.

POSITIONING

- Loves the Red River Valley and east into Minnesota. This hybrid has a little less ear flex than others in the lineup and requires a little more population to fully express its yield. Responds very well to fertility, beneficial microbes, and intensive management.

GDUS TO MID-POLLINATION: 1040
 GDUS TO BLACK LAYER: 2170
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: DETERMINATE
 COB COLOR: RED



H3632

KEY PRODUCT

86 DAY

GDUS TO MID-POLLINATION: 1050
 GDUS TO BLACK LAYER: 2180
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

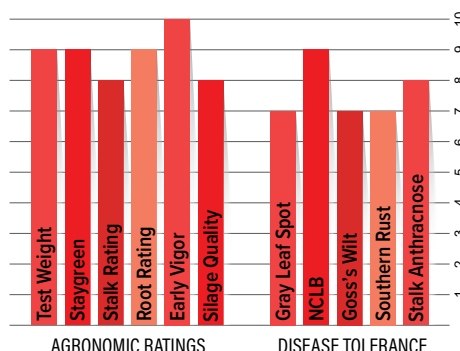
- Heavy test weight drives yield with this hybrid! One of the better hybrids for late season health, and intactness adds peace of mind at harvest. Fast out of the ground and anchored by a great root system. National placement.

WEAKNESSES

- Gray leaf spot tolerance is only average.

POSITIONING

- Very consistent and stable product that likes populations in the mid-20s to the mid-30s. With the early vigor and a massive root system, it makes sense to feed this hybrid early with in-furrow or 2 X 2 fertility. It responds to microbial products, as well, such as Alpha Complete. Added late-season fertility has also shown a good return on investment as late season health is very good and test weight accumulation is great.



H3712

TOP PERFORMER

87 DAY

GDUS TO MID-POLLINATION: 1060
 GDUS TO BLACK LAYER: 2180
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

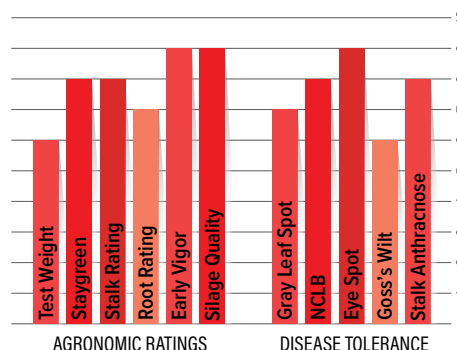
- Great top-end yield potential! Jumps out of the ground and exhibits very good plant health and staygreen throughout the season. Strong stalks holds up a very girthy ear!

WEAKNESSES

- Average rating on Goss's. Not for continuous corn.

POSITIONING

- Really strong top-end yields for this maturity! Fertilize for a higher yield goal and intensively manage this hybrid as it responds very well. Did see some response to high rates of ALS chemistries, especially pre-emerge. Avoid ALS chemistries, but don't skip the pre as yield is determined early with this hybrid as it flexes for girth often to 20 kernels around!



H3902

KEY PRODUCT

89 DAY

GDUS TO MID-POLLINATION: 1070
 GDUS TO BLACK LAYER: 2200
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

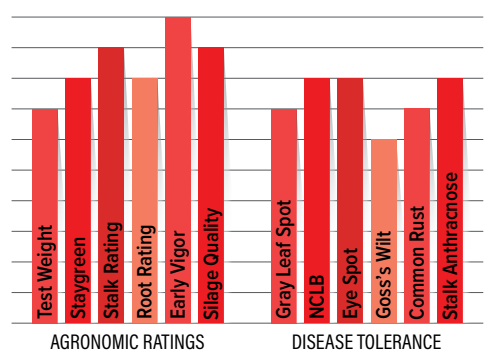
- Hammers the competition with big yields! Plant this variety first as it has excellent early vigor. Strong roots and stalk. Loves placement on average to better ground.

WEAKNESSES

- Goss's Wilt and Gray Leaf Spot tolerance are only average. Average test weight.

POSITIONING

- Fantastic yielder that likes good ground, slightly higher populations, and a balanced fertility program. This has been a favorite hybrid on many farms.



H4032

90 DAY

GDUS TO MID-POLLINATION: 1090
 GDUS TO BLACK LAYER: 2210
 POLLINATION FOR MATURITY: EARLY
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

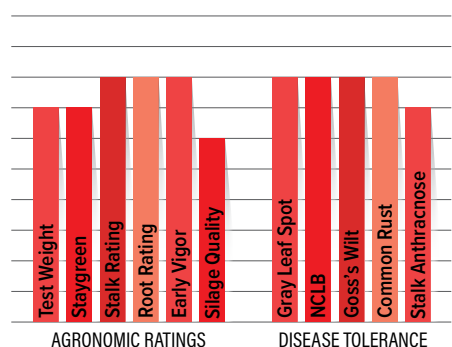
- Outstanding product with strong Goss's wilt tolerance! Enhanced protection from anthracnose stalk rot and powerful early emergence and vigor are two reasons to plant this hybrid early. Good potential to flex for girth.

WEAKNESSES

- Late season intactness. Harvest timely.

POSITIONING

- Plant this hybrid at medium to high populations for your area. It should fit across a wide geography. Excellent yield potential can be achieved if you feed this crop. Shows a positive return on investment to mid-late season nitrogen and sulfur. Soil test to determine your total plant nutrient strategy.



H4052

KEY PRODUCT

90 DAY

GDUS TO MID-POLLINATION: 1100
 GDUS TO BLACK LAYER: 2285
 POLLINATION FOR MATURITY: LATE
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

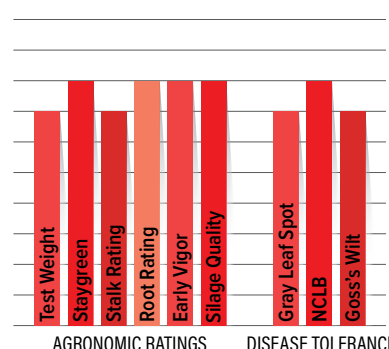
- National line with a complete package! Top-end yield with above average defense, stalk strength, and roots. Ear flexes for length and kernel depth. Very good fall appearance.

WEAKNESSES

- Late flowering.

POSITIONING

- Fits on all soil types and has enough yield pop to earn its way on your best ground. Responds well to fertility inputs and intensive management. Drydown is improved with addition of microbials at planting, as emergence improves and flowering comes sooner.



H4132

TOP PERFORMER

91 DAY

GDUS TO MID-POLLINATION: 1100
 GDUS TO BLACK LAYER: 2250
 POLLINATION FOR MATURITY: EARLY
 EAR TYPE: FLEX
 COB COLOR: RED



KEY STRENGTHS

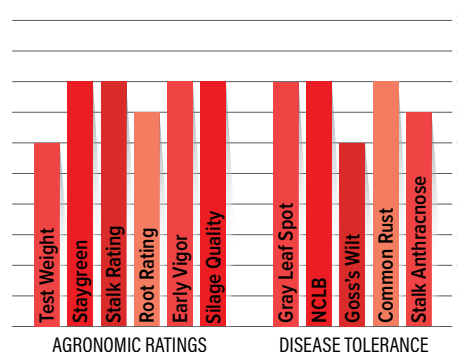
- Breakout product! From plot winner to top field average on your farm, this is a fun product to work with. Excellent dual-purpose product with ears that flex for girth. Responds very well to increased population.

WEAKNESSES

- Goss's wilt tolerance is only average at best.

POSITIONING

- Push the population and the fertility as this hybrid responds very well. Dominant product coming out of our testing program that pairs very well with H4032 for diversity and a fantastic 1-2 punch. While it does have a good defensive package, this hybrid prefers average to high productivity ground.



H4162

91 DAY

GDUS TO MID-POLLINATION: 1140
 GDUS TO BLACK LAYER: 2240
 POLLINATION FOR MATURITY: EARLY
 EAR TYPE: SEMI-DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

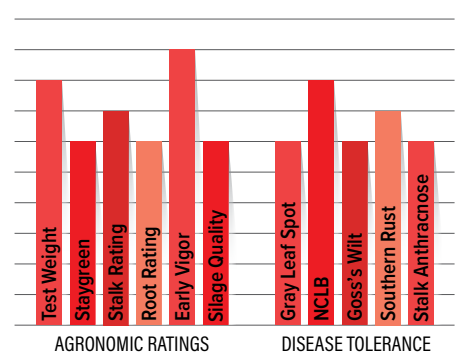
- Big yields with good silage quality and tonnage potential! Handles low-yield environments well. Fast emergence leads to solid test weight and a girthy ear.

WEAKNESSES

- Taller plant will leave more plant residue after harvest. Average disease protection characteristics.

POSITIONING

- Broad placement is suggested, as this hybrid has top-end yield potential in fertile ground but also performs well in the tough ground. It does respond well to fertility inputs, as well as fungicide applications from planting time to late season.



H4222

92 DAY

GDUS TO MID-POLLINATION: 1200
 GDUS TO BLACK LAYER: 2320
 POLLINATION FOR MATURITY: LATE
 EAR TYPE: FLEX
 COB COLOR: RED



KEY STRENGTHS

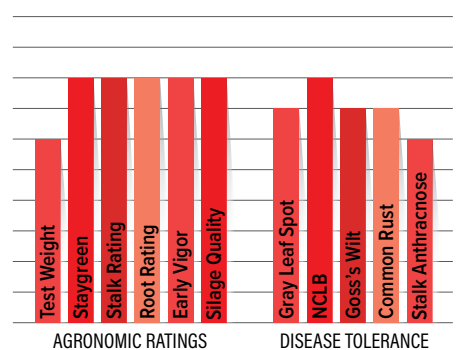
- Consistent performance. Very acre friendly hybrid that fits across your whole farm.

WEAKNESSES

- Average disease tolerance.

POSITIONING

- Good stress tolerance and nice ear flex for length. Place this anywhere and push it with fertility and intensive crop management.



H4322

KEY PRODUCT

93 DAY

GDUS TO MID-POLLINATION: 1230
 GDUS TO BLACK LAYER: 2320
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: FLEX
 COB COLOR: RED



KEY STRENGTHS

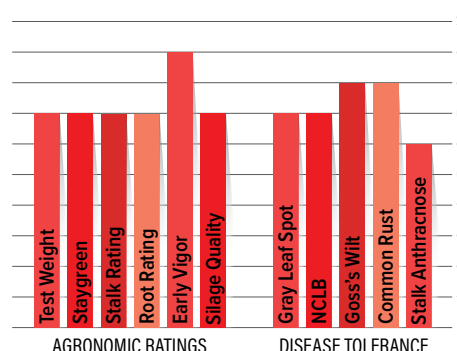
- Yield winner that fits all acres! Racehorse type of yielder with stalks, roots, and defensive traits like Goss's tolerance to fit anywhere on your farm. One of the faster out of the ground, as well.

WEAKNESSES

- Average tolerance to gray leaf spot and northern corn leaf blight.

POSITIONING

- Flex ear hybrid that really responds to increased management. Great response to foliar fungicide and applied fertility. Makes a really nice dual purpose hybrid as well.



H4332

TOP PERFORMER

93 DAY

GDUS TO MID-POLLINATION: 1230
 GDUS TO BLACK LAYER: 2330
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

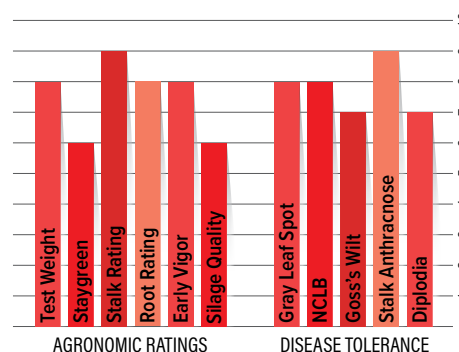
- South Dakota, Minnesota, and Wisconsin yield king at this maturity! Handles higher populations well with powerful roots and stalks. Strong emergence and early vigor with enhanced anthracnose stalk rot tolerance.

WEAKNESSES

- Goss's tolerance is only average.

POSITIONING

- Keep populations up to a medium high range for your area and feed this beast as it can produce top end yields. Responds well to in-furrow microbials like Alpha Complete.



H4462

94 DAY

GDUS TO MID-POLLINATION: 1240
 GDUS TO BLACK LAYER: 2350
 POLLINATION FOR MATURITY: LATE
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

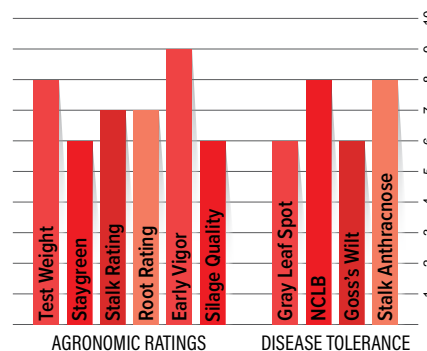
- Big plant with very strong yield data! Ear flexes well for length. Heavy test weight! Fast drydown.

WEAKNESSES

- Staygreen and Goss's tolerance are just average. Flowers a little later for its maturity.

POSITIONING

- The best fit is in zone for maturity and slightly south, as well. The Goss's tolerance suggests placement in low-pressure Goss's areas. Handles northern leaf blight well but still responds favorably to foliar fungicide applications, especially for tar spot and gray leaf spot.



H4522

KEY PRODUCT

95 DAY

GDUS TO MID-POLLINATION: 1230
 GDUS TO BLACK LAYER: 2350
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: FLEX
 COB COLOR: RED



KEY STRENGTHS

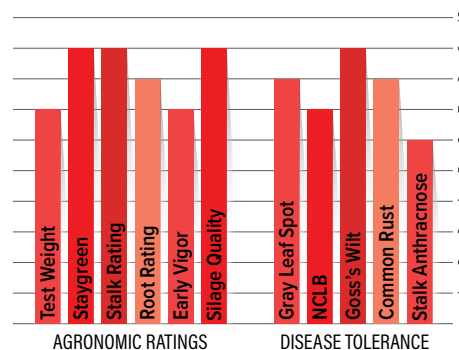
- Home run hitter! Explosive yields across high and low productivity fields. Callouts include staygreen, late season intactness, and Goss's and gray leaf spot tolerance.

WEAKNESSES

- Northern corn leaf blight tolerance is average.

POSITIONING

- This hybrid will flex for length and responds well to increased soil and applied fertility. Fungicide response is average, but improves greatly if northern corn leaf blight protection is needed. Planting time insecticide is recommended in areas of the country with moderate levels of rootworm or other soil insect pressure.



H4562

95 DAY

GDUS TO MID-POLLINATION: 1200
 GDUS TO BLACK LAYER: 2300
 POLLINATION FOR MATURITY: EARLY
 EAR TYPE: SEMI-DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

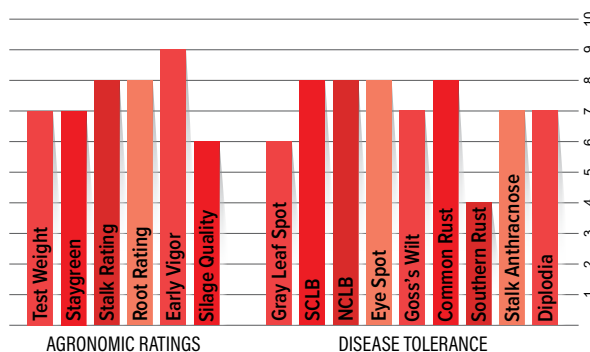
- Consistently strong yield performance! Medium-statured plant with great agronomics. Great fit for average to better ground.

WEAKNESSES

- Weak on southern rust.

POSITIONING

- With yield and strong agronomics, this hybrid has the makings of a big winner on your farm! Broad placement on the average to better ground. Works best in its maturity zone and north.



H4612

TOP PERFORMER

96 DAY

GDUS TO MID-POLLINATION: 1250
 GDUS TO BLACK LAYER: 2380
 POLLINATION FOR MATURITY: LATE
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

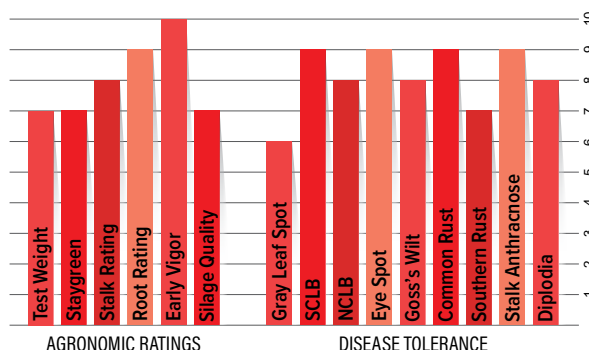
- Big yielder with stalks and roots to match! Excellent early vigor. Strong defensive package leads to consistently strong performance across most soil types. High level tolerance to anthracnose stalk rot. Handled dry soils well.

WEAKNESSES

- Only average on gray leaf spot tolerance.

POSITIONING

- Very good all-around hybrid with excellent yield potential! Ear has some flex for both length and girth. Plant this one first. Will reward you for slightly higher plant population and good fertility.



H4732

TOP PERFORMER

97 DAY

GDUS TO MID-POLLINATION: 1240
 GDUS TO BLACK LAYER: 2370
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

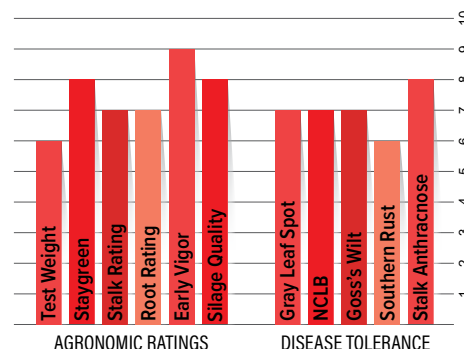
- Big, tall plant with awesome yield punch! Very high demand silage product that also delivers top yields with incredible test weight.

WEAKNESSES

- Sensitive to late dicamba applications.

POSITIONING

- Push this hybrid for top yields with fertility early for ear and plant development and late for heavy test weight. Prefers soil with good water-holding capacity. Responds well to planting time applications of microbial products like Alpha Complete.



H4842

KEY STRENGTHS

- Key hybrid at this maturity with yield, a durable plant-type, flex ear, and fast drydown. National placement line with a strong disease package.

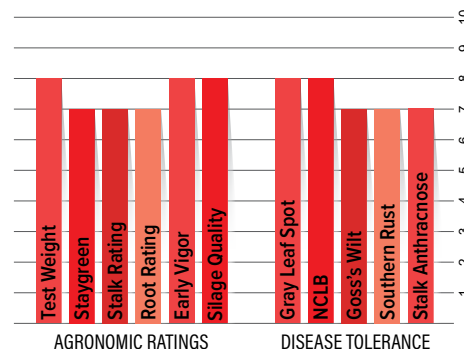
WEAKNESSES

- Has enough flex that it may not benefit from plant populations over 36,000.

POSITIONING

- Broad acre placement hybrid that fits on continuous corn acres (with planting time insecticide) or in a crop rotation. Flex ear responds to planting time fertility application as well as a timely split application in season around V5-V6. Loves in-furrow microbial products like Alpha Complete!

GDUS TO MID-POLLINATION: 1240
 GDUS TO BLACK LAYER: 2400
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: FLEX
 COB COLOR: RED



H4922

KEY STRENGTHS

- Big yielder for your better ground! Handles greensnap and Goss's well. Solid disease protection package. Responds well to increases in plant population.

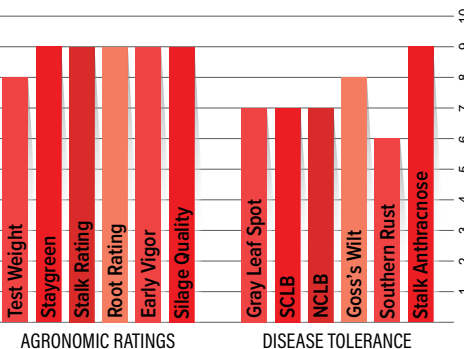
WEAKNESSES

- Prefers the better ground.

POSITIONING

- Really strong yielder but needs to be on above average ground with a medium high plant population to really stretch its legs. Responds very well to added fertility. Planting time insecticide is recommended to maximize root growth and performance regardless of rotation.

GDUS TO MID-POLLINATION: 1245
 GDUS TO BLACK LAYER: 2400
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



H4942

TOP PERFORMER

99 DAY

GDUS TO MID-POLLINATION: 1250
 GDUS TO BLACK LAYER: 2420
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

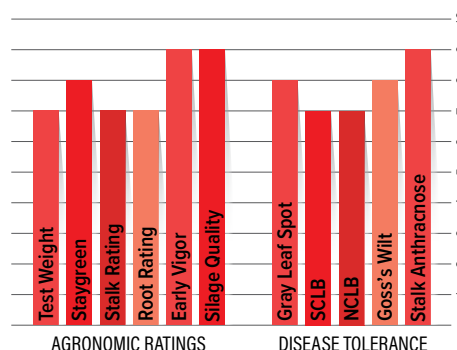
- National line with excellent top-end yield potential. Solid defensive package and very good drydown. Above average tar spot tolerance.

WEAKNESSES

- Average physoderma and test weight.

POSITIONING

- Another stud product in a crowded field of great Hefty Brand hybrids at this maturity. Still needs foliar fungicide protection, but this should be one of the hybrids you plant at this maturity, as its tar spot tolerance is a major upgrade. Responds well to fertility and in-furrow microbials like Alpha Complete.



H5062

KEY PRODUCT

100 DAY

GDUS TO MID-POLLINATION: 1240
 GDUS TO BLACK LAYER: 2430
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

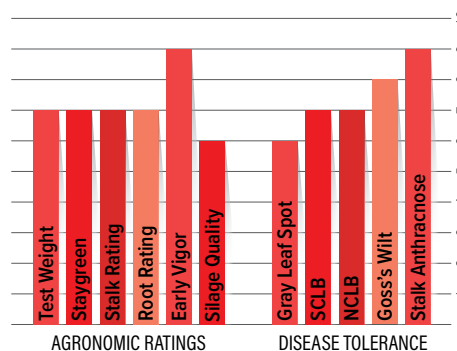
- Tough, short-statured hybrid that's FAST out of the ground! Strong drought tolerance and excellent agronomics make this a great choice. Flexes well for ear length and has very good tolerance for Goss's wilt.

WEAKNESSES

- Needs a foliar fungicide for help with gray leaf spot and northern leaf blight.

POSITIONING

- Great hybrid in many tough situations. Handles tar spot and Goss's wilt as well as any hybrid. May lack the extreme top-end yield on ideal ground. There should be a place for this product in almost every crop plan.



H5132

KEY STRENGTHS

- Girthy ear with tons of flex! National release with broad acre placement. Handles wet feet well and has enhanced tolerance to anthracnose stalk rot.

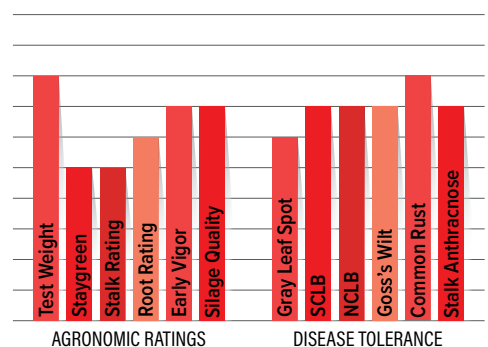
WEAKNESSES

- Disease tolerance is average.

POSITIONING

- This is a hybrid to shoot for 10 bushels of yield per 1000 plants. It has performed best at 34,000 population and less. It responds very well to banded fertility, beneficial microbial products, and foliar fungicide use. While it can handle the tough ground, it can also shoot for top yields.

GDUS TO MID-POLLINATION: 1220
 GDUS TO BLACK LAYER: 2430
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: FLEX
 COB COLOR: RED



H5212

KEY PRODUCT

102 DAY

GDUS TO MID-POLLINATION: 1220
 GDUS TO BLACK LAYER: 2440
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

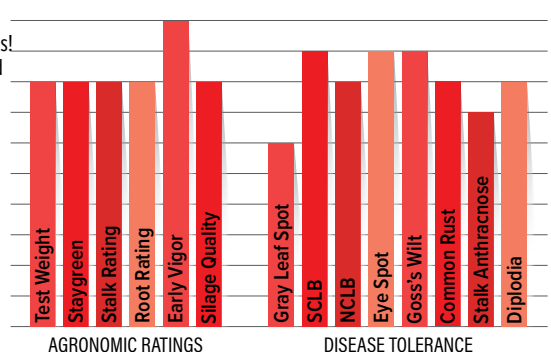
- High yielding hybrid with very good tolerance to Goss's Wilt! You'll want to plant this hybrid early and feed it to push yields! Flexes well for length. Taller hybrid with very good roots and stalks.

WEAKNESSES

- Average rating for gray leaf spot.

POSITIONING

- Works best in the variable to good ground. Responds very well to added fertility. This is not our lead selection for wet ground. Did show some sensitivity to high rates of ALS herbicides, especially pre-emerge. Don't skip the pre, though, as early weed control is key with this hybrid. Responds well to foliar fungicide applications, especially in gray leaf spot country where fungicides are routinely used.



H5432

KEY PRODUCT

104 DAY

GDUS TO MID-POLLINATION: 1270
 GDUS TO BLACK LAYER: 2445
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

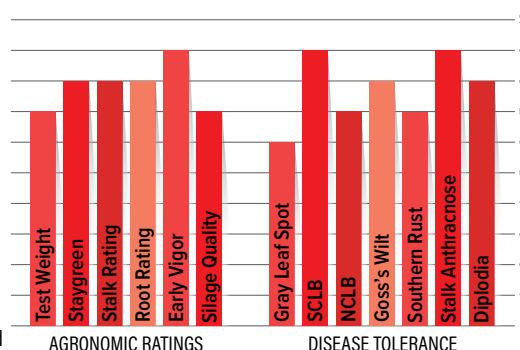
- Early riser! High yielding corn with outstanding early vigor. Handles stress well and works in all tillage systems. Enhanced protection from anthracnose stalk rot.

WEAKNESSES

- Stalks are good, but harvest timely.

POSITIONING

- The root system on H5432 is really good, and with the high level of early vigor you can expect a strong response to in-furrow microbials like Alpha Complete, as well as 2 X 2 or banded fertility. There is flex for girth, which will also be expressed with early fertility. Manage with foliar fungicides for disease as hybrid tolerance is average.



H5442

TOP PERFORMER

104 DAY

GDUS TO MID-POLLINATION: 1300
 GDUS TO BLACK LAYER: 2480
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

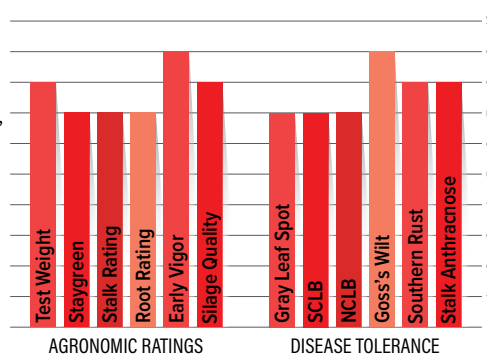
- Yield, full flex, and great Goss's wilt tolerance! You'll love this hybrid as it jumps out of the ground and maintains vibrant plant health throughout the season. Excellent drydown and a strong silage choice, as well. Handled tar spot better than other hybrids.

WEAKNESSES

- Average rating on gray leaf spot.

POSITIONING

- Broad acre placement of this flex ear hybrid. Fits on nearly all soil types and can handle lower planting populations. While it has a very strong disease protection package, foliar fungicide for gray leaf spot protection is recommended.



H5522

KEY PRODUCT

105 DAY

GDUS TO MID-POLLINATION: 1290
 GDUS TO BLACK LAYER: 2480
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

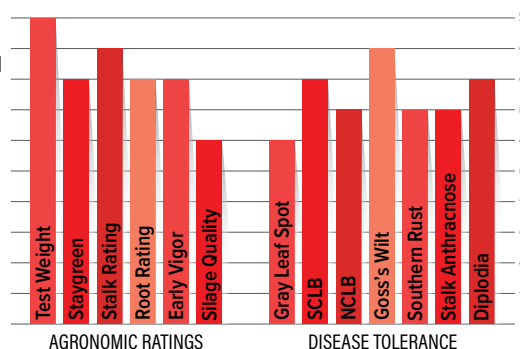
- Stress tolerant, high-yielding hybrid! Strong Goss's tolerance and excellent test weight. Great greensnap scores as well.

WEAKNESSES

- Ear type has a little less flex and a medium high population is preferred.

POSITIONING

- Keep the populations up over 25,000 in the stress zones and pour the coals to this hybrid with population, fertility, and foliar fungicides in the high yielding ground. Excellent low-end yield stability with great upside as well. Planting time insecticide is recommended in areas of the country with moderate levels of rootworm or other soil insect pressure.



H5812

TOP PERFORMER

108 DAY

GDUS TO MID-POLLINATION: 1260
 GDUS TO BLACK LAYER: 2500
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: PINK



KEY STRENGTHS

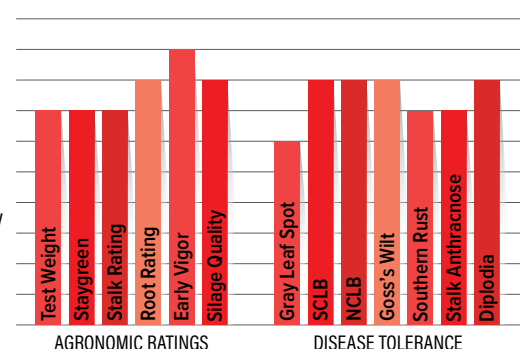
- Big yielder with really strong early vigor! Unique genetics with broad acre placement. Great roots and greensnap protection!

WEAKNESSES

- Racehorse hybrid with average disease protection.

POSITIONING

- Place this on good ground, fertilize well, and manage intensively to push for top yields! Broad acre placement mainly due to disease protection (especially Goss's). Responds very well to V5-V7 fungicide in addition to VT-R1 fungicide with more yield and improved staygreen.



H5832

KEY PRODUCT

108 DAY

GDUS TO MID-POLLINATION: 1270
 GDUS TO BLACK LAYER: 2500
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

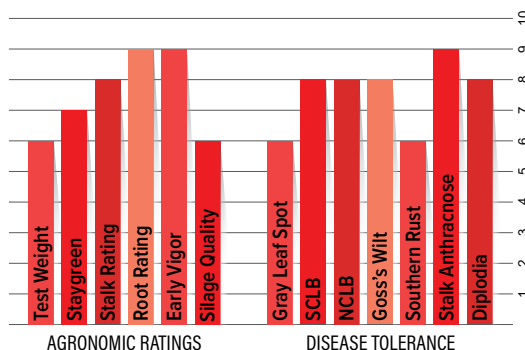
- Big yields and excellent plant structure! If you designed a corn plant, it would have strong roots and a healthy stalk that didn't have to be 10 feet tall to produce a big ear. This is that plant.

WEAKNESSES

- Doesn't like wet feet.

POSITIONING

- This is a stable hybrid that has excellent yield potential if you manage it well. You can push the population anywhere from medium to medium high for your area. It responds well to fertility and early planting. Foliar fungicide use is encouraged for help with diseases such as gray leaf spot but also to promote plant health and higher yields.



H5862

108 DAY

GDUS TO MID-POLLINATION: 1330
 GDUS TO BLACK LAYER: 2600
 POLLINATION FOR MATURITY: LATE
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

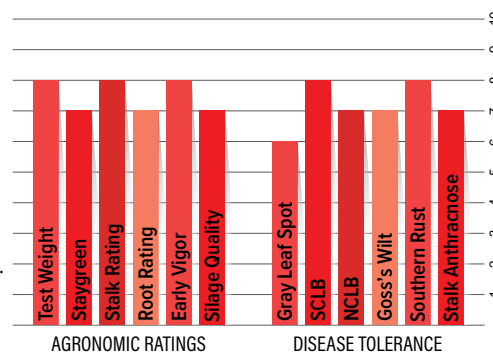
- Consistent winner! Showy hybrid with broad acre placement. Flexes well for ear length. Good Goss's tolerance. Strong roots and stalks.

WEAKNESSES

- Average gray leaf spot tolerance.

POSITIONING

- Fits on all soil types. Doesn't need excessive populations to reach top yields. Plant this one first as the early season vigor is strong, and it responds well to early planting and the use of beneficial soil microbes. Use foliar fungicides for improving plant health and providing disease protection. Best fit is on rotated ground.



H5952

109 DAY

GDUS TO MID-POLLINATION: 1320
 GDUS TO BLACK LAYER: 2580
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

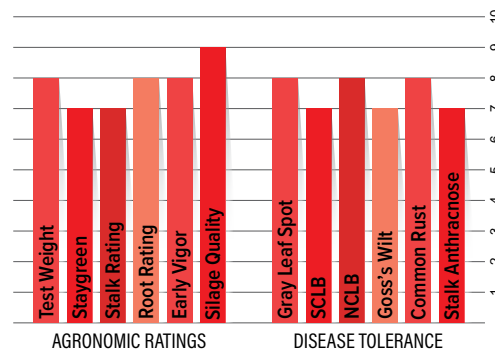
- National placement line with high yield and great stalks! Fantastic choice for grain or silage production on good to great land. Loves irrigation and fertility enhancements and flexes especially for length. Deep kernels and heavy test weight.

WEAKNESSES

- Average drought and Goss's wilt tolerances.

POSITIONING

- Use this hybrid on your good ground and push it for high yield. It will compete with anything else out there in those situations and is recommended for nationwide placement at this maturity. Flexes for length and prefers fertility inputs early in the season. Responds very well to Alpha Complete in-furrow.



H6042

KEY PRODUCT

110 DAY

GDUS TO MID-POLLINATION: 1320
 GDUS TO BLACK LAYER: 2590
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-DETERMINATE
 COB COLOR: RED



KEY STRENGTHS

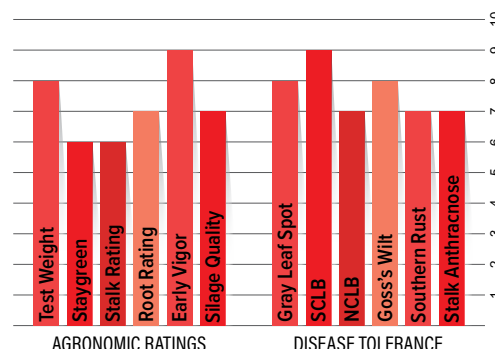
- Top-end yields! Aggressive hybrid with good Goss's and greensnap tolerance. Excellent drydown will move this to the front of your harvest order.

WEAKNESSES

- Physoderma and late season health.

POSITIONING

- This is your racehorse product to go for big yields. As a bonus, it will handle most diseases pretty well other than physoderma. The key is to get your N:K ratio right. You need N for high yield, but don't overdo the N or the planting population. Harvest timely and you'll love the performance of this hybrid.



H6132

TOP PERFORMER

111 DAY

GDUS TO MID-POLLINATION: 1315
 GDUS TO BLACK LAYER: 2650
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

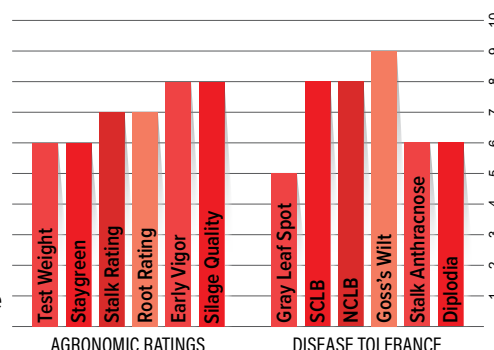
- National placement line with yield and excellent Goss's wilt tolerance! Strong roots and early plant vigor make this an ideal candidate for early planting. Has flex for lower populations and yields well at medium high populations, too.

WEAKNESSES

- Gray leaf spot tolerance is only average and will need to be addressed with a foliar fungicide at tasseling time.

POSITIONING

- Completely diverse genetics that will add yield punch to your program and spread your risk at the same time. Excellent yield potential can be reached through a balanced fertility plan with plenty of potassium in relationship to nitrogen. Expect a strong response to foliar fungicides, especially at R1. Best-in-class protection from Goss's wilt is a nice feature, as well.



H6252

112 DAY

GDUS TO MID-POLLINATION: 1325
 GDUS TO BLACK LAYER: 2650
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

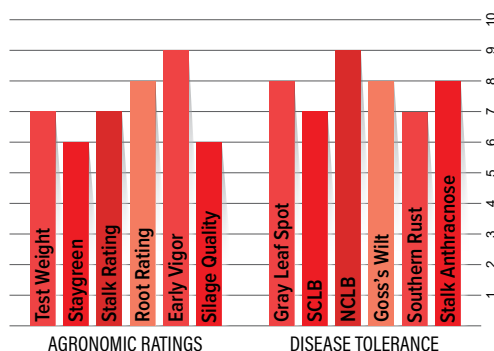
- Top-end flex hybrid that can handle higher populations! One of the better physoderma and Goss's products we've seen and has a great overall disease tolerance package. Powerful roots and stalks help it hold up and display an attractive harvest appearance.

WEAKNESSES

- Use a foliar fungicide for tar spot protection.

POSITIONING

- Very strong yielder that doesn't have a lot of holes. Plant it. Push for high yields with best management practices, and sleep pretty easily. The disease tolerance package is exceptional. You can push populations with this one if you need to, but there's some pretty good flex here, too. Performs on the drought stress acre!



H6332

TOP PERFORMER

113 DAY

GDUS TO MID-POLLINATION: 1330
 GDUS TO BLACK LAYER: 2640
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

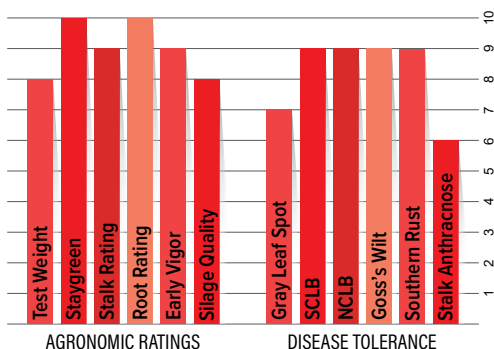
- Yield and stability! Strong roots and stalks with good late-season plant health and intactness.

WEAKNESSES

- Tolerance to stalk anthracnose and physoderma is below average.

POSITIONING

- Use this hybrid in fields following another crop besides corn. It doesn't have a huge amount of ear flex, so planting a medium high population for your area is advised. It has good herbicide tolerance overall but is sensitive to late applications of dicamba. The response to added fertility and foliar fungicides is very good.



H6532

TOP PERFORMER

115 DAY

GDUS TO MID-POLLINATION: 1330
 GDUS TO BLACK LAYER: 2670
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED



KEY STRENGTHS

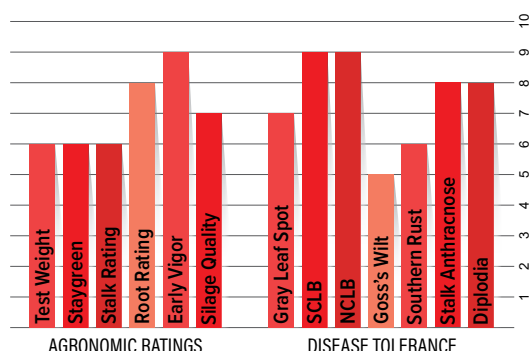
- Top yielder! This is the VT Double PRO® version of H6524 with added protection for anthracnose stalk rot. Fast emergence with very good stalks and roots. Excels under irrigation and has broad acre potential.

WEAKNESSES

- Average on gray leaf spot and needs protection from southern rust.

POSITIONING

- Plant this early under irrigation and on your high yield potential ground. You will need to manage with foliar fungicides for disease protection. Plant at a medium high population for best results.



H6552

115 DAY

GDUS TO MID-POLLINATION: 1360
GDUS TO BLACK LAYER: 2700
POLLINATION FOR MATURITY: LATE
EAR TYPE: FLEX
COB COLOR: RED



KEY STRENGTHS

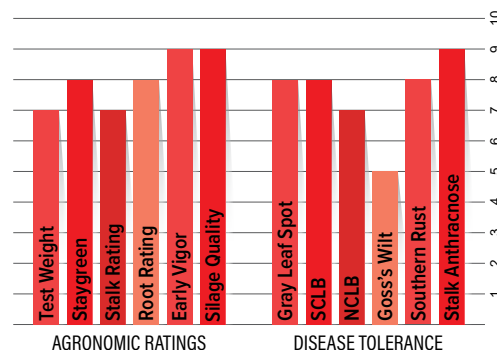
- Powerful yielder! Add to that ASR tolerance and top-notch agronomics, strong test weight, and ear flex for length. Also a great silage choice!

WEAKNESSES

- Goss's wilt tolerance is weak.

POSITIONING

- Yield is so good this will get pushed everywhere, and it does have broad acre placement potential. The best placement potential is on the East Coast. In the Midwest, moving south into the 115-day to 120-day market rather than moving too far north is where we've seen the best success. Avoid the Goss's acres.



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.

DroughtGard[®], RIB Complete[®], Roundup Ready 2 Technology and Design[®], Roundup Ready[®], Roundup[®], SmartStax[®], Trecepta[®], Trecepta[®] RIB Complete[®], and VT Double PRO[®] are trademarks of Bayer Group. Respect the Refuge and Corn Design[®] and Respect the Refuge[®] are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners.

Insect control technology provided by **Vip3A** is utilized under license from Syngenta Crop Protection AG. Agrisure Viptera[®] is a registered trademark of a Syngenta group company.

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

SmartStax[®] PRO corn products will be commercially available for the 2022 growing season.



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/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.

DROUGHTGARD® HYBRIDS CAN DO MORE WITH LESS WATER

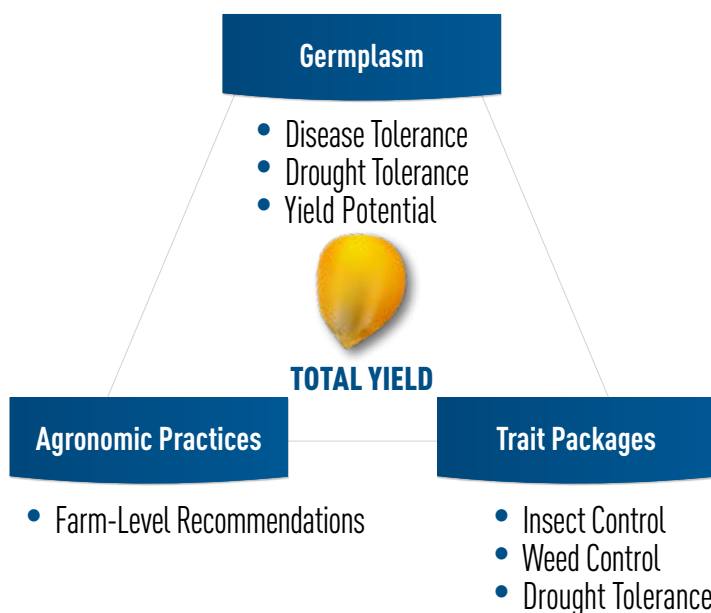
DroughtGard®
HYBRIDS

DroughtGard® Hybrids corn products are part of a systems approach to help farmers manage risk by mitigating yield loss caused by drought. The system offers farmers improved genetics, agronomic practice recommendations and the industry's first and only drought-tolerant biotech trait to help corn do more with less water, which can result in increased kernel numbers and reduced frequency of barren plants, providing the opportunity to reduce yield loss in certain drought conditions.

YIELDS IN EVERY GROWING CONDITION

- The only corn product with a biotech trait for drought tolerance
- Minimizes risk and helps maximize yield potential with the water you have
- Protects when there is drought stress
- Proven to yield in:
 - Dryland conditions
 - Limited irrigation
 - Well-watered conditions

A SYSTEMS APPROACH HELPING FARMERS MANAGE RISK



>5 bu/a ADVANTAGE*
versus drought-tolerant competitors



*2013-2015 Monsanto Trials across the Western Great Plains and Corn Belt. All trials are head-to-head comparisons using +/- 2 RMs and calculated using 15 percent moisture. Data represents weighted average results of leading DroughtGard® Hybrids products vs. drought-tolerant competitors.

DroughtGard® HYBRIDS

VTDoublePRO® RIB COMPLETE®



HOW IS DROUGHTGARD® DIFFERENT FROM OTHER COMPETITIVE “DROUGHT-TOLERANT” BRANDS?

First of all, DroughtGard® corn hybrids contain the only drought-tolerant biotechnology trait for corn on the market. Other hybrids marketed as “drought-tolerant” but not containing the DroughtGard® trait brand are simply just hybrids observed to stay greener longer in low rainfall environments. The biotechnology trait in DroughtGard hybrids helps plants create essential proteins for growth even when water is scarce.

The DroughtGard® Hybrids trait is a part of a systems approach that combines best agronomic recommendations, germplasm selected for top-end yield potential, and superior drought-tolerance characteristics. Here are four things that can help any hybrid be more drought or stress tolerant.

- ▶ **SEED TREATMENT** – Hefty Brand Corn is treated with Hefty Complete Corn Seed Treatment which contains a number of naturals to improve drought and stress tolerance.
- ▶ **BALANCED FERTILITY** – Providing balanced and ample fertility allows your crop to lower its water usage required to take up nutrients.
- ▶ **SOIL STRUCTURE** – Reducing compaction allows your roots to grow deeper faster in pursuit of water and nutrients.
- ▶ **FOLIAR TREATMENTS** – Plant health fungicides as well as Hefty Naturals products like Heat Shield and Weather King can help reduce plant stress during hot, dry weather.

Additional agronomic tips for managing your DroughtGard® corn include following all the management tips from page 10 & 16. They also apply to your DroughtGard® corn.

WEED CONTROL – DroughtGard® hybrids feature tolerance to Roundup® herbicide, as well as the conventional corn herbicides you’ve used for years. These hybrids are not tolerant to Liberty® like SmartStax® corn. For more herbicide recommendations, visit the Roundup Ready® corn section on page 38.

H4653

KEY PRODUCT

96 DAY

GDUS TO MID-POLLINATION: 1240
GDUS TO BLACK LAYER: 2370
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: FLEX
COB COLOR: RED



KEY STRENGTHS

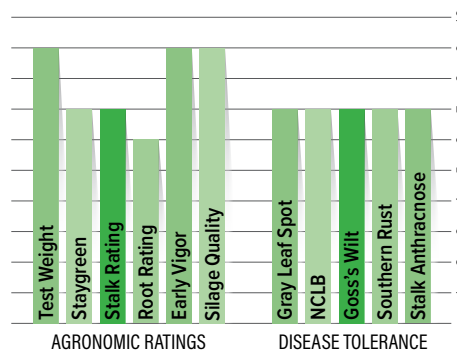
- Full flex hybrid with DroughtGard for the tough, low-population acre! Big, tall corn with dual-purpose potential.

WEAKNESSES

- Higher ear placement. Average disease protection.

POSITIONING

- Ideal for populations of 30,000 or less on lighter or otherwise stressy ground. Flex hybrid that responds to banded and/or early-season fertility. Tall hybrid that would make good silage, as well. If you are in an area where disease pressure is common, use a foliar fungicide.



H4933

TOP PERFORMER

99 DAY

GDUS TO MID-POLLINATION: 1250
GDUS TO BLACK LAYER: 2410
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: PINK



KEY STRENGTHS

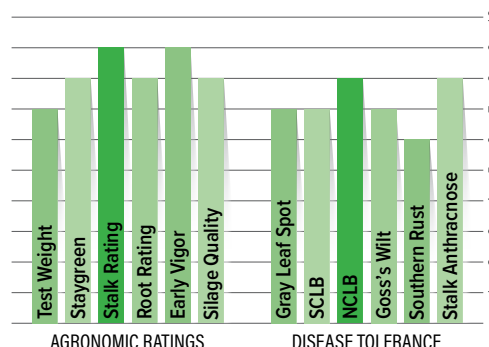
- Gamechanger! Emergence and early vigor are off the charts, and it closes the rows quickly. Top-end yielder!

WEAKNESSES

- Average tolerance to Goss's wilt and gray leaf spot.

POSITIONING

- This is a hybrid to fall in love with quickly as it responds to fertility, increased population, and in-furrow applications of microbial products like Alpha Complete. It has the ability to put on sizable tillers to feed the plant late in the season more reliably than the roots can. Use a fungicide for gray leaf spot protection mid to late season.



100 DAY

H5003

TOP PERFORMER

GDUS TO MID-POLLINATION: 1250
GDUS TO BLACK LAYER: 2420
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

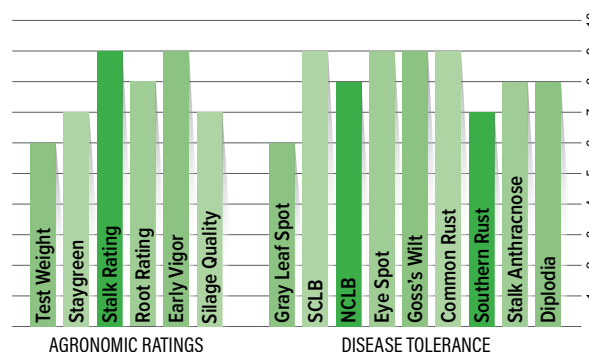
- Big time yield potential and drought protection, too! Solid defensive package with consistent performance and excellent roadside appeal all season. Excellent roots and stalk! Very good Goss's wilt tolerance.

WEAKNESSES

- Only average on gray leaf spot.

POSITIONING

- Definitely a hybrid to add to your portfolio. Takes on and excels versus competition in tougher ground. Semi-flex ear responds to variable populations.



H5373

NEW

103 DAY

GDUS TO MID-POLLINATION: 1270
GDUS TO BLACK LAYER: 2445
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

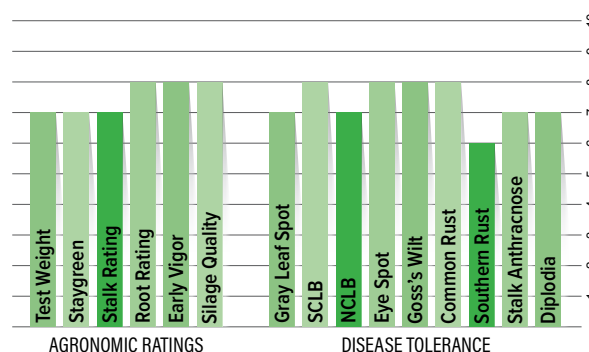
- DroughtGard[®] hybrid with a great fit on your toughest acres! Flex ear product with strong early vigor and big roots! Strong plant intactness and stay green in the fall. Very good disease tolerance package.

WEAKNESSES

- Lower planting populations help improve stalk diameter.

POSITIONING

- Tough-guy hybrid with strong enough yield data to compete with most anything. Its biggest advantage is on your variable acre where its flex ear can add kernels and kernel depth to take advantage of fertility and water. This is not recommended for continuous corn, but fits almost everywhere else. Use lower planting populations to avoid thinner stalks and potential lodging.



H6263

112 DAY

GDUS TO MID-POLLINATION: 1340
GDUS TO BLACK LAYER: 2660
POLLINATION FOR MATURITY: LATE
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

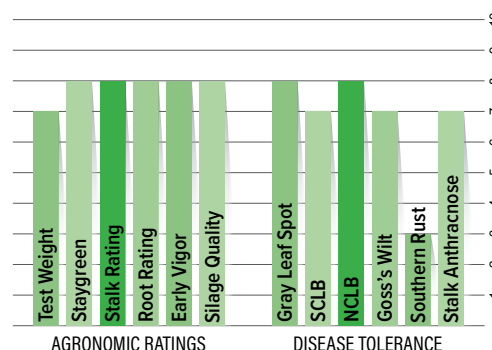
- Top-end yield hog! Handles the heat well. Works best on good to great soils. Tons of ear flex for girth, kernel depth, and test weight. Big silage producer, as well.

WEAKNESSES

- Eastern DroughtGard[®] product that does need some moisture to win.

POSITIONING

- Use this hybrid on your good ground and push it for big time yields. Responds very well to banded fertilizer and beneficial microbes to help improve nutrient uptake. Prefers to be under irrigation or receive regular rains. It will flower a little early for its maturity, which is great for spreading risk among your hybrids and potentially lowering drying costs in the fall, too.



H6423

TOP PERFORMER

114 DAY

GDUS TO MID-POLLINATION: 1330
GDUS TO BLACK LAYER: 2640
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

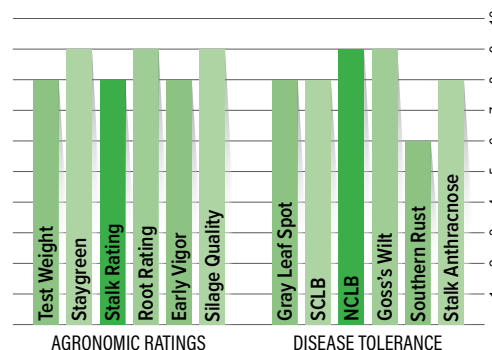
- Very high-yielding product with good Goss's tolerance! Handles gray leaf spot and northern corn leaf blight very well. Good dual-purpose option.

WEAKNESSES

- Physoderma.

POSITIONING

- National placement line with solid disease tolerance package and top-end yield potential. Avoid physoderma fields and don't over-populate. Loves P & K fertility and fertile soils.



Trecepta®
RIB COMPLETE®

BEST ABOVEGROUND INSECT PROTECTION

This premium aboveground insect protection trait package contains three unique modes of action to stop pests such as European corn borer, corn earworm, fall armyworm, black cutworm and western bean cutworm. Expect to see healthier stalks, cleaner ears, and improved grain quality even compared to top-of-the-line Bt products like VT Double PRO®.

- ▶ **Weed Control** – Trecepta® corn hybrids are tolerant to Roundup herbicides for added post-emerge grass and broadleaf control.
- ▶ **Insects** – While the aboveground insect protection Trecepta® provides is fantastic, you will need to apply a planting time insecticide to protect against corn rootworms, grubs, and secondary pests. Insecticides like Capture LFR are effective and have become very inexpensive. Scouting throughout the season is always recommended, as Bt products stop specific insects, but they do not kill all bugs that could possibly be in your fields.
- ▶ **Disease** – Trecepta® has been shown to help reduce disease pressure in stalks and especially ears by eliminating many of the worst insect pests. Using fungicides to help protect the plants from foliar diseases is still necessary.
- ▶ **Fertility** – Trecepta® helps allow the ear to fill out to the tip by reducing feeding from insects. Adding fertility around tasseling time with nitrogen, sulfur, and boron can help, too. Soil and plant tissue testing will help you identify which nutrients could help your yields on each acre.



100 DAY

H5055

GDUS TO MID-POLLINATION: 1230
GDUS TO BLACK LAYER: 2420
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: FLEX
COB COLOR: RED



KEY STRENGTHS

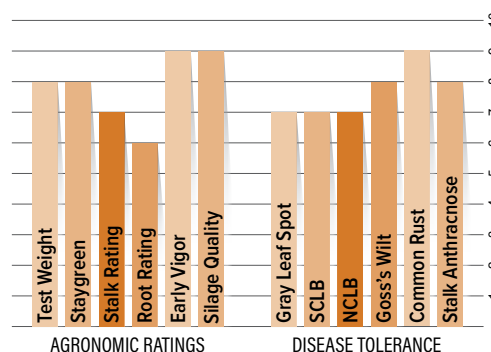
- Flex hybrid with outstanding grain and silage performance! Carries the Trecepta® trait for added insect protection. Large ear with deep kernels can handle low to high populations. Very good roots and stalks. Tolerant to Goss's wilt.

WEAKNESSES

- Use from Highway 281 and east to keep off extreme drought stress ground. Only average on gray leaf spot and northern corn leaf blight.

POSITIONING

- Use this hybrid on the good soils in medium to high yield environments. We have other products that are better fits for the stress ground. This is a fantastic silage option with very good quantity and quality! Benefits from a foliar fungicide, especially for GLS and NCLB. Capable of 10 bushels per 1000 seeds (it really flexes!), and it can work with high populations, too!



H5655

KEY PRODUCT

GDUS TO MID-POLLINATION: 1300
GDUS TO BLACK LAYER: 2460
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

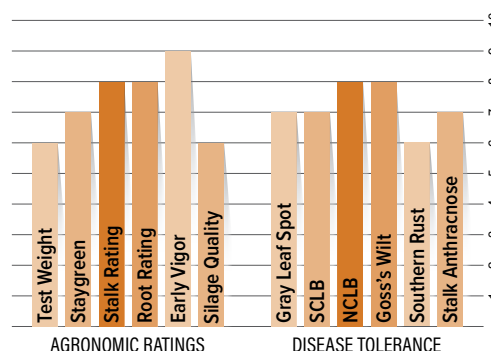
- Exciting Trecepta® hybrid with great fall appearance and solid stalks and roots! Shorter hybrid with nice tar spot tolerance. Has plenty of ear flex for medium populations.

WEAKNESSES

- Sensitive to dicamba, especially if sprayed late or at high rates. Shorter hybrid better suited for good to better ground.

POSITIONING

- Trecepta® hybrids are becoming quite popular, and this one has some nice yield and fall appearance. Choose this hybrid for its combination of yield and insect protection, but it's also a nice fit as it has more tolerance to tar spot than most. There's plenty of flex in this one, so you don't have to push populations.



H6145

TOP PERFORMER

GDUS TO MID-POLLINATION: 1330
GDUS TO BLACK LAYER: 2600
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-DETERMINATE
COB COLOR: RED



KEY STRENGTHS

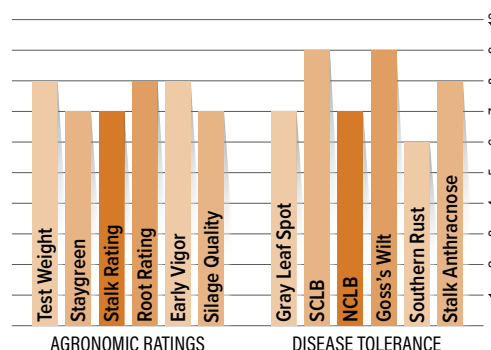
- Standout performer at 111 day! More yield punch with a solid all-around product. Trecepta makes a big difference on late-season earworm control, too.

WEAKNESSES

- Physoderma is fair. Gray leaf spot is average.

POSITIONING

- Use this on your good ground and treat with foliar fungicide to maximize performance. Great fit east to west across the country. Responds very well to in-furrow microbial products like Alpha Complete.



H6355

KEY PRODUCT

GDUS TO MID-POLLINATION: 1360
GDUS TO BLACK LAYER: 2650
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

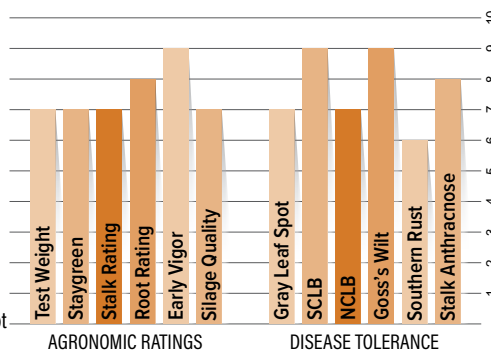
- Incredible early emergence and vigor leads to top performance and drydown in the fall! Handles Goss's wilt well and has an overall solid defensive package.

WEAKNESSES

- Southern rust and physoderma tolerances are low. Staygreen is average.

POSITIONING

- Strong-performing hybrid in good to excellent dryland soils and an excellent choice in irrigated acres. Good ear flex and best-in-class drydown make this a fit in nearly every farm operation. Gray leaf spot tolerance is a tick lower than our top hybrids, so a foliar fungicide application is recommended.



CONVENTIONAL HYBRIDS

If you choose to grow conventional corn, here are a few things to keep in mind that could help with your crop management this season.

► **Weed Control** – Without Roundup® or Liberty to help you kill weeds, you have to be smart. Start with a full rate of a Group 15 grass herbicide to stop the most expensive and damaging weeds in corn, namely annual grasses like the foxtail species. Don't use the weed killers that focus on broadleaf control, which is much cheaper to achieve post-emerge.

► **Insects** – Utilize a full rate of an in-furrow insecticide. The key with conventional corn is to keep the roots healthy and free of insects (and diseases) to improve nutrient uptake, stress tolerance, stability, and overall yield. Unless you're planting something like or SmartStax® or SmartStax® PRO, chances are good you need an insecticide. Also, scout regularly for aboveground insects and treat when necessary.

► **Disease** – Adding a fungicide or a combination of insecticide and fungicide when planting early is a good idea. If you are in a heavy disease pressure situation, it won't hurt to make that investment even when weather conditions are good. Xyway is a strong option for disease protection with a planting-time application. We prefer to see Xyway used in a 2 X 2 rather than in-furrow.

► **Fertility** – Consider in-furrow or 2 X 2 starter fertility to boost early performance. Keep rates small and use a low-salt fertilizer.

► **Microbes/Soil Health** – We've never seen as good a response from a natural package as we have with Alpha Complete. Try it in-furrow or in your 2 X 2 and see the difference! If you aren't set up to do that, Nutri-Shield talc on your seed is another great option.

THE REAL DIFFERENCE MAKER is Hefty Complete Seed Treatment on your Hefty Brand Corn. While other companies focus on conventional corn being cheap, we have added 37 components to our seed treatment to make your corn great! Dig some roots up early and throughout the season. Focus on setting your planter so every seed is placed perfectly. Finally, notice how fast your corn gets out of the ground with Hefty Complete!



H3730**TOP PERFORMER****87 DAY**

GDUS TO MID-POLLINATION: 1060
 GDUS TO BLACK LAYER: 2180
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED

CONVENTIONAL**KEY STRENGTHS**

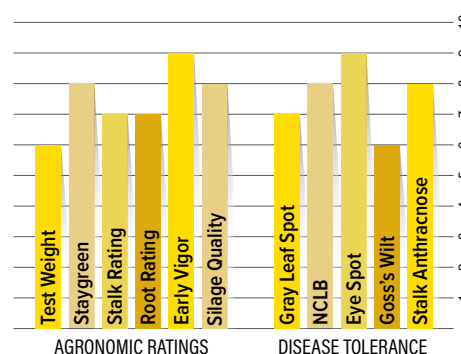
- Great top-end yield potential! Jumps out of the ground and exhibits very good plant health and staygreen throughout the season. Strong stalks holds up a very girthy ear!

WEAKNESSES

- Average rating on Goss's. Not for continuous corn.

POSITIONING

- Really strong top-end yields for this maturity! Fertilize for a higher yield goal and intensively manage this hybrid as it responds very well. Did see some response to high rates of ALS chemistries, especially pre-emerge. Avoid ALS chemistries, but don't skip the pre as yield is determined early with this hybrid as it flexes for girth often to 20 kernels around!

**H4210****KEY PRODUCT****92 DAY**

GDUS TO MID-POLLINATION: 1200
 GDUS TO BLACK LAYER: 2320
 POLLINATION FOR MATURITY: LATE
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED

CONVENTIONAL**KEY STRENGTHS**

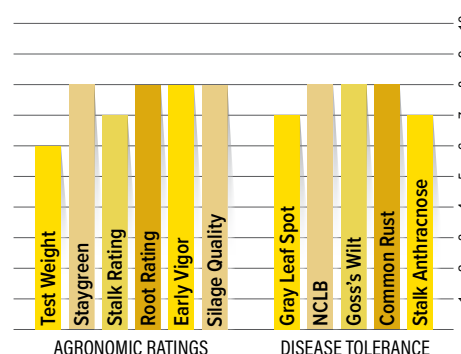
- Consistent performance. Very acre friendly hybrid that fits across your whole farm.

WEAKNESSES

- Average disease tolerance.

POSITIONING

- This is the conventional version of H4222, which is a very dependable hybrid. Good stress tolerance and nice ear flex for length. Place this anywhere and push it with fertility and intensive crop management. Utilize a full labeled rate of a Group 15 pre-emerge grass herbicide. Planting time insecticide is recommended.

**H4520****TOP PERFORMER****95 DAY**

GDUS TO MID-POLLINATION: 1230
 GDUS TO BLACK LAYER: 2350
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: FLEX
 COB COLOR: RED

CONVENTIONAL**KEY STRENGTHS**

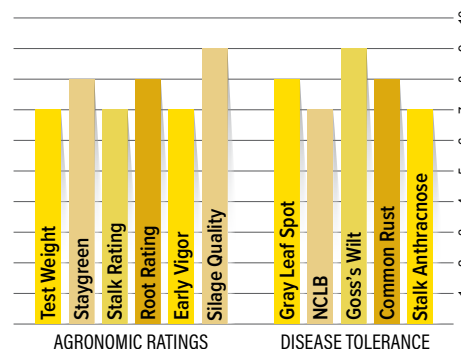
- Home run hitter closely related to H4522! Explosive yields across high and low productivity fields. Callouts include staygreen, late season intactness, and Goss's and gray leaf spot tolerance. Has a moderate level of native tolerance to 1st generation European corn borer.

WEAKNESSES

- Northern corn leaf blight tolerance is average.

POSITIONING

- This hybrid will flex for length and responds well to increased soil and applied fertility. Fungicide response is average, but improves greatly if northern corn leaf blight protection is needed. Planting time insecticide is recommended in areas of the country with moderate levels of rootworm or other soil insect pressure.

**H4630****KEY PRODUCT****96 DAY**

GDUS TO MID-POLLINATION: 1250
 GDUS TO BLACK LAYER: 2380
 POLLINATION FOR MATURITY: LATE
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED

CONVENTIONAL**KEY STRENGTHS**

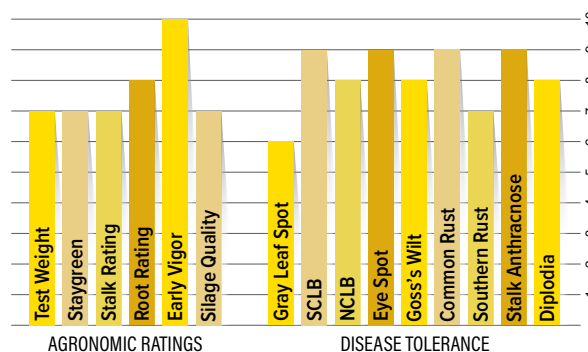
- Big yielder with stalks and roots to match! Excellent early vigor. Strong defensive package leads to consistently strong performance across most soil types. High level tolerance to anthracnose stalk rot. Handled dry soils well.

WEAKNESSES

- Only average on gray leaf spot tolerance.

POSITIONING

- Very good all-around hybrid with excellent yield potential! Ear has some flex for both length and girth. Plant this one first. Will reward you for slightly higher plant population and good fertility.



CONVENTIONAL

H4930

TOP PERFORMER

99 DAY

GDUS TO MID-POLLINATION: 1245
GDUS TO BLACK LAYER: 2400
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED

CONVENTIONAL

KEY STRENGTHS

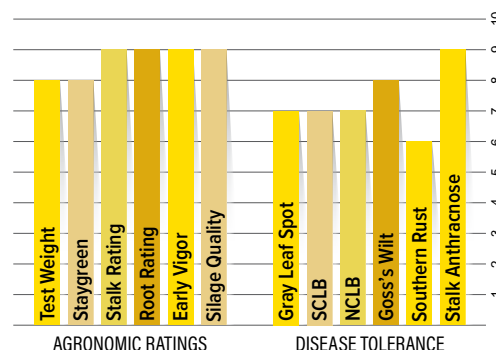
- Big yielder for your better ground! Handles greensnap and Goss's well. Solid disease protection package. Responds well to increases in plant population.

WEAKNESSES

- Prefers the better ground.

POSITIONING

- Really strong yielder but needs to be on above average ground with a medium high plant population to really stretch its legs. Responds very well to added fertility. Planting time insecticide is recommended to maximize root growth and performance regardless of rotation.



H5010

100 DAY

GDUS TO MID-POLLINATION: 1250
GDUS TO BLACK LAYER: 2420
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: PINK

CONVENTIONAL

KEY STRENGTHS

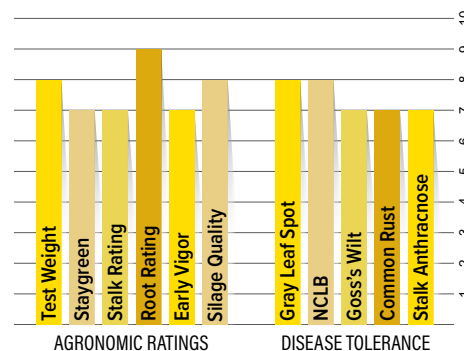
- Strong hybrid with incredible root growth! Does a great job exploring more soil to find nutrients and water resulting in very good stress tolerance. Ear flexes for length and has very good grain quality.

WEAKNESSES

- Average disease tolerance levels.

POSITIONING

- This is a proven performer with stress tolerance and ear flex. Strong roots but average stalks and disease tolerance, so protect it in the higher moisture climates and utilize planting time insecticides. Utilize a full labeled rate of a Group 15 pre-emerge grass herbicide.



H5020

100 DAY

GDUS TO MID-POLLINATION: 1250
GDUS TO BLACK LAYER: 2420
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED

CONVENTIONAL

KEY STRENGTHS

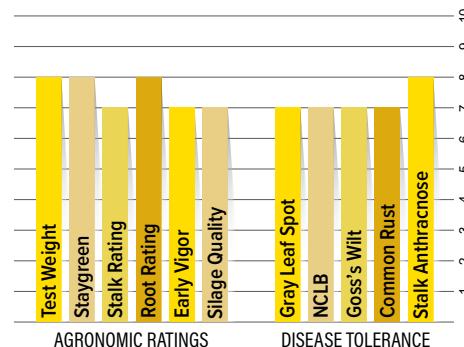
- Long ears and big yields! Proven conventional winner with great ear flex for length. Very good grain quality and late season intactness.

WEAKNESSES

- Average disease tolerance.

POSITIONING

- Utilize a full labeled rate of a Group 15 pre-emerge grass herbicide. Push fertility levels as this hybrid responds well to added nutrition. Foliar fungicide use is advised in areas where diseases are commonly present. Planting time insecticide is recommended in areas of the country with moderate levels of rootworm or other soil insect pressure.



H5030

KEY PRODUCT

100 DAY

GDUS TO MID-POLLINATION: 1230
GDUS TO BLACK LAYER: 2420
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED

CONVENTIONAL

KEY STRENGTHS

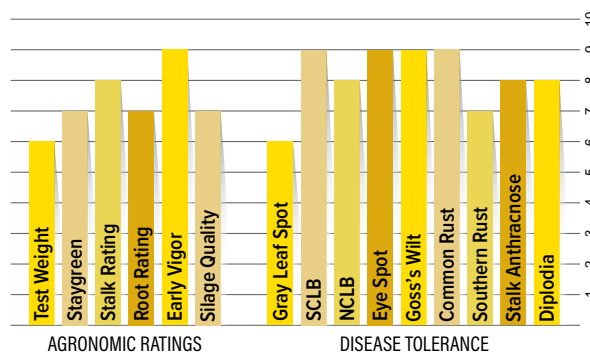
- Big-time yielder with great stalks and roots! Solid defensive package, as well, with consistent performance and roadside appeal all season. Very good Goss's wilt tolerance.

WEAKNESSES

- Only average on gray leaf spot.

POSITIONING

- This is the conventional version of H5003, which is one of our top-selling hybrids. It has been very dependable and holds up well to stress. It also responds very favorably to in-furrow applications of insecticide and microbial products like Alpha Complete. It has a decent amount of ear flex to it and works in a variety of populations and soil types.



H5230**TOP PERFORMER****102 DAY**

GDUS TO MID-POLLINATION: 1220
 GDUS TO BLACK LAYER: 2440
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED

CONVENTIONAL**KEY STRENGTHS**

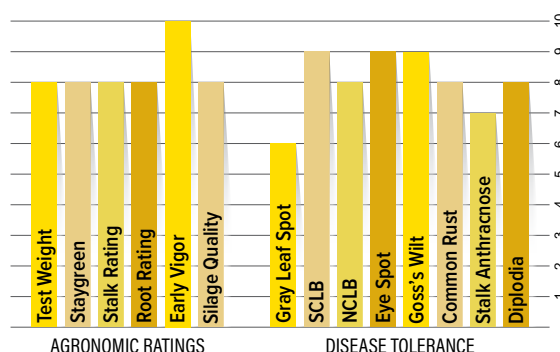
- Home run hitter! This is a great hybrid to plant early and feed well. Good flex for ear length and very good tolerance to Goss's wilt. Strong stalks and roots, as well.

WEAKNESSES

- Doesn't like wet feet and has an average rating for gray leaf spot.

POSITIONING

- Works best in variable to good ground. Responds very well to added fertility. This is the conventional version of H5212, which is a very successful and proven hybrid. Responds well to foliar fungicides and in-furrow applications of microbial products such as Alpha Complete and insecticide.

**H5660****KEY PRODUCT****106 DAY**

GDUS TO MID-POLLINATION: 1270
 GDUS TO BLACK LAYER: 2480
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: SEMI-FLEX
 COB COLOR: RED

CONVENTIONAL**KEY STRENGTHS**

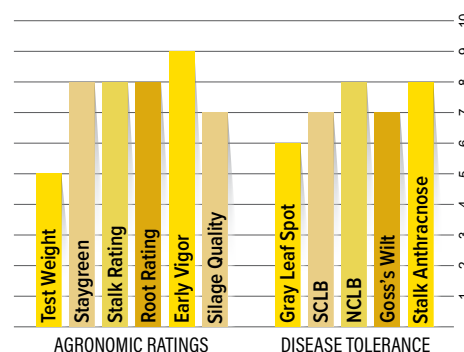
- High-yielding conventional line with outstanding emergence and early vigor! Girthy ears and deep kernels at harvest! Better tar spot tolerance than most. Solid overall plant structure and defense.

WEAKNESSES

- Average on gray leaf spot.

POSITIONING

- This is the hybrid you want on your good ground with high yield potential. Feed it early to accentuate the ear girth. Have available nutrition late to deepen the kernels. Use foliar fungicides to keep this plant as healthy as possible through the season, as well. The root system has been shown to respond to the addition of beneficial microbes.

**H5870****NEW****108 DAY**

GDUS TO MID-POLLINATION: 1310
 GDUS TO BLACK LAYER: 2720
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: FLEX
 COB COLOR: RED

CONVENTIONAL**KEY STRENGTHS**

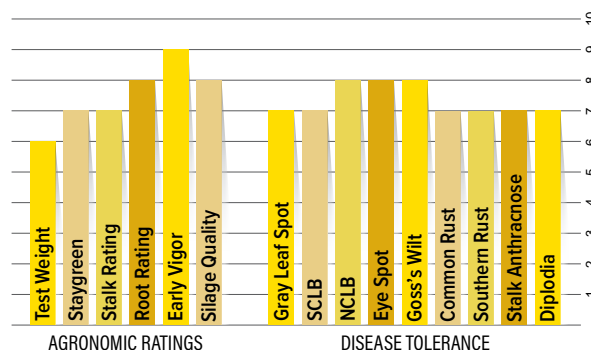
- One of the most exciting new conventional hybrids to come out of our testing program! Tremendous ear girth and deep, deep kernels. Good tolerance to tar spot and Goss's wilt.

WEAKNESSES

- Average test weight. Performs the best on better soils.

POSITIONING

- Place this on your good to better ground and shoot for high yields! With excellent flex for ear girth, this hybrid benefits from early-season available fertility (pop-up or 2 X 2). With flex for kernel depth, ensure late-season nutrient availability or foliar application. This hybrid expresses above average tolerance for tar spot and other diseases, but will still benefit from in-season fungicide applications.

**H6170****NEW****111 DAY**

GDUS TO MID-POLLINATION: 1310
 GDUS TO BLACK LAYER: 2660
 POLLINATION FOR MATURITY: MEDIUM
 EAR TYPE: FLEX
 COB COLOR: PINK

CONVENTIONAL**KEY STRENGTHS**

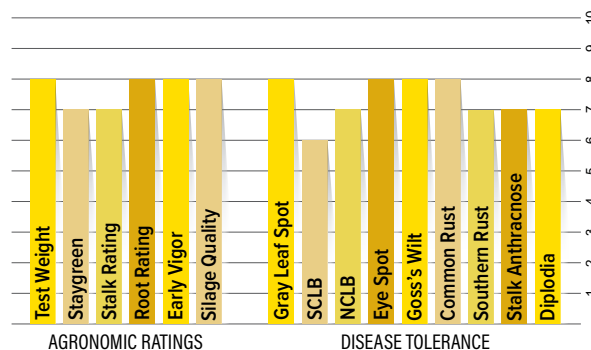
- Top-end yielder for your best ground! If you feed this hybrid season-long, it will produce a girthy ear with deep kernels and showcase the grain quality and test weight you long for. Could be a nice silage hybrid, as well.

WEAKNESSES

- Average disease tolerance, so avoid continuous corn and use foliar fungicides. Also avoid poor soils.

POSITIONING

- Top conventional hybrid for your good to better soils. Feed this well all season to achieve the best potential yields. Responds very well to higher management, including planting-time fertility applications, Alpha Complete in-furrow, Xyway in a 2 X 2 placement, and foliar fungicide applications.



**Roundup
Ready®
CORN 2**

HERBICIDE TOLERANT / NO Bt's

If you don't need Bt's for insect protection, Roundup Ready® Corn 2 hybrids could be the best choice for your farm! With tolerance to Roundup herbicide, your production costs controlling grass escapes and other tough weeds could be significantly less than with conventional corn hybrids. Here are a few tips to get the most out of your Roundup Ready® Corn 2 hybrids this year:

► **Weed Control** – Start with a great pre-emerge herbicide program. If broadleaf weeds are your top concern choose a combination broadleaf and grass herbicide to address your toughest weed problem. If grass control is your biggest issue, choose a straight Group 15 herbicide and use it at the full labeled rate. With Roundup as part of your post emerge program, you can inexpensively and effectively clean up almost any annual grass weed.

► **Insects** - Utilize in-furrow insecticide. The key with Roundup Ready® corn is to keep the roots healthy and free of insects (and diseases) to improve nutrient uptake, stress tolerance, stability, and overall yield. Unless you're planting something like SmartStax® or SmartStax® PRO, chances are good you need an insecticide. Also, scout regularly for aboveground insects and treat when necessary.

► **Disease** - Adding a fungicide or a combination of insecticide and fungicide when planting early is a good idea. If you are in a heavy disease pressure situation, it won't hurt to make that investment even when weather conditions are good. Xyway is a strong option for disease protection with a planting-time application. We prefer to see Xyway used in a 2 X 2 rather than in-furrow.

► **Fertility** - Consider in-furrow or 2 X 2 starter fertility to boost early performance. Keep rates small and use a low-salt fertilizer.

► **Microbes/Soil Health** – We've never seen as good a response from a natural package as we have with Alpha Complete. Try it in-furrow or in your 2 X 2 and see the difference! If you don't have in-furrow or 2 X 2 capabilities, Nutri-Shield is a strong alternative. Nutri-Shield from Hefty Naturals is the best talc-based planter box additive we've seen.

► **Hefty Complete Seed Treatment on your Hefty Brand Corn is a difference maker, too.** Dig some roots up early and throughout the season. Focus on setting your planter so every seed is placed perfectly. Finally, notice how fast your corn gets out of the ground with Hefty Complete!



H2941

TOP PERFORMER

79 DAY

GDUS TO MID-POLLINATION: 990
GDUS TO BLACK LAYER: 1960
POLLINATION FOR MATURITY: EARLY
EAR TYPE: SEMI-DETERMINATE
COB COLOR: RED



KEY STRENGTHS

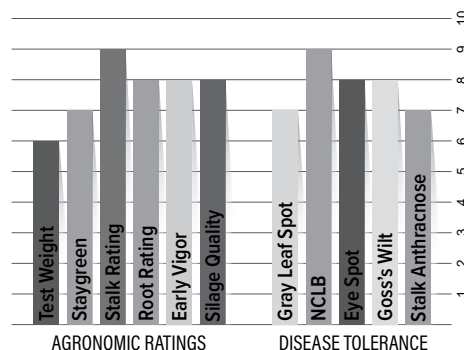
- Top yields with great drydown! This hybrid runs north and south very well. Excellent grain quality with a dark-colored kernel. Handles high yield environments and stress ground very well.

WEAKNESSES

- Average staygreen in the fall.

POSITIONING

- Lead Roundup Ready® product at this maturity with top yield potential if managed well for fertility and pests. Benefits from additional fungicide, insecticide, and low use rates of fertilizer at planting time.



H3131

KEY PRODUCT

81 DAY

GDUS TO MID-POLLINATION: 1000
GDUS TO BLACK LAYER: 1980
POLLINATION FOR MATURITY: EARLY
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

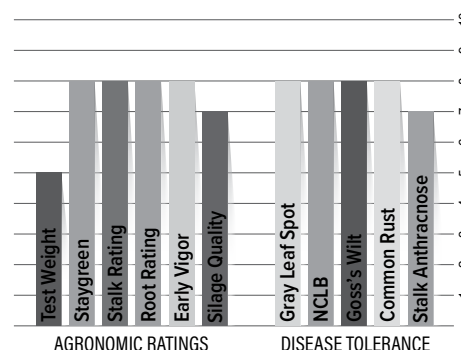
- Versatile hybrid that dominates in variable environments and under stress. Strong disease package includes protection from Goss's Wilt and northern corn leaf blight. Fits on all soil types.

WEAKNESSES

- Average test weight.

POSITIONING

- This is a "place anywhere" kind of hybrid that does respond well to increased management including precision fertility, fungicide applications, increased planting populations, and even narrow row spacings. Works well even in continuous corn situations with in-furrow insecticide.



H3301

83 DAY

GDUS TO MID-POLLINATION: 1000
GDUS TO BLACK LAYER: 2000
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

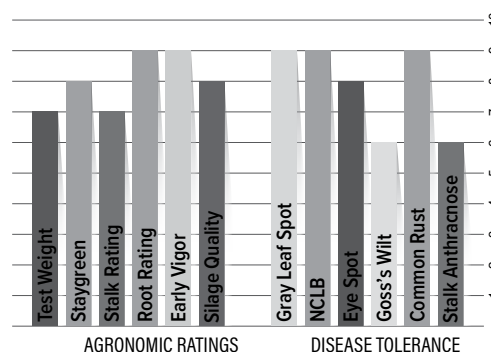
- Shorter plant type that puts its energy into yield and test weight. Very early flowering. Use this as your full season hybrid. Stands well into harvest. Strong disease tolerance package.

WEAKNESSES

- Drydown is a little slower to due generally heavy test weight. Some prefer taller plants for dual purpose use.

POSITIONING

- Agronomic characteristics and disease tolerance levels lead to wide placement for this very good hybrid. Stands well to allow for proper drydown at harvest.



H3641

TOP PERFORMER

86 DAY

GDUS TO MID-POLLINATION: 1050
GDUS TO BLACK LAYER: 2180
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: SEMI-FLEX
COB COLOR: RED



KEY STRENGTHS

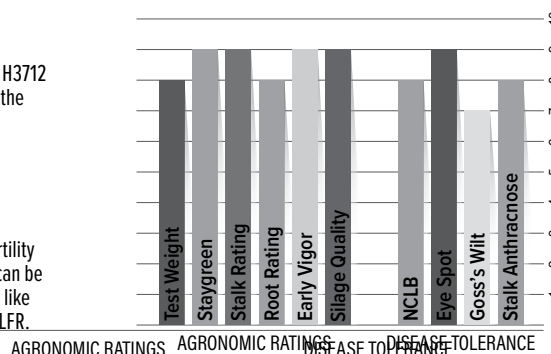
- Dominating yielder! Roundup Ready® version of the popular H3712 hybrid with powerful yield! Strong push out of the ground in the spring. Handles most soil types very well.

WEAKNESSES

- No Bt insect protection.

POSITIONING

- Girthy ears with 18-20 kernels around! Push this one with fertility near the row at planting time. Root system is adequate but can be greatly enhanced with practices such as in-furrow microbials like Alpha Complete and protection from insecticide like Capture LFR.



H4521

TOP PERFORMER

95 DAY

GDUS TO MID-POLLINATION: 1230
GDUS TO BLACK LAYER: 2350
POLLINATION FOR MATURITY: MEDIUM
EAR TYPE: FLEX
COB COLOR: RED



KEY STRENGTHS

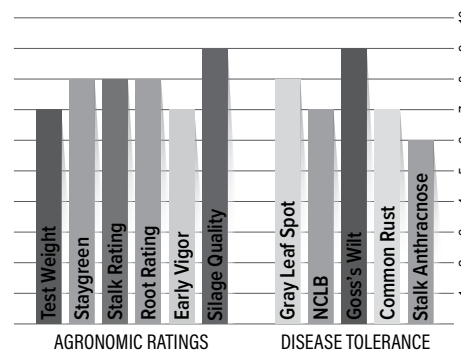
- Home run hitter closely related to H4522! Explosive yields across high and low productivity fields. Callouts include staygreen, late season intactness, and Goss's and gray leaf spot tolerance. Has a moderate level of native tolerance to 1st generation European corn borer.

WEAKNESSES

- Northern corn leaf blight tolerance is average.

POSITIONING

- This hybrid will flex for length and responds well to increased soil and applied fertility. Fungicide response is average, but improves greatly if northern corn leaf blight protection is needed. Planting time insecticide is recommended in areas of the country with moderate levels of rootworm or other soil insect pressure.



AGRICULTURE **REINVENTED**

Productive farming and progressive thinking go hand-in-hand. Each Hefty® Naturals Product is formulated to address the problems growers face on the farm every day in the pursuit of healthier crops and higher yields. That's why year after year, we're vetting new ideas to keep our product selection fresh, innovative, and profitable for you.



NATURALS



heftyseed@heftyseed.com



heftyseed.com/naturals



(800) 274-3389



***SUCCESS IS
AGRICULTURE
REINVENTED.***

It's progressive and
forward-thinking.

It's Hefty® Naturals.

A wireframe illustration of a young plant with three leaves and a root system, set against a background of a green field with horizontal lines.

NATURALS *ARE* IN YOUR *CROP STRATEGY*

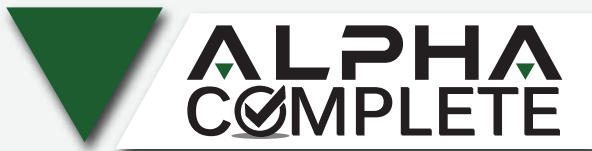


So much more than biologicals!

Hefty Naturals encompasses a portfolio of proven agronomic solutions. This complete product lineup provides naturally derived amino acids, plant growth hormones, organic acids, and microbials when your crop craves them the most. Combine that with specially formulated water conditioning agents, and you've just created a complete application strategy designed to improve crop performance. It's outside-of-the-box thinking for progressing our next decade of crop yield growth.

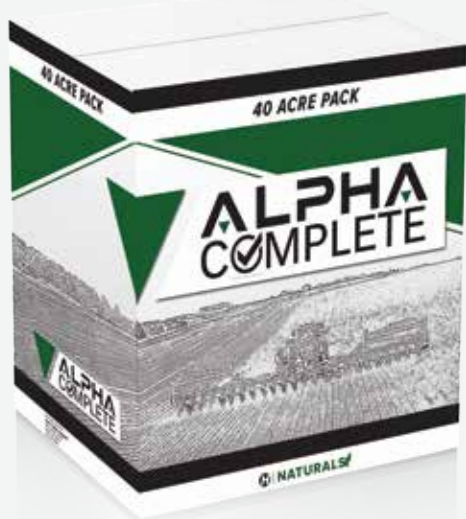
Each Hefty Naturals product is backed by a team of product experts, agronomists, researchers, and growers doing on-farm trials. For years, we've worked closely with multiple product formulation companies who help us bring quality options to market. We also conduct farm trials and communicate with trusted growers who test, observe, and document product performance in real situations so you have all the information you need to make a calculated investment.

Unlike many crop inputs that are intended to work for specific crops and only those specific crops, Naturals are designed for a wide array of crops and application methods. Every product in the Hefty Naturals portfolio has a place in multiple crop systems. Whether you're applying in-furrow or foliar, growing corn, sugar beets, or small grains, these products are naturally beneficial to the plant, the environment, and your bottom line.



**ONE BOX.
FIVE PRODUCTS.
ONE COMPLETE SOLUTION.**

While some companies are making natural products complicated with multiple applications throughout the season, we've made it simple with Alpha Complete. With one application either in-furrow or early season foliar, you can get the extra boost your crop is looking for!



The Hefty Naturals products within Alpha Complete have delivered ROI across the country.

By combining their strengths into one 40-acre box, we're simplifying the complexity of the naturals market.

Water-Rite and Bio-Prep are included in every 40-acre pack.

These water conditioning agents must be used to keep biology alive in applications.

WATER TREATMENT

Water typically contains harmful additives and/or contaminants that damage the survivability of biological components and reduce the effectiveness of crop protection products.



Water-Rite negates contaminants and neutralizes high pH, preventing the water in your applications from acting against products you apply, allowing them to perform as intended.



Bio-Prep nullifies the anti-biological chlorine found in water, keeping your natural products alive and working for you.

NATURAL BIOLOGY

Applied in-furrow or early post, the biological components of Alpha Complete rev up your crop's ability to make yield all season long!



Micro-Cycle unlocks the fertility potential of your soil by breaking down unavailable minerals in soil, converting them into a form your roots can take in.



Nutex EDA greatly enhances nutrient delivery, increasing the speed of vital nutrients as they move from the roots and into individual plant cells.



Boost 10 makes photosynthesis more efficient, allowing plants to create more vital carbohydrates and sugars with less sunlight energy.

These products deliver ROI for you, and that's the most important reason we developed Hefty Naturals.



PRODUCT INFORMATION



The biological foundation of crop production.

26 proven microbials means 26 ways to increase yield, including improved nutrient uptake and faster emergence. Nutri-Cycle has proven to be a foundational product in the Hefty Naturals product line. This unique combination of microorganisms is created with 26 active, beneficial strains of bacteria and fungi. Nutri-Cycle's combination is specifically designed to increase yield by improving nutrient uptake and promoting faster emergence.



Improves crop performance and yield under all types of environmental conditions.

Heat Shield is designed to increase your crop's tolerance to extreme field situations like salt, drought, cold and heat. The biggest impact will come from Heat Shield when it's included with a seed treatment or applied in-furrow. This is because Heat Shield is a beneficial fungus that lives and works inside the plant to increase its ability to withstand difficult growing environments.

There are six strains of *Trichoderma harzianum* fungi that make up Heat Shield, giving it efficacy in a variety of extreme conditions. Heat Shield is a critical component of Hefty Complete Seed Treatments and has shown additional benefits when used with other biological products that promote plant health and increased nutrient efficiency.



The building blocks of Hefty Complete Seed Treatment in one simple application.

Nutri-Shield contains two of the most foundational products in the Hefty Naturals portfolio: Nutri-Cycle and Heat Shield. If you're using Hefty Complete, you're already getting the benefits of these products on every acre! Nutri-Shield takes the same proven microbe package from Nutri-Cycle and Heat Shield and combines it with 100% organic talc to create an easy planter box additive. While Nutri-Cycle is known for enhancing nutrient uptake and promoting faster emergence and Heat Shield is designed for increasing your crop's stress tolerance, combining both of these products in Nutri-Shield will provide many of the same great benefits of Hefty Complete Seed Treatment.



A nitrogen-fixing soybean inoculant.

ROOTastic inoculant boosts your soybean yields by enhancing nitrogen uptake, even where soybeans are often planted. The active ingredient in ROOTastic is a naturally occurring bacterium that grows on plant roots, forming root nodules that help plants convert nitrogen from the air into forms the plant can use.



Foliar and soil application for nitrogen fixation.

N-Hydro contains four bacterial strains to produce more nitrogen for your plants. This product contains nitrogen-fixing bacteria that work within plant tissue to exchange carbon for nitrogen right in the leaves. N-Hydro will also help convert nitrogen into organic compounds within soil and is great for supplementing nitrogen in high-yield soybeans. Compatibility with fungicides, fertilizer, insecticides, and virtually all cropping systems makes N-Hydro a great in-season foliar option for feeding nitrogen to your crops!

PRODUCT INFORMATION



In-furrow soil amendment for nutrient mineralization.

Specifically created to work in conjunction with Nutri-Cycle, the six unique components in Micro-Cycle compose a multi-species blend of bacteria in the spore form. Micro-Cycle mineralizes nutrients in the soil and increases the plant availability of sulfur, phosphorus, and silicon.

The phosphorus solubilizers are specific to targeting a broad pH spectrum. Potassium, silicon, manganese, and iron solubilizers release large amounts of these elements that are being stored in the soil. Plus, the sulfur cycle microbial booster turns elemental sulfur into sulfate for plant absorption.



Boost10™ works in three ways to improve plant health and bridge the gap between inorganic fertilizers and the proteins plants create.

Made of more than 30 organic and amino acids, Boost10™ promotes photosynthesis, generates more plant energy, and increases the uptake and organic conversion of nutrients within the plant. Boost10™ applications can also improve the plant's metabolism, allowing it to better adapt to environmental stresses like heat and drought. The influence Boost10™ has internally on your crop often results in larger leaf size, stronger stands, increased seedling vigor, and impressive root development.



An amino acid package that help with nitrogen efficiency.

Photo-N™ is an amino acid package that allows plants to absorb nitrogen at an accelerated rate. Applied V4-V8 in corn or R1-R2 in soybeans, Photo-N™ is a tool the plant needs to help with nitrogen efficiency and uptake at critical times.



The next generation of fertilizer catalyst for all liquid fertilizer applications.

NuTex EDA™ is an essential chelated zinc product applied foliar or in-furrow that is designed to enhance both root growth and function of the plant. Since it increases the plant's uptake efficiency of N, P, K, and other micronutrients, NuTex EDA™ is best used as a supplement for chosen fertility programs. It can also create better chlorophyll density, perform with low doses, and mixes well with all pH fertilizers.



Amplify crop yields and quality— from the ground up.

Reverb™ is a next-generation micronutrient-based fertilizer catalyst for soil-applied fertilizers and stalk decomposition. When applied with starter fertilizers and in-season nitrogen applications, Reverb™ enhances the uptake and utilization of applied nutrients. When applied in conjunction with liquid nitrogen, Reverb™ works synergistically with soil microbes to break down crop residue and debris, providing more soil nutrients for next year's crop.

PRODUCT INFORMATION



ExtraCate™ works with your liquid starter fertilizer applications, or by itself, to help unlock soil nutrients that will benefit your crops.

It works especially well in making calcium more available to plant roots by solubilizing soil calcium (CaCO_3) and other nutrients tied up in the soil. ExtraCate™ is formulated with a naturally derived organic acid complex that provides a one-two punch to soil nutrition. ExtraCate™ supports the solubility, availability, and uptake of a broad range of nutrients across all types of soil. Formulated with a safe-to-use acidic pH solution, ExtraCate™ may help with tankmix compatibilities in some situations.



Patented glyphosate safener.

MegaGro™ L is designed as a specialty foliar and in-furrow PGR biostimulant that helps to increase plant metabolism and develop root structure and root hairs. With a patented, ideal ratio of phytohormones IBA and kinetin, MegaGro™ L helps establish a strong foundation and extended vigor for continued success through harvest. MegaGro™ L can be added to any herbicide pass in a wide array of crops.



Plant growth hormone package specifically designed for reproductive timings.

Inertia is a fortified cytokinin designed to increase pollination and support photosynthesis during fruit or grain fill. This unique combination produces more flowering/fruiting sites and, more importantly, increases the plant's net capture of solar energy to help drive sugar production. Applied pre-tassel in corn or at R1 in soybeans, Inertia can be mixed with herbicides or fungicide applications.



Speciality formulation for abiotic stress events.

WeatherKing is a specialty low-analysis foliar fertilizer that improves crop vitality against abiotic stresses, including excessive heat or cold weather. Easily tankmixed and with a wide window of application, WeatherKing is the ideal low-cost option to minimize potential yield loss associated with stress events. WeatherKing can be added to any herbicide or fungicide application in a wide array of crops.

PRODUCT INFORMATION



WATER-RITE is a water-correcting agent that neutralizes contaminants, preventing them from chemically damaging your crop protection, fertilizer, and biological products.

Water-Rite is a water pre-treatment designed to reduce the negative effects calcium, magnesium, iron, and copper have on fertilizer, herbicides, and pesticides. Using Water-Rite will also maximize the availability and efficacy of glyphosate and other phosphate chemistries. When combined with Bio-Prep, these two products are the ideal solution for keeping beneficial biology safe in tank mixes.



BIO-PREP is a chlorine neutralizer.

Bio-Prep is a water pre-treatment that reverses the negative effects chlorine has on biological products. Chlorine is added to rural and municipal water sources to kill microbes and make it safe to drink. When you use water sources to fill your sprayer tank that have been treated with chlorine, it kills any beneficial microbes you might be trying to get into your plants. Bio-Prep turns chlorine into the safer chloride form, which is an essential plant nutrient and not harmful to beneficial microbes.



Spectrum rapidly consumes organic matter and detoxifies odorous compounds such as ammonia, organic acids and hydrogen sulfide.

Spectrum is used frequently in outdoor ponds and lakes to purify dirty water, prevent algae proliferation, and promote the healthy growth of fish and shrimp.



Residue breakdown during decomposition.

If slow decomposition of plant or animal residue is a problem for you on your farm or ranch, D-Comp could be the answer. D-Comp is specifically designed to speed the breakdown of plant and animal residue. It even makes the composting process faster, usually without having to manually turn the pile. In fact, manure may convert to compost in 4 to 5 weeks instead of 4 to 5 months, and excess field residue may shrink more quickly. D-Comp is able to deliver these results because of its unique combination of 70 different bacteria and fungi.



Biological solution for liquid manure management.

N-tercept is made of a liquid base with biological components. The liquid base is the energy source keeping the biologicals alive and providing them with the energy they need to work through the pile. This base increases and sustains the biological counts, while most products boost levels before plummeting. This base also has a natural tendency to stabilize ammonia.

The biological parts of N-tercept contain bacteria to liquefy the solids. Unique to N-tercept are bacteria specific to DDGs (dry distilled grains). Additional organic decomposers will break down lignin and cellulose, while other biologicals in the formulation protect enzymes.



YIELD RESULTS PROVE

We've spent years testing and experimenting with almost every possible active ingredient and polymer that can be applied to seed. It's led us to the formula we have found to be the best in agriculture for both efficacy and seed flowability.

NUTRI-CYCLE ST

Nutri-Cycle ST accounts for over 26 active, beneficial strains of bacteria and fungi. This alone has shown an average gain of 3.75 bushels/acre in our research. The bacteria and fungi begin working in the soil right away to make the most vital nutrients readily available for the young soybean. Increased cold, salt, and drought tolerance, more developed root systems, and improved nutrient uptake are other benefits we have seen from Nutri-Cycle.

FUNGICIDES

Four systemic fungicides equip the seed for long-lasting protection. Using multiple fungicide modes of action means your seedlings are protected well past emergence and into the season.

INOCULANT + EXTENDER

Including both ROOTastic inoculant and extender in Hefty Complete gives your treated seed the best opportunity to increase nodulation and nitrogen uptake, even when planting is delayed.

POLYMER

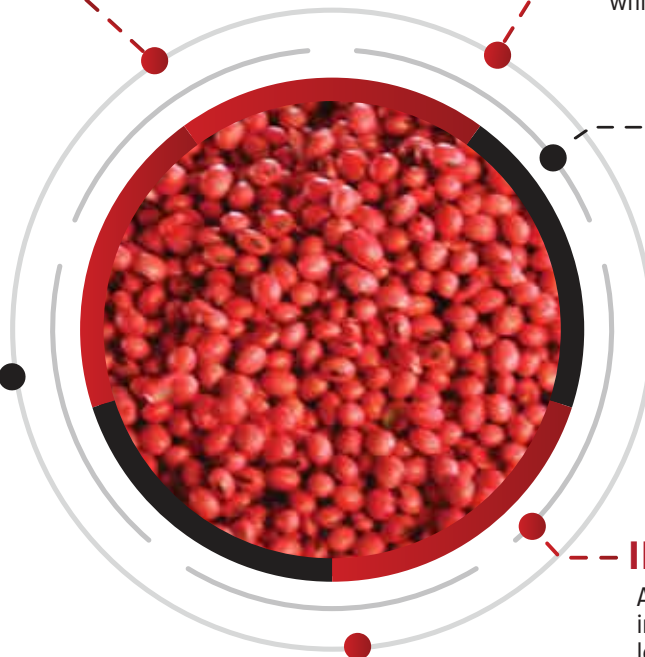
Smooth flowability through seed tenders, trucks, and your planter leads to better and more even stands, all while reducing your planter downtime.

HEAT SHIELD

The 6 beneficial fungi in HeatShield have shown increased tolerance to cold and salty soils, drought, and heat, along with general plant health enhancements. In normal conditions, HeatShield has demonstrated a 2-6% yield advantage in many of our trials, but in fields under severe stress, we have seen huge gains.

INSECTICIDE

A broad-spectrum, early-season insecticide protects against bean leaf beetles, cutworms, grasshoppers, soybean aphids and other insects for as long as 2-3 months, giving your plants a healthy habitat during the most critical growth stages.



UP TO 2 FREE RESPRAYS WITH HEFTY COMPLETE!



STRONGER STANDS

ADVANTAGES OF HEFTY COMPLETE SOYBEANS

We challenge you to plant Hefty Brand Soybeans treated with Hefty Complete in side-by-sides with untreated planted the same day on your farm.
Here are some of the things to look for:

FASTER EMERGENCE

If you can be out there the day the treated beans pop out of the ground, you will almost certainly see the treated seed emerging hours, if not days sooner than the untreated beans.

MORE CONSISTENT STANDS

Within a few days after the emergence, please do stand counts. Most of the time we find thicker stands where Hefty Complete has been used.

CHECK YIELD VERY CLOSELY

The cost of Hefty Complete is less than 2 bushels of soybeans. Do you see 2-bushel yield differences show up on your yield monitor? How about 4 bushels? Of course not. It usually takes 8, 10, or 12-bushel yield differences to even register on your yield monitor. Our request if you aren't a believer in seed treatments, is to weigh each pass because we are extremely confident that on average, you'll get more than 2 bushels of soybeans back each fall.



COMPETITOR

HEFTY COMPLETE



COMPETITOR

HEFTY COMPLETE



COMPETITOR

HEFTY COMPLETE



IF HEFTY COMPLETE SOYBEAN IS APPLIED BY A HEFTY STORE, RECEIVE FREE INSECTICIDE IF ECONOMIC THRESHOLD IS REACHED FOR THE FOLLOWING INSECTS:

*UP TO 2 FREE RESPRAYS WITH HEFTY COMPLETE

- Soybean aphid: R2 = 10 aphids/plant, R3 = 20, R4 = 40, R5 = 100, R6 = no respray offered
- Bean leaf beetles: 1/plant up to 30 days prior to harvest
- Grasshoppers: 1/square foot up to 30 days prior to harvest
- Cutworms: 1/20 plants up to 30 days prior to harvest
- Spider mites: no respray offered

*Respray product will be a pyrethroid of our choice.
Add \$3/acre for bifenthrin or add \$5/acre for dimethoate.*

FREE HEFTY COMPLETE ON REPLANTS

- First planting on the same acre must have been a Hefty Brand Soybean variety treated with Hefty Complete.
- Replant seed must be a Hefty Brand Soybean variety.




**BE
FREE...**

BE FREE OF YIELD DRAG.

**BE FREE OF WORRYING ABOUT
DICAMBA MOVING INTO YOUR
SOYBEANS FROM NEIGHBORING
CORN FIELDS.**

**BE FREE TO SET YIELD
RECORDS ON YOUR FARM.**



FREEDOM is great!
Hefty Brand Freedom
Series Soybeans give
you just that...
FREEDOM!



Our lineup of XtendFlex® soybeans is by far the best we've ever had, and we're confident it will be the best you've ever planted.

With this trait, we're seeing both the benefit of great new genetics and the widest range of herbicide tolerance we've had to date.

If you're looking for more yield, greater weed control flexibility, and protection from off-target movement from neighboring corn fields, Hefty Brand Freedom Series Soybeans are a must-plant on your farm!



If you want even more yield on average, have your soybeans treated with Hefty Complete Soybean Seed Treatment.

Beans treated with Hefty Complete are eligible for
FREE REPLANTS &
UP TO 2
FREE RESPRAYS
for insect issues.

Ask your local Hefty Agronomist for more details.



SOYBEAN VARIETIES

COMPARISON CHART

AGRONOMICS

DISEASE TOLERANCE

Hefty Brand	Trait	RM	Plant Height	Plant Type	Emergence	Stress Tolerance	Standability	SCN Marker	SCN Field Tolerance	IDC	Chloride Sensitivity	PRR Gene	PRR Field Tolerance	SDS	BSR	SWM	Frogeye	Stem Canker
H006X0	RR2X	0.06	MT	M-	8	8	8	PI 88.788	9	6	-	Rps 1k	8	6	5	8	-	-
H007XF4	XF	0.07	M	M-	8	8	8	SUS	1	6	-	Rps 1c	9	6	7	7	7	9
H008E1	E3	0.08	M	M	9	7	7	PI 88.788	9	8	-	Rps 1a	6	6	3	7	-	9
H008XF2	XF	0.08	M	M-	7	7	7	PI 88.788	9	7	-	Rps 1c	7	6	3	6	-	-
H009XF2	XF	0.09	MT	M	8	7	7	PI 88.788	9	8	-	Rps 1k	6	6	5	6	-	-
H009XF3	XF	0.09	MT	M	8	7	7	PI 88.788	9	7	-	Rps 1c	6	6	3	5	-	-
H01X0	RR2X	0.1	M	M	8	7	7	SUS	1	7	-	Rps 3a	8	6	3	6	-	-
H01XF3	XF	0.1	MT	M+	8	7	6	SUS	1	7	-	Rps 1k	5	6	3	6	-	-
H01XF4	XF	0.1	MT	M+	8	8	7	PI 88.788	6	7	-	Rps 1c	6	6	7	6	-	-
H02X9	RR2X	0.2	MT	M	8	9	7	PI 88.788	9	8	-	Rps 1c	8	6	7	6	-	-
H02XF4	XF	0.2	M	M+	8	8	8	SUS	1	6	Excluder	Rps 1k	7	6	7	7	7	9
H03XF3	XF	0.3	M	M+	8	7	6	PI 88.788	9	6	-	Rps 1c	6	6	3	5	-	-
H05XF3	XF	0.5	M	M+	8	7	7	Peking	9	6	-	Rps 1c	5	6	3	6	-	-
H06X8	RR2X	0.6	M	M	9	9	7	PI 88.788	9	8	-	HRps 1c	9	6	9	8	-	-
H06XF2	XF	0.6	M	M	8	7	7	PI 88.788	9	7	-	Rps 1c	6	6	9	5	-	-
H06XF3	XF	0.6	M	M	8	7	8	PI 88.788	9	7	-	Rps 1c+3a	8	6	3	7	-	9
H07XF3	XF	0.7	MT	M	8	8	7	PI 88.788	9	7	-	Rps 1k	7	7	9	5	-	9
H08XF2	XF	0.8	M	M	8	8	7	PI 88.788	9	8	Excluder	Rps 3a	7	5	5	5	-	-
H08XF4	XF	0.8	MT	M+	8	8	7	PI 88.788	9	6	-	Rps 1c	7	6	9	5	-	-
H09XF3	XF	0.9	MT	M	8	7	8	(H) PI 88.788	5	6	-	NG	6	6	3	6	-	9
H10XF3	XF	1.0	MT	M	8	8	7	PI 88.788	9	7	-	Rps 1c	7	8	3	7	-	9
H11XF2	XF	1.1	MT	M+	8	6	7	PI 88.788	9	6	-	HRps 3a	7	6	7	7	-	-
H12C4	CONV	1.2	M	M+	8	7	7	PI 88.788	9	7	-	NG	7	7	3	6	-	9
H12XF4	XF	1.2	MT	M	8	8	7	PI 88.788	9	5	-	Rps 1c	7	7	9	6	-	9
H13XF4	XF	1.3	M	M	8	7	9	PI 88.788	9	7	-	Rps 1c	8	8	9	8	-	9
H14XF3	XF	1.4	MT	M	8	7	8	PI 88.788	9	7	-	Rps 1c+3a	8	7	3	8	-	9
H15C4	CONV	1.5	M	M	8	8	7	PI 88.788	9	7	-	Rps 1k	8	7	9	7	-	9
H15XF2	XF	1.5	MT	M	7	7	8	PI 88.788	9	7	-	Rps 3a	8	6	3	8	-	-
H16E4	E3	1.6	M	M+	8	8	8	Peking	9	7	-	Rps 1k+6	8	7	7	7	9	9
H16X8	RR2X	1.6	M	M+	9	9	5	PI 88.788	9	7	-	Rps 1c	7	8	9	5	-	-
H16XF4	XF	1.6	MT	M-	8	8	7	PI 88.788	9	7	-	Rps 1c	7	7	7	7	6	9
H17XF1	XF	1.7	M	M+	8	9	6	PI 88.788	9	7	-	HRps 1c	6	6	7	5	7	9

Trait: XF – XtendFlex® Soybeans; RR2X – Roundup Ready 2 Xtend®; E3 – Enlist E3®; CONV – Conventional.

Plant Height: MS – Medium Short; M – Medium; MT – Medium Tall; T – Tall.

Plant Type: T – Thin; M – Medium; M+ – Medium+; B – Bushy. Other ratings are on a 1-10 scale, with 10 being best.

AGRONOMICS

DISEASE TOLERANCE

Hefty Brand	Trait	RM	Plant Height	Plant Type	Emergence	Stress Tolerance	Standability	SCN Marker	SCN Field Tolerance	IDC	Chloride Sensitivity	PRR Gene	PRR Field Tolerance	SDS	BSR	SWM	Frogeye	Stem Canker
H18E3	E3	1.8	MT	M	8	6	7	Peking	9	8	-	Rps1k	6	6	3	6	7	9
H18XF2	XF	1.8	MT	M	8	7	7	PI 88.788	9	7	-	NG	7	5	9	6	-	-
H19C4	CONV	1.9	MT	M	8	8	7	PI 88.788	9	6	-	Rps 1c	8	7	9	7	-	9
H19XF4	XF	1.9	MT	M	8	8	9	PI 88.788	9	7	-	NG	7	7	9	7	-	9
H20C4	CONV	2.0	MT	M+	8	7	7	PI 88.788	9	7	-	Rps 1k	7	7	3	6	-	9
H20E3	E3	2.0	MT	M	8	6	6	Peking	9	7	-	Rps1k	6	8	3	6	8	9
H20XF2	XF	2.0	MT	M	8	8	6	PI 88.788	9	7	-	Rps 3a	8	6	7	6	-	-
H20XF4	XF	2.0	MT	M+	9	8	7	PI 88.788	9	6	-	Rps 1c + HRps 3a	8	5	9	4	-	-
H21XF2	XF	2.1	MT	M-	8	6	7	PI 88.788	9	7	Excluder	Rps 3a	7	5	7	5	-	-
H22XF4	XF	2.2	MT	M+	8	8	7	PI 88.788	9	7	-	Rps 1c	7	8	5	7	5	9
H23XF1	XF	2.3	MT	B	9	7	9	PI 88.788	9	6	-	Rps 1c	6	6	9	7	-	9
H24XF4	XF	2.4	MT	M	8	8	7	PI 88.788	9	7	-	Rps 1c	8	6	7	6	-	9
H25C4	CONV	2.5	MT	M	8	8	7	PI 88.788	9	7	-	HRps 1c	7	6	7	6	-	3
H25XF3	XF	2.5	MT	M	8	7	6	PI 88.788	9	6	-	Rps 1c	7	6	9	7	-	9
H25XF4	XF	2.5	MT	M+	8	8	7	PI 88.788	9	7	Excluder	Rps 1c	8	6	9	6	-	9
H26XF3	XF	2.6	M	M	9	7	7	PI 88.788	9	8	-	Rps 1c	7	6	9	7	-	9
H27XF4	XF	2.7	M	M+	8	7	8	PI 88.788	9	6	-	Rps 1k	8	6	7	6	7	9
H28X8	RR2X	2.8	MT	M	8	8	7	PI 88.788	9	8	-	Rps 1c	7	8	9	7	-	-
H28XF3	XF	2.8	MT	M	8	7	7	PI 88.788	9	7	-	Rps 1c	7	6	9	6	-	9
H29XF3	XF	2.9	MT	M+	8	7	7	PI 88.788	9	5	-	Rps 1c	6	4	3	5	-	-
H30XF2	XF	3.0	T	M	8	7	8	PI 88.788	9	5	-	Rps 1c	6	6	9	6	-	-
H33XF2	XF	3.3	M	M-	8	7	8	PI 88.788	9	6	-	NG	6	7	9	6	-	-
H34XF3	XF	3.4	M	M+	8	7	8	PI 88.788	9	5	Excluder	Rps 3a	5	5	9	5	-	9
H39XF2	XF	3.9	T	B	8	8	5	(H) PI 88.788	5	6	-	NG	7	7	-	5	6	-
H40XF4S	XF	4.0	T	M+	8	8	7	PI 88.788	9	-	-	Rps 1c	6	6	9	5	7	9
H42XF3S	XF	4.0	MT	M+	8	7	6	PI 88.788	9	5	Excluder	Rps 1c	5	6	3	4	7	9
H46XF1	XF	4.6	T	M+	9	8	9	PI 88.788	9	7	Excluder	Rps 1c	6	7	-	5	-	9
H47XF2	XF	4.7	M	M	8	7	8	PI 88.788	9	7	-	Rps 1c	6	7	3	6	7	-
H49XF3S	XF	4.9	MT	M	8	8	7	PI 88.788	9	6	Excluder	NG	6	7	3	6	6	9

Trait: XF – XtendFlex® Soybeans; RR2X – Roundup Ready 2 Xtend®; E3 – Enlist E3®; CONV – Conventional.

Plant Height: MS – Medium Short; M – Medium; MT – Medium Tall; T – Tall.

Plant Type: T – Thin; M- – Medium-; M – Medium; M+ – Medium+; B – Bushy. Other ratings are on a 1-10 scale, with 10 being best.

H007XF4

NEW

0.07 MATURITY

PLANT HEIGHT: Medium
PLANT TYPE: Medium–
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: SUS



KEY STRENGTHS

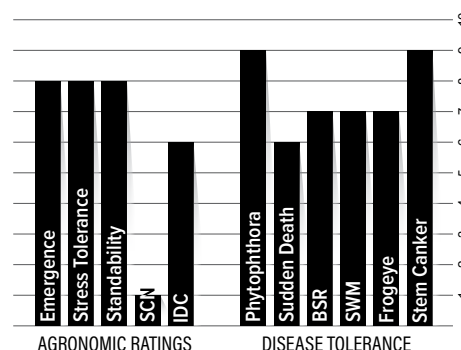
- Early XtendFlex® soybean with all-around appeal! Nice-yielding product for this maturity with Rps 1c and good field tolerance for phytophthora. Thinner canopy and rock solid standability make this a good choice across a broad range of soils and tillage systems. Fast emergence and good early vigor.

WEAKNESSES

- SCN susceptible. Avoid IDC hotspots.

POSITIONING

- If you need an early maturing XtendFlex® soybean, this a true 00.7 bean with strong yield potential. Handles phytophthora well, but not SCN or IDC, so position accordingly. It's a thinner plant type that benefits from narrow rows and higher populations. Use a complete seed treatment.



H008XF2

0.08 MATURITY

PLANT HEIGHT: Medium
PLANT TYPE: Medium–
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

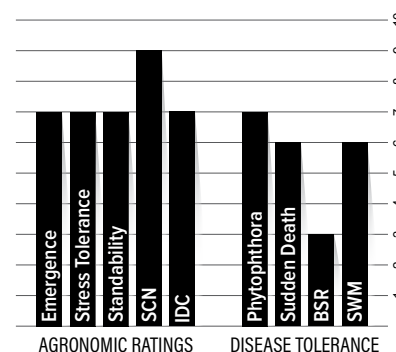
- Great product at a key early maturity! Very good standability and IDC signals a good fit for Red River Valley and beyond. Good phytophthora field tolerance and SCN protection help, as well.

WEAKNESSES

- No gene for BSR resistance.

POSITIONING

- This plant type has enough branching to fit in all row spacings. The IDC/SCN/PRR combination allows for placement in the valley and beyond. A complete seed treatment is advised, as well as Alpha Complete in-furrow.



H009XF2

0.09 MATURITY

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1K
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

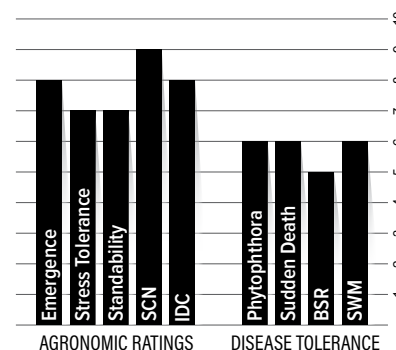
- Big, tough plant for the northern acre! With excellent height and width even under stress, this is a broad-acre fit at 00.9. SCN resistant. Above average IDC tolerance. Rps 1K gene for phytophthora.

WEAKNESSES

- No gene for BSR resistance.

POSITIONING

- Medium tall plant with good standability and width that makes it a good fit for planters or air seeders. Good enough IDC for the Red River Valley, but will move west to central ND extremely well. Use a complete seed treatment and Alpha Complete in-furrow.



H009XF3

KEY PRODUCT

0.09 MATURITY

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

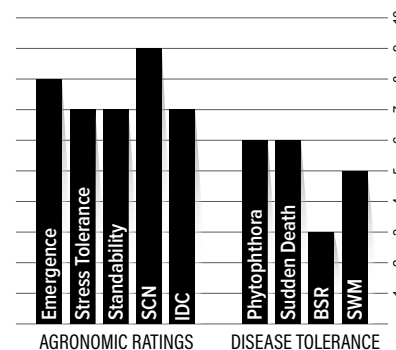
- Yield upgrade! Tall plant with very good standability. SCN resistant. Strong emergence and early vigor.

WEAKNESSES

- Average IDC tolerance.

POSITIONING

- Acre-friendly bean that is a good fit for most northern soils across ND, MN, and beyond. Avoid the hot IDC areas and/or use an iron product at planting. Has good field tolerance and a 1C gene for phytophthora protection. A complete seed treatment is advised, as well as Alpha Complete in-furrow.



H01XF3

POPULAR

0.1 MATURITY

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium+
 PHYTOPHTHORA GENE: RPS 1K
 SOYBEAN CYST NEMATODE: SUS



KEY STRENGTHS

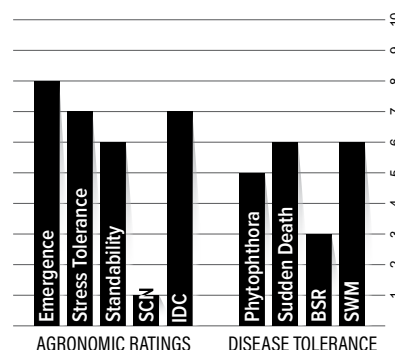
- Yield, IDC, and phytophthora protection! Great performance on a wide range of soils. Very good standability and strong emergence.

WEAKNESSES

- SCN (soybean cyst nematode) susceptible.

POSITIONING

- As a non-SCN soybean variety, you naturally must avoid known SCN problem fields. Otherwise, this is a place-everywhere-and-shoot-for-top-yields kind of bean. Great top-end yields are easier to achieve because of above average IDC tolerance and strong phytophthora protection. A complete seed treatment is advised, as well as Alpha Complete in-furrow.



H01XF4

NEW

0.1 MATURITY

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium+
 PHYTOPHTHORA GENE: RPS 1C
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

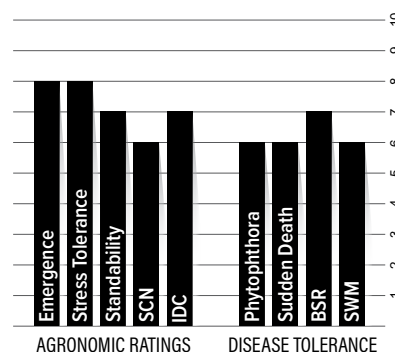
- National line with top-end potential! Big, wide plant type that fits on all soils and maintains good height in western stress. Good defensive package includes above-average white mold tolerance, SCN protection, and good IDC tolerance.

WEAKNESSES

- Phytophthora protection is good, but not great.

POSITIONING

- Broad acre placement is recommended for this big, rugged soybean! Works well in the west and fills the rows well. Has enough defense and good standability to fit all the way east, as well. Responds well to potassium and intensive management overall. Use a complete seed treatment.



H02XF4

EXCLUDER

0.2 MATURITY

PLANT HEIGHT: Medium
 PLANT TYPE: Medium+
 PHYTOPHTHORA GENE: RPS 1K
 SOYBEAN CYST NEMATODE: SUS
 CHLORIDE SENSITIVITY: Excluder



KEY STRENGTHS

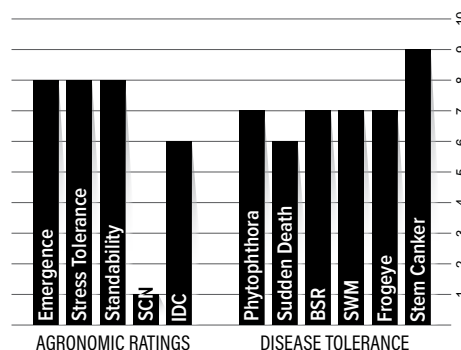
- Excluder bean with great standability! Chloride excluder variety that works well in the high salt fields. Strong yields across high and low yield environments. K gene for strong phytophthora protection. Fast emergence and good early vigor.

WEAKNESSES

- Average IDC tolerance.

POSITIONING

- Strong-yielding product that has a fit on some of the tougher acres, as well. Average IDC tolerance means you need to use Soygreen or avoid the IDC hotspots. However, if the yellowing on beans is caused by chlorides, this is your best choice, as it's an excluder. You'll appreciate the standability of this variety and its response to intensive management. Use a complete seed treatment.



H03XF3

KEY PRODUCT

0.3 MATURITY

PLANT HEIGHT: Medium
 PLANT TYPE: Medium+
 PHYTOPHTHORA GENE: RPS 1C
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

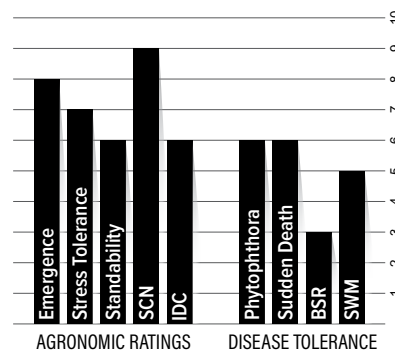
- Put this bean on your good ground and watch it run! SCN resistant with above average IDC and phytophthora tolerance. Strong standability helps reduce white mold risk.

WEAKNESSES

- Average performance in low yield environments.

POSITIONING

- Great choice on the average to better soils across this maturity range. Good response to foliar fungicides at R2-R3 and higher levels of soil fertility. Can express really nice top-end yields with intensive management! A complete seed treatment is advised, as well as Alpha Complete in-furrow.



H05XF3

PEKING SCN

0.5 MATURITY

PLANT HEIGHT: Medium
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: Peking



KEY STRENGTHS

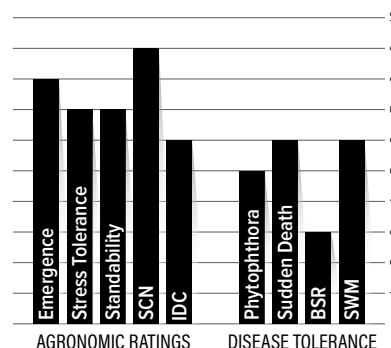
- Peking SCN resistance! Solid defensive package for phytophthora and white mold. Nice standability and lateral branches that produce yield.

WEAKNESSES

- Average IDC tolerance.

POSITIONING

- This is the bean for heavier soybean cyst nematode (SCN) fields and continuous soybean crop plans. Above average white mold tolerance and good field tolerance to phytophthora help make it a fit on most soybean acres. Avoid the hot IDC spots or use higher planting populations and iron products at planting. A complete seed treatment is advised, as well as Alpha Complete in-furrow.



H06XF2

0.6 MATURITY

PLANT HEIGHT: Medium
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

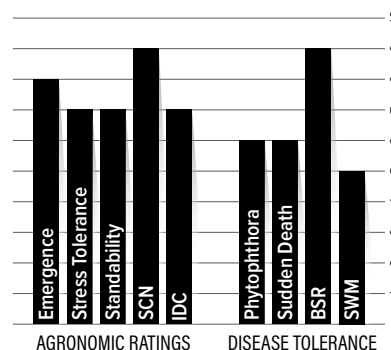
- Versatile XtendFlex® bean with a broad fit! Solid yields in high and low yield environments. With good width, this bean fits in the drill or planter and moves east to west well. IDC and phytophthora tolerance are good enough for most acres. Standability is good.

WEAKNESSES

- White mold tolerance.

POSITIONING

- Good standability and IDC fit nicely in the Valley. Medium in height, but wider in body that fits better in planters than seeders. Yield regression suggests best stability in stressed or LYE acres, but holds its own very well in the HYE. Good fit to take west into central ND. Use a complete seed treatment. Alpha Complete in the furrow is recommended, as well.



H06XF3

0.6 MATURITY

PLANT HEIGHT: Medium
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C+3A
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

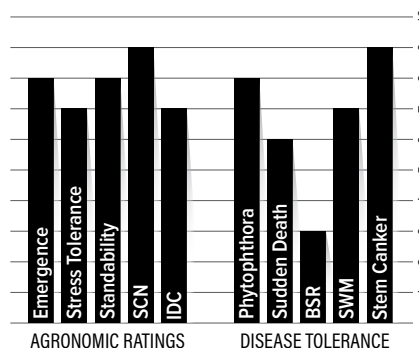
- All-around stud! Yield, standability, phytophthora gene stack with very good field tolerance, IDC, and above average white mold tolerance. Good drought tolerance.

WEAKNESSES

- Average SDS tolerance.

POSITIONING

- Broad acre placement is recommended for this variety as it has a nearly complete defensive package. It contains diverse genetics from other Hefty varieties in this maturity, so it should fit well in almost any cropping plan. A complete seed treatment is advised, as well as Alpha Complete in-furrow.



H07XF3

KEY PRODUCT

0.7 MATURITY

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1K
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

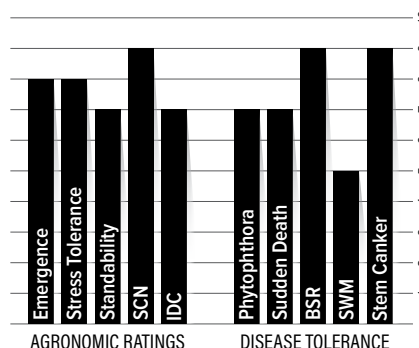
- Top-end yielder! Jumps out of the ground and stands well all year. Handles phytophthora (Rps 1K), SCN, and charcoal root rot. BSR resistant. National line with strong eastern and western movement.

WEAKNESSES

- None.

POSITIONING

- A place-everywhere kind of variety with strong defense and impressive yields! Manage fertility intensively to shoot for top performance. Alpha Complete in-furrow has shown a great response with this variety in both root growth enhancement and nutrient uptake. Use a complete seed treatment and plant this bean first.



H08XF2

EXCLUDER

0.8 MATURITY

PLANT HEIGHT: Medium
 PLANT TYPE: Medium
 PHYTOPHTHORA GENE: RPS 3A
 SOYBEAN CYST NEMATODE: PI 88.788
 CHLORIDE SENSITIVITY: Excluder



KEY STRENGTHS

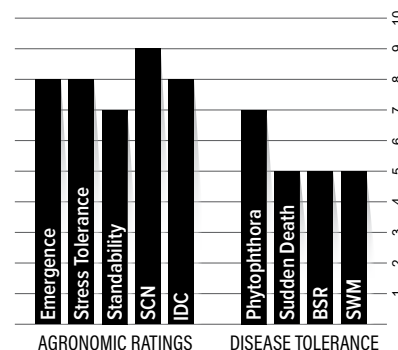
- Solid all-around bean! Good yield performance and strong defense to fit the tough acres. Above average IDC tolerance puts it at the top of the class at this maturity. Rps 3A phytophthora protection. Good standability and width.

WEAKNESSES

- White mold tolerance.

POSITIONING

- This bean is a nice fit in and out of the Red River Valley. With very good IDC tolerance plus excluder, as well as the 3A gene for PRR, it can fit into some tough acres! Avoid the white mold hot spots. Use a complete seed treatment. Alpha Complete is recommended in the furrow to help enhance root growth and nutrient uptake.



H08XF4

NEW

0.8 MATURITY

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium+
 PHYTOPHTHORA GENE: RPS 1C
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

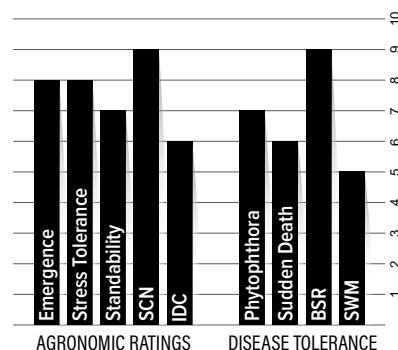
- Yield upgrade at this maturity! Solid defense including SCN and BSR resistance. Ideally suited for the Dakotas and Minnesota. Good standability.

WEAKNESSES

- Average IDC.

POSITIONING

- Really powerful-yielding product at this maturity that has enough defense to go on a lot of acres. The only watchout is the really hot IDC or white mold acres. Otherwise, the standability and broad acre appeal of this variety will work well on most soil types on your farm. Nice response to naturals like Alpha Complete. Use a complete seed treatment.



H09XF3

KEY PRODUCT

0.9 MATURITY

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium
 PHYTOPHTHORA GENE: NONE
 SOYBEAN CYST NEMATODE: (H) PI 88.788



KEY STRENGTHS

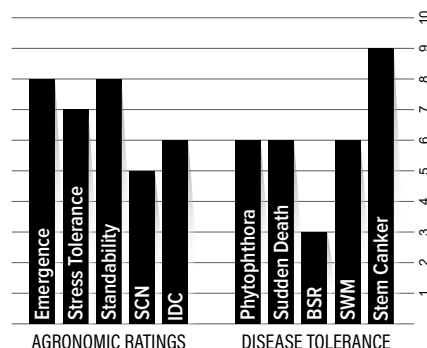
- Yield leader at 0.9! Plant this bean first, as the emergence and early vigor are strong. Standability is also very good.

WEAKNESSES

- BSR susceptible.

POSITIONING

- Solid overall soybean variety with good, not great, defense and powerful top-end yield potential. Make sure your P & K are at good levels to maximize profitability as this bean will take advantage of fertility. Response to foliar fungicides, especially at R2-R3, has been noted. Use a complete seed treatment.



H10XF3

1.0 MATURITY

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium
 PHYTOPHTHORA GENE: RPS 1C
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

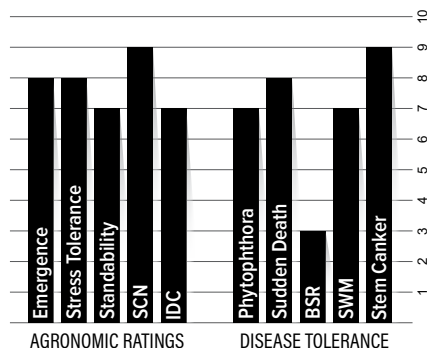
- Winner! National placement line that seems to win most everywhere. Beautiful plant type all season long with great uniformity and good stress tolerance! Above average SDS, IDC, and white mold tolerance.

WEAKNESSES

- Average standability.

POSITIONING

- This is a versatile soybean with broad acre placement potential. Moves north very well. Solid all-around defense and very good yields. We've seen a great response to P & K fertility as well as beneficial microbial products like Alpha Complete. Use a complete seed treatment.



H11XF2

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: HRPS 3A
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Yield Champ! Big and tall plant that has a solid defensive package. Fits across a broad range of soil types and field conditions. SCN resistant and fast out of the ground.

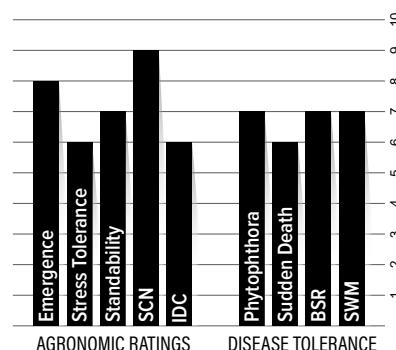
WEAKNESSES

- Average IDC tolerance.

POSITIONING

- This bean fits for a lot of acres. The exception would be the IDC hot spots. It's heterozygous for phytophthora with the 3A gene, above average for white mold, and moderately resistant to BSR. That means it has enough defense to work pretty well, but foliar fungicides and complete seed treatments will really help it out. Great top-end yields are possible with proper fertility and management.

1.1 MATURITY



H12XF4

NEW

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Yield monster! Dominant performer that thrives west of HWY 71 in Minnesota and all through the Dakotas. Nice height and width to fill rows quickly. Fast emergence, very good standability, and has the agronomics to hold up well under stress.

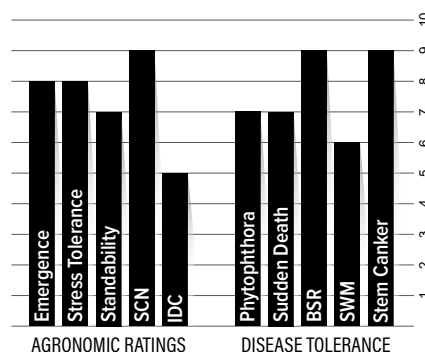
WEAKNESSES

- Avoid IDC and white mold areas.

POSITIONING

- Great bean for the Dakotas and western MN! Position on all soils other than IDC hotspots and historic white mold problem areas. Tremendous yield potential for this maturity with a big, broad plant structure to choke out late-season weeds. Expect a very strong response to using naturals like Alpha Complete with this bean. Use a complete seed treatment, as well.

1.2 MATURITY



H13XF4

NEW

PLANT HEIGHT: Medium
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- The perfect partner for H12XF4 with yield plus IDC and SWM protection! National line with the yield and defense to go just about anywhere. Very likely the best white mold tolerance you'll find in XtendFlex. Best-in-class standability. Above-average IDC tolerance.

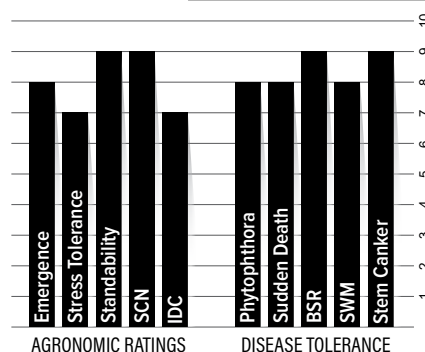
WEAKNESSES

- Even though it's better than every other variety we've found, it's still not fully white mold resistant. You'll still need to do your best to protect it and save every last bushel.

POSITIONING

- Defense and yield combo that fits just about everywhere. This is the bean you should plant into the toughest white mold ground. If you keep doing everything else to keep white mold out, this bean is your best chance at normal yields in those areas. You'll love the standability and the way this bean looks all season long. Use a complete seed treatment.

1.3 MATURITY



H14XF3

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C+3A
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Gorgeous bean with plant-to-plant uniformity! Very good white mold tolerance. Two-gene stack for phytophthora resistance. Very good standability.

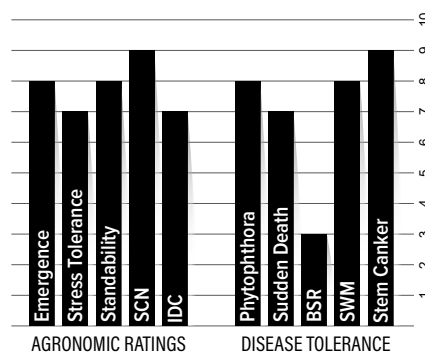
WEAKNESSES

- BSR susceptible.

POSITIONING

- Diverse genetics with a great fit in historical white mold areas. It handles the high fertility ground and your average ground, too. The upright standability allows for easier management of weeds and diseases throughout the season. We've seen a very good response to in-furrow microbials like Alpha Complete and recommend a complete seed treatment, as well.

1.4 MATURITY



H15XF2

KEY PRODUCT

1.5 MATURITY

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium
 PHYTOPHTHORA GENE: RPS 3A
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

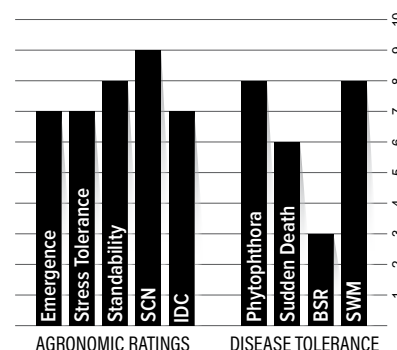
- Yield machine with some great defensive add-ons! Consistent winner with top-end yields. Taller plant type with good standability. Rps 3A for phytophthora protection and strong field tolerance. SCN resistant. Above average white mold tolerance.

WEAKNESSES

- Average IDC protection.

POSITIONING

- National placement line with a great fit on high and low yielding acres. Keep out of the IDC hotspots or add Soygreen in the furrow at planting. Very good product choice for fields with a phytophthora history as a part of your program along with in-furrow fungicide additions. Always use a complete seed treatment.



H16XF4

NEW

1.6 MATURITY

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium-
 PHYTOPHTHORA GENE: RPS 1C
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

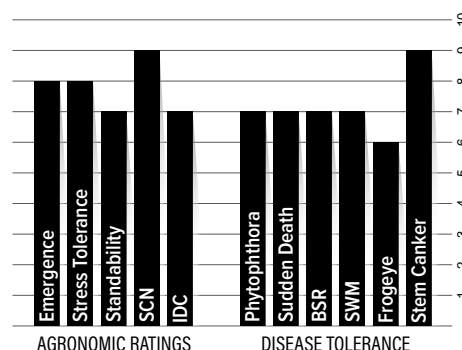
- National line with yield and very good standability! Good SDS tolerance along with above-average IDC and strong phytophthora protection. Fast out of the ground and a tendency to produce large beans, contributing to more yield.

WEAKNESSES

- Thinner plant type benefits from narrow rows and slightly higher planting populations.

POSITIONING

- Broad acre placement is recommended for this complete agronomic package. Strong yields and better-than-average defense. Performs best in 30-inch rows or narrower. Responds to intensive fertility management and foliar fungicide use at R2-R3. Use a complete seed treatment.



H17XF1

1.7 MATURITY

PLANT HEIGHT: Medium
 PLANT TYPE: Medium+
 PHYTOPHTHORA GENE: HRPS 1C
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

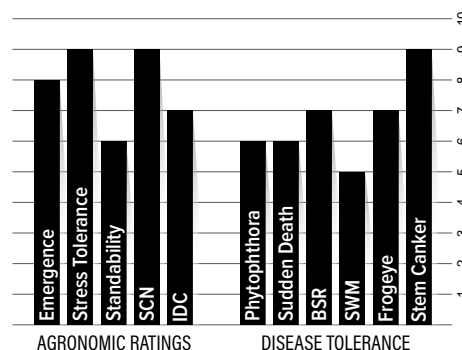
- Top-yielding Group 1 XtendFlex® soybean! Versatile bean with a fit for broad acre placement. SCN resistant and moderately resistant to BSR.

WEAKNESSES

- Manage for white mold and avoid high pressure fields.

POSITIONING

- Very good-yielding product with a fit on many acres. Responds well to fertility inputs and foliar fungicides. Watch out for high pressure white mold fields. Strongest performance west of the Mississippi, but also fits Wisconsin and Michigan.



H18XF2

KEY PRODUCT

1.8 MATURITY

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium
 PHYTOPHTHORA GENE: NONE
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

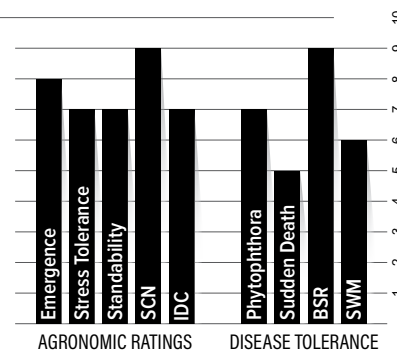
- Racehorse yielder for your best ground! Answers the yield question about XtendFlex® with dominating performances. SCN and BSR resistant. Good standability and plant height keep pods up off the ground and make harvesting easy.

WEAKNESSES

- Average defensive package.

POSITIONING

- Racehorse yielder that responds to complete seed treatments, including Saltro. Also delivers a nice return on in-furrow investments in IDC treatments and Alpha Complete! Has performed well in the high-yielding environments, but also works in lower yield zones with good management. Loves the R2-R3 foliar fungicide applications.



H19XF4

NEW

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: NONE
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- National line with excellent top-end yields! Great standability! Strong defensive package with protection from SDS, phytophthora, BSR, charcoal rot, and more. Quick out of the ground with good plant health through the season.

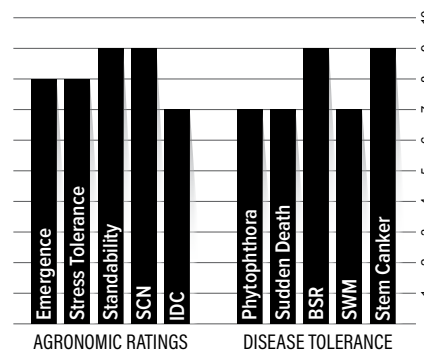
WEAKNESSES

- No resistance gene for PRR, but very good field tolerance. Good IDC, but not enough for the hotspots.

POSITIONING

- Really nice-looking line with great standability and plant health. Top-end yield potential can be reached with intensive management on most all soil types. Watch out for IDC hotspots. Use a complete seed treatment.

1.9 MATURITY



H20XF2

KEY PRODUCT

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 3A
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Successful variety in high and low yield environments! Rps 3A phytophthora protection along with SCN resistance and big-time yields! Stress tolerance stood out in 2021.

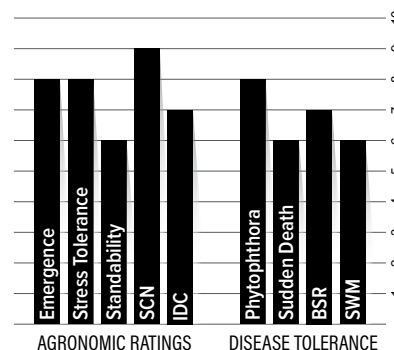
WEAKNESSES

- Standability is average in high fertility, high rainfall environments.

POSITIONING

- Built for broad acre placement, this bean is a standout in the Western Corn Belt and moves east quite well, too. Its phytophthora field tolerance is a noticeable advantage. The defensive package as a whole is good, not great. Adding Saltro, foliar fungicide, and white mold treatments is a good idea. This variety showed a very strong response to Alpha Complete and fertility additions.

2.0 MATURITY



H20XF4

NEW

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: RPS 1C+HRPS 3A
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Big yielder with very good standability! Phytophthora resistance gene stack with strong field tolerance. Works well in no-till with strong emergence and stress tolerance. BSR and SCN resistant.

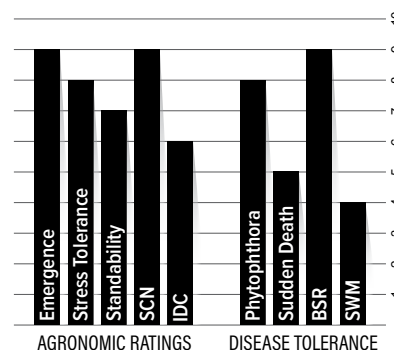
WEAKNESSES

- Sclerotinia white mold.

POSITIONING

- Very good-yielding product with standability and good overall defense. Works from Nebraska and South Dakota all the way across northern Illinois. Avoid placement in historical white mold fields. Otherwise, this works great in all tillage systems and across all soil types. Use a complete seed treatment.

2.0 MATURITY



H21XF2

EXCLUDER

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium-
PHYTOPHTHORA GENE: RPS 3A
SOYBEAN CYST NEMATODE: PI 88.788
CHLORIDE SENSITIVITY: Excluder



KEY STRENGTHS

- Excellent fit for SD/MN/IA with SDS, IDC, Rps 3A and EXCLUDER! Good standability and narrower body makes it an excellent fit for 15-inch or 20-inch rows. Offensive upside to go with defensive package.

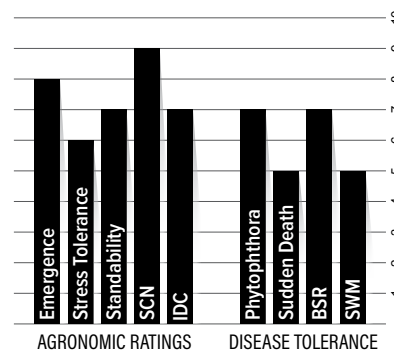
WEAKNESSES

- White mold tolerance.

POSITIONING

- National bean that excels in SD/MN/IA. Strong defensive package that includes the excluder gene – this, along with above average IDC tolerance, leads to placement on salty soils where it has a significant advantage. A complete seed treatment is an absolute must with this bean. You'll also see a nice boost from Alpha Complete in-furrow. Avoid white mold areas, as this bean has been below average for tolerance.

2.1 MATURITY



H22XF4

NEW

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium+
 PHYTOPHTHORA GENE: RPS 1C
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- National line with key defensive gems! Very strong SDS tolerance, as well as above-average tolerance to sclerotinia white mold. SCN resistant. Very good drought tolerance and standability.

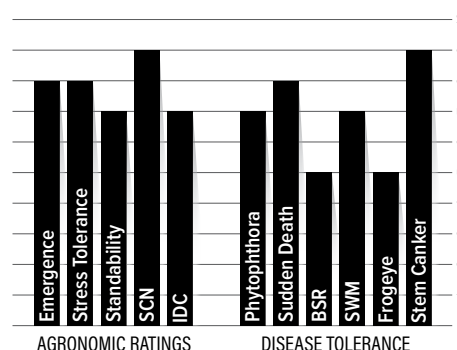
WEAKNESSES

- Brown stem rot.

POSITIONING

- Spread your genetic diversity by including this excellent national line as part of your crop plan. Not related to other Hefty Brand Soybeans at this maturity. This is a big step forward in SDS tolerance in the industry. You'll appreciate the standability and overall plant performance. This variety works best on the rotated acre rather than in continuous soybeans. Use a complete seed treatment.

2.2 MATURITY



H23XF1

STRONG DEFENSE

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Bushy
 PHYTOPHTHORA GENE: RPS 1C
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Strong yielder with a national fit! Resistant to SCN and BSR, also has above average white mold tolerance. Very good standability, especially for a big and bushy plant type.

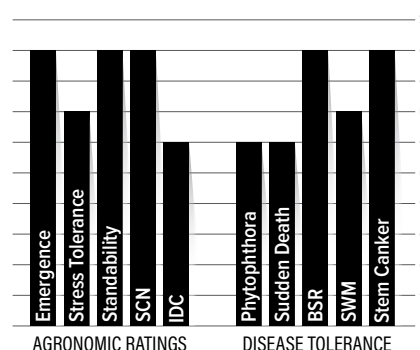
WEAKNESSES

- Average IDC tolerance.

POSITIONING

- Great fit on broad acres, but watch out for the high pH IDC hotspots. Works well for beans going back on bean ground. This is a bean you can push for high yield potential with intensive fertility management (especially P & K), in-furrow microbials, and a good foliar fungicide program.

2.3 MATURITY



H24XF4

NEW

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium
 PHYTOPHTHORA GENE: RPS 1C
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Offensive dynamo with great yield expression! Handles drought stress very well. Very stable plant type with good standability. Strong field tolerance to phytophthora along with the Rps 1c gene.

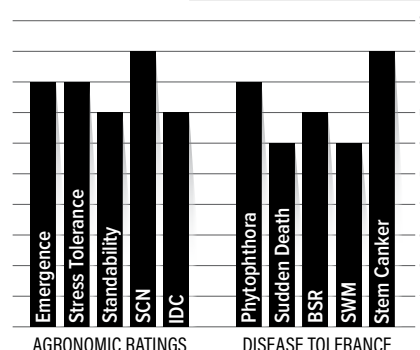
WEAKNESSES

- Average overall defensive package will need support from foliar fungicides and seed treatment.

POSITIONING

- Great-yielding soybean with very good stress tolerance. Place this on your good-to-better ground and push it with fertility to reach top yields. This bean really needs intensive management but is likely to give you a fantastic return on investment for doing so. Foliar fungicide at R2-R3 is a must, as is a complete seed treatment.

2.4 MATURITY



H25XF3

KEY STRENGTHS

- National line with top-end yields! SCN and brown stem rot resistant. Good field tolerance to charcoal root rot and phytophthora.

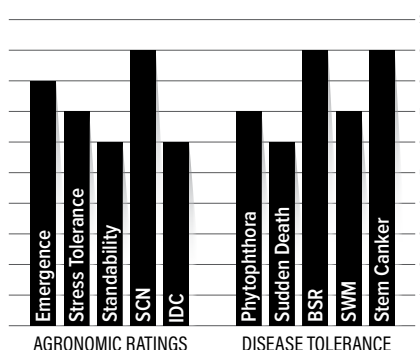
WEAKNESSES

- Average SDS tolerance.

POSITIONING

- Powerful yielder that will quickly earn a bigger place on your farm. National line with broad-acre appeal. Good but not great defense should be more than enough to lead to consistent performance across your farm. Excellent response to high yield environments and intensive management. Foliar fungicide at R2-R3 has shown benefits, as well. Use a complete seed treatment.

2.5 MATURITY



H25XF4

EXCLUDER

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788
CHLORIDE SENSITIVITY: Excluder



KEY STRENGTHS

- National line with great yield punch! Chloride excluder variety that handles irrigation and areas of chloride buildup well. Tolerant of STS herbicides. Resistant to SCN and BSR. Very good stress tolerance, even in the lower-yielding areas of fields.

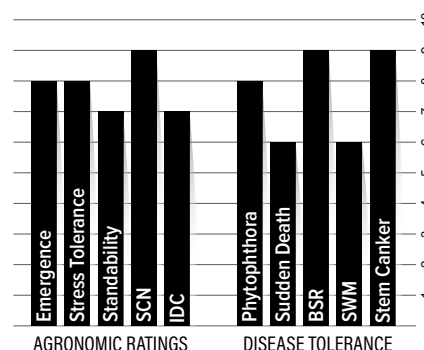
WEAKNESSES

- Benefits from the addition of Saltro for SDS protection.

POSITIONING

- Broad acre play with solid stress tolerance for the low yield zones and racehorse yields for the good ground. It's an excluder variety that has a major advantage where beans turn yellow or struggle handling chlorides and poor water quality. Bigger plant type that stands well and fills the row quickly to help with weed control. Use Saltro to help with SDS and a complete seed treatment to cover the rest.

2.5 MATURITY



H26XF3

PLANT HEIGHT: Medium
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Aggressive yielder! Fast emerger with a solid overall package of BSR resistance, SCN protection, and very good IDC tolerance! Plant this bean early and often.

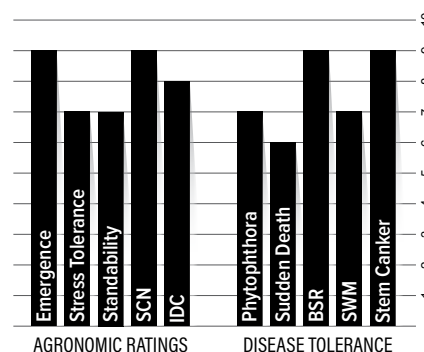
WEAKNESSES

- Average score on SDS tolerance.

POSITIONING

- Very high performance potential. Great standability and lateral branching that supports yield, with a plant architecture that responds well to increased management. Agronomically solid, this variety is a great fit for a broad geographic footprint. Proven performance in irrigated or dryland environments, and adaptability for both heavy clay or stress-prone soil types. Use a complete seed treatment.

2.6 MATURITY



H27XF4

NEW

PLANT HEIGHT: Medium
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: RPS 1K
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Top-end yielder for your best ground! Rps 1K resistance to phytophthora with excellent field tolerance. Very good standability. Has exhibited strong tolerance to frogeye and cercospora leaf blight. SCN resistant.

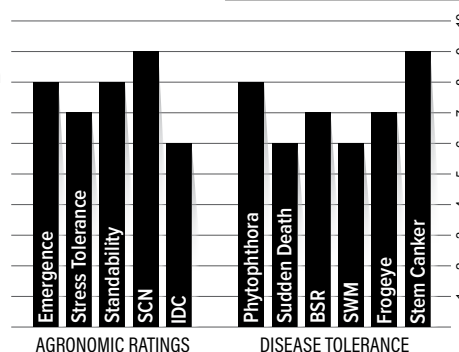
WEAKNESSES

- Keep it off your poor ground.

POSITIONING

- This bean is best kept on the good-to-great land. It also responds well to added fertility, especially P, K, S, and micros. Use Saltro for SDS protection, foliar fungicide for additional plant health and disease protection, and always use a complete seed treatment.

2.7 MATURITY



H28XF3

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Total package! Big-time yielder with above average defense. This could be exactly what you need. SCN, BSR, IDC, white mold, and phytophthora protection all in one. Stands great, too!

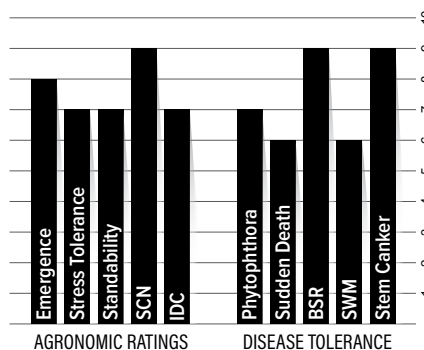
WEAKNESSES

- None.

POSITIONING

- National line with broad-acre placement potential. Still responds to Saltro and complete seed treatment even though natural defense is good. Excels in high fertility and management environments. We saw enhanced root growth and nutrient uptake with Alpha Complete in-furrow.

2.8 MATURITY



H29XF3

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- One-two punch with H28XF3! Great variety to pair up with, featuring diverse and unique genetics to spread your risk. Excellent yields along with fast emergence and strong standability.

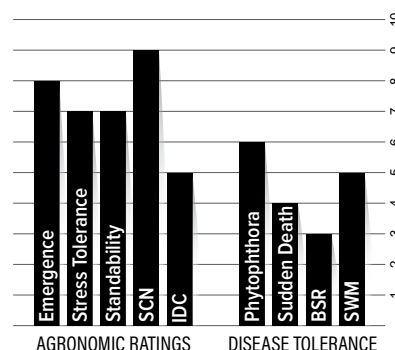
WEAKNESSES

- Manage well in high pH and high SDS pressure areas.

POSITIONING

- Another excellent-yielding XtendFlex line with good standability and fast emergence to begin catching sunlight energy early. Plant this bean first, but use a complete seed treatment and Salstro for disease protection. Responds well to R2-R3 fungicide use.

2.9 MATURITY



H30XF2

KEY PRODUCT

PLANT HEIGHT: Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Tall bean with big yields! Great height and standability to use on even the hilly, variable soil-type fields. Works in all row spacings and brings great defense against white mold, BSR, and stem canker.

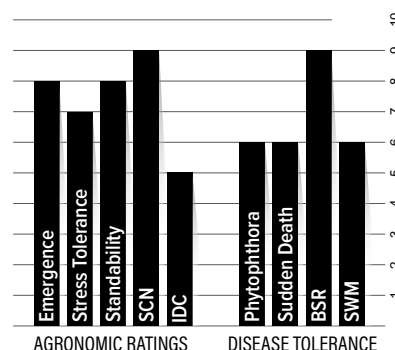
WEAKNESSES

- IDC and PRR tolerances are below average.

POSITIONING

- This bean brings plenty of yield to push out your old standby varieties for good. It's a national line that fits on most soils, although high pH and poor drainage are tougher to handle. It's a tall, showy bean with very good standability. Push the P & K fertility levels. Use a complete seed treatment. Adding Alpha Complete to your in-furrow program when using this bean has shown a good return, as well.

3.0 MATURITY



H33XF2

KEY PRODUCT

PLANT HEIGHT: Medium
PLANT TYPE: Medium-
PHYTOPHTHORA GENE: NONE
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Big time yields! Exciting bean with great solid agronomics. Tall plant with good standability. Strong SDS and phytophthora protection. Excluder gene really shows an advantage on irrigated acres.

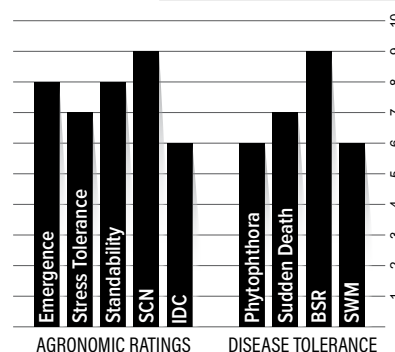
WEAKNESSES

- IDC tolerance.

POSITIONING

- National line that handles all soil types and row spacings. Push fertility levels of P and K to shoot for new yield highs. Strong disease protection favors early planting. Use a complete seed treatment, as well as Alpha Complete in the furrow.

3.3 MATURITY



H34XF3

EXCLUDER

PLANT HEIGHT: Medium
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: RPS 3A
SOYBEAN CYST NEMATODE: PI 88.788
CHLORIDE SENSITIVITY: Excluder



KEY STRENGTHS

- Yield leader at mid-Group 3! Chloride excluder with resistance to BSR, stem canker, and SCN. Very good standability and the Rps 3A gene for phytophthora protection.

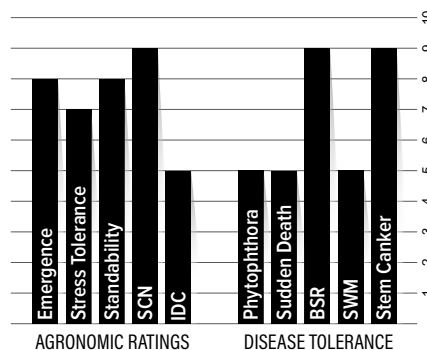
WEAKNESSES

- Average tolerance to SDS and frog-eye.

POSITIONING

- National line with great yield for this maturity! Fits into many fields with poor drainage due to the excluder gene and a solid overall defensive package. Responds very well to intensive fertility management and the use of microbial products such as Alpha Complete at planting. Use a complete seed treatment and add Salstro if SDS is a concern.

3.4 MATURITY



H39XF2

PLANT HEIGHT: Tall
PLANT TYPE: Bushy
PHYTOPHTHORA GENE: NONE
SOYBEAN CYST NEMATODE: (H) PI 88.788



KEY STRENGTHS

- Flat-out yielder! Tall, bushy plant with good standability. Handles high and low yield environments well. Southern stem canker resistant and above average tolerance to stress and SDS.

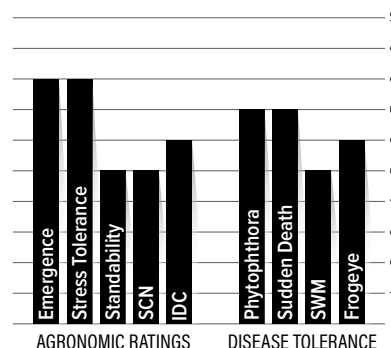
WEAKNESSES

- Moderate SCN resistance.

POSITIONING

- Place this bean on pretty much any soil type and it should compete well at this maturity. It's tall and gets bushy, but the main stem stands well. Fits for early planting and makes good use of fertilizer inputs. Response to in-furrow naturals like Alpha Complete is noticeable! Recommend foliar fungicide for R2-R3 timing at a minimum.

3.9 MATURITY



H40XF4S

NEW

PLANT HEIGHT: Tall
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- High-yielding bean with key defensive qualities! Handles frogeye and even target spot well. BSR, stem canker, and SCN resistant. Handles stress like a champ!

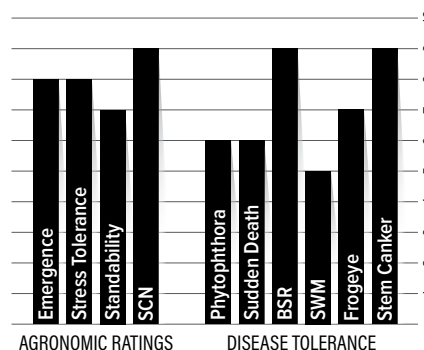
WEAKNESSES

- No root knot nematode protection.

POSITIONING

- High-flying 4.0 with yield but also some key defensive characteristics. This bean provides some level of protection against frogeye, target spot, BSR, stem canker, and soybean cyst nematodes. Placement on all soils is recommended, as this bean has the height, width, and stress tolerance to handle it. Intensive management of fertility and fungicides is encouraged to maximize productivity. Use of a complete seed treatment is recommended.

4.0 MATURITY



H42XF3S

EXCLUDER

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788
CHLORIDE SENSITIVITY: Excluder



KEY STRENGTHS

- High yielding excluder bean! Big, bushy soybean with strong SDS tolerance. National placement line.

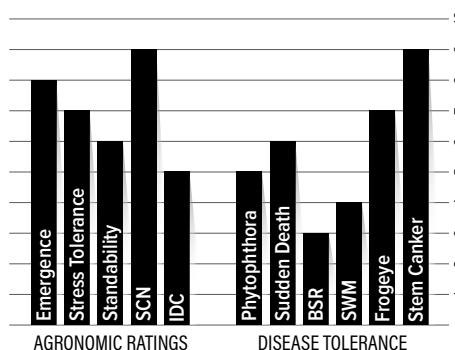
WEAKNESSES

- Needs foliar fungicide for frogeye.

POSITIONING

- This is a broad acre placement variety that fits in most soil types. Manage for lodging risk by lowering planting population in soils where soybeans are prone to get too tall. As a chloride excluder, this variety handles irrigation well, in addition to other areas where chloride issues are present. Always use a complete seed treatment.

4.0 MATURITY



H46XF1

EXCLUDER

PLANT HEIGHT: Tall
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788
CHLORIDE SENSITIVITY: Excluder



KEY STRENGTHS

- Homerun hitter! Big and tall plant with massive yield potential. National placement line that is a chloride excluder and carries SCN and stem canker resistance.

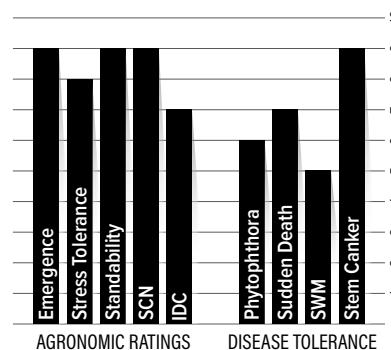
WEAKNESSES

- No root knot nematode protection.

POSITIONING

- This is your big gun to shoot for top yields. Utilize crop rotation and a seed treatment for root knot help. Alpha Complete in-furrow has shown a great response! Push the fertility, especially with P & K. Foliar fungicides are recommended especially during the reproductive stages of growth.

4.6 MATURITY



H47XF2

STRONG DEFENSE

PLANT HEIGHT: Medium
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Defensive stud! Best-in-class frogeye and SDS protection. Broadest herbicide tolerance package on the market with glyphosate, glufosinate, dicamba, and STS tolerance! Fast out of the ground and quick to canopy. Stands very well.

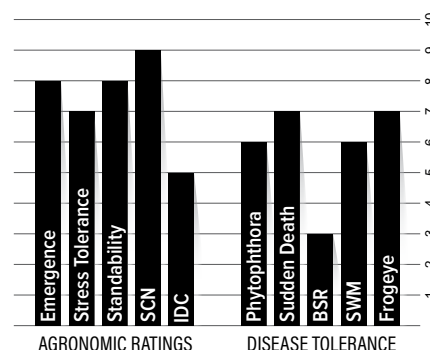
WEAKNESSES

- Poorly drained soils with high pH.

POSITIONING

- Tough bean that handles soils from Kansas to the Delta and all the way to the east coast. Solid bean overall that thrives where others fail in stress and/or disease-prone areas. Benefits from a complete seed treatment. We recommend Alpha Complete in-furrow, as well, as we've seen a good response with this variety.

4.7 MATURITY



H49XF3S

EXCLUDER

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: NONE
SOYBEAN CYST NEMATODE: PI 88.788
CHLORIDE SENSITIVITY: Excluder



KEY STRENGTHS

- Excluder bean with great performance! Four-way herbicide tolerance for Roundup, Liberty, STS, and approved dicamba products. Plant-to-plant uniformity and very good standability!

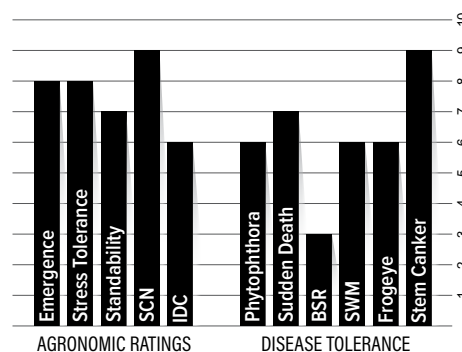
WEAKNESSES

- SCN susceptible.

POSITIONING

- High-yielding excluder bean that fits in spring-planted and double crop soybean acres. With excellent uniformity, this variety is one to push for best performance. Best placement is on high yielding fields and with strong fertility programs. We've seen an excellent response to Alpha Complete and beneficial microbial products in-furrow. Foliar fungicide at R2-R3 and a complete seed treatment are recommended.

4.9 MATURITY



H006X0

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium-
PHYTOPHTHORA GENE: RPS 1K
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Tall, upright branching plants with above average white mold tolerance! Solid yield performance across environments.

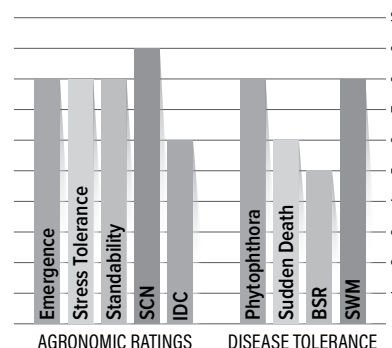
WEAKNESSES

- Good, not great IDC tolerance. Moderate resistance to brown stem rot.

POSITIONING

- Strong data shows broad acre flexibility across North Dakota and Minnesota. Responds to intensive management, but tough enough even for the lower yielding environments.

0.06 MATURITY



H01X0

TOP PERFORMER

PLANT HEIGHT: Medium
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 3A
SOYBEAN CYST NEMATODE: SUS



KEY STRENGTHS

- Great fit for your high yielding acres! Heavy pod load holds up well with strong lateral branching and good standability. 3A gene for phytophthora protection stands out, as well.

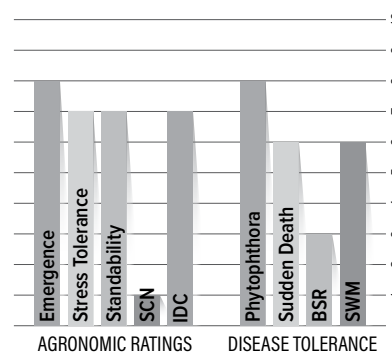
WEAKNESSES

- Susceptible to soybean cyst nematode and brown stem rot.

POSITIONING

- Place on your best yielding ground and push it for top performance. Use in crop rotations with wheat and/or corn. Use of a complete seed treatment is recommended.

0.1 MATURITY



H02X9

TOP PERFORMER

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Aggressive yielder with great visual appeal! Top-notch IDC bean with SCN resistance and a phytophthora gene to boot. Good height and width help with drought stress, as well.

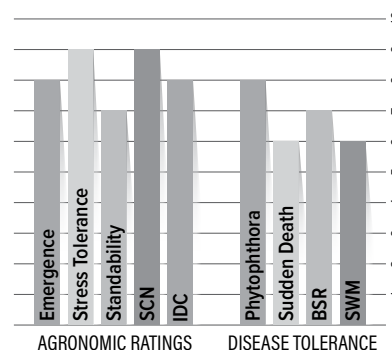
WEAKNESSES

- Moderate brown stem rot tolerance.

POSITIONING

- Great-yielding bean, especially for acres north of HWY 200. Works well west to east across North Dakota, Minnesota, and beyond. Manage for big yields. Use of a complete seed treatment is recommended.

0.2 MATURITY



H06X8

TOP PERFORMER

PLANT HEIGHT: Medium
PLANT TYPE: Medium
PHYTOPHTHORA GENE: HRPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

- Yields well and has a great defensive package, too. Best in class IDC + nematode resistance + white mold tolerance + brown stem rot resistance + phytophthora protection!

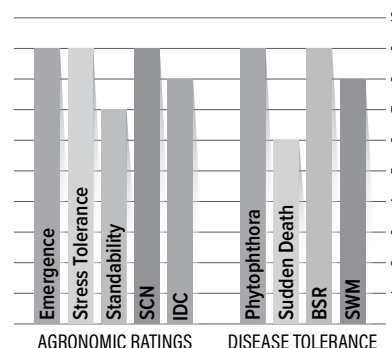
WEAKNESSES

- Standability is good, not great.

POSITIONING

- Very acre friendly soybean that fits everything from the good soils to the tough ground. We recommend Alpha Complete in-furrow as this variety has shown a good response with enhanced root growth and nutrient uptake. Use of a complete seed treatment is recommended.

0.6 MATURITY



H16X8

SOUTH DAKOTA CHAMP

1.6 MATURITY

PLANT HEIGHT: Medium
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

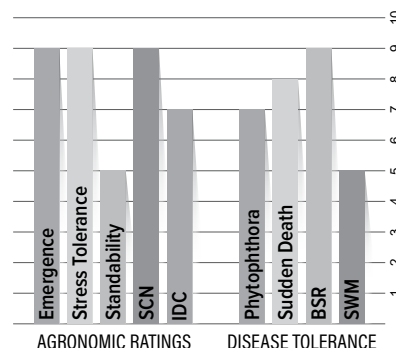
- Offensive line with yield power! Jumps out of the ground and never looks back. Prefers the fertile ground but has good stress tolerance, as well.

WEAKNESSES

- Not for high pH hotspots or race 25 phytophthora ground.

POSITIONING

- Place on well-drained ground from South Dakota to Wisconsin. Needs additional potassium or you can see some standability issues on lower fertility ground. We recommend Alpha Complete in-furrow as this variety has shown a good response with enhanced root growth and nutrient uptake. Use of a complete seed treatment is recommended.



H28X8

TOP PERFORMER

2.8 MATURITY

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

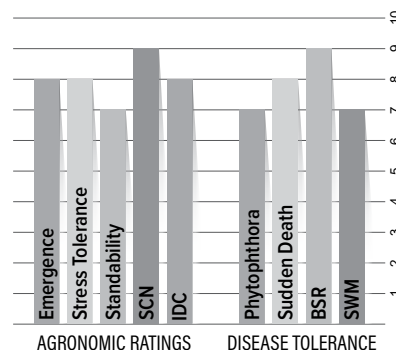
- Offensive powerhouse! Has shown excellent SDS tolerance. Broad acre placement with good standability and consistent performance.

WEAKNESSES

- Average SWM tolerance.

POSITIONING

- Plant this bean first and utilize the best seed treatment technologies. This is a fantastic yielder and it responds favorably to intensive management. We recommend Alpha Complete in-furrow as this variety has shown a good response with enhanced root growth and nutrient uptake. Use of a complete seed treatment is recommended.



Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans. Additional information and limitations on the use of these products are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: <https://tug.bayer.com>. U.S. patents for Bayer technologies can be found at the following webpage: <https://cs.bayerpatents.bayer.com>.

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H008E1

TOP PERFORMER

0.08 MATURITY

PLANT HEIGHT: Medium
 PLANT TYPE: Medium
 PHYTOPHTHORA GENE: RPS 1A
 SOYBEAN CYST NEMATODE: PI 88.788



KEY STRENGTHS

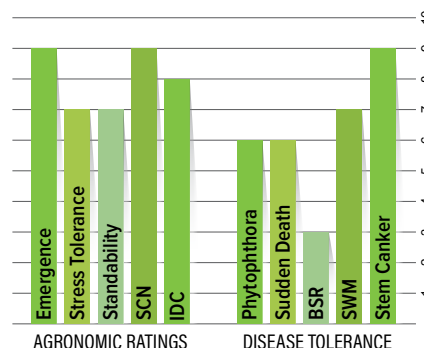
- Tough bean for HWY 2 and north! Very strong IDC tolerance and stable performer even in the most difficult ground.

WEAKNESSES

- Phytophthora root rot.

POSITIONING

- Great choice for your tough ground as it handles IDC and lower yielding environments very well. Phytophthora root rot protection is ok but not good enough for heavy pressure areas so utilize a very strong seed treatment and potentially in-furrow fungicide as well. This bean fits best from HWY 2 to the north.



H16E4

PEKING SCN

1.6 MATURITY

PLANT HEIGHT: Medium
 PLANT TYPE: Medium+
 PHYTOPHTHORA GENE: RPS 1K+6
 SOYBEAN CYST NEMATODE: Peking



KEY STRENGTHS

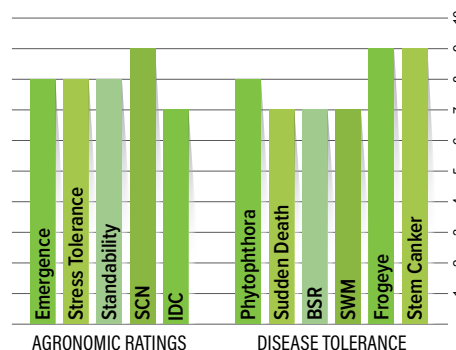
- Peking SCN protection and powerful yields! Great protection from phytophthora root rot with a 1K + RPS 6 stack. Very good IDC protection and standability.

WEAKNESSES

- Just needs to prove it can yield with the best. The defense is really fantastic!

POSITIONING

- While this bean can yield quite well, the temptation here is to place it in the toughest ground since it has excellent protection from IDC, PRR, and SCN. Our recommendation is to place it in some tough ground but also some of your best soil to see where you find the most value. It does respond to MegaGro foliar with your herbicide and gets a nice boost from foliar fungicide at R2-R3. Use a complete seed treatment.



H18E3

PEKING SCN

1.8 MATURITY

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium
 PHYTOPHTHORA GENE: RPS 1K
 SOYBEAN CYST NEMATODE: Peking



KEY STRENGTHS

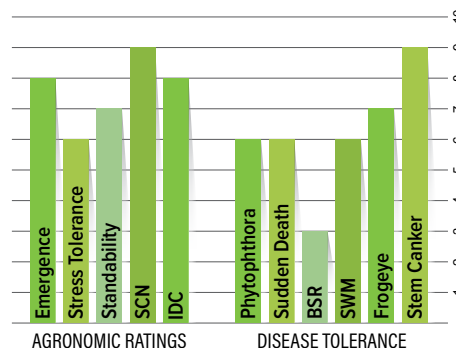
- Dominating performer in variable soils! This is a whole field yield king, as it handles so many different stresses well. Peking SCN resistance, strong IDC and phytophthora tolerance, and very good frogeye tolerance. Very good standability!

WEAKNESSES

- BSR susceptible.

POSITIONING

- A great fit for variable soils. Takes on tough conditions and won't make you look bad. The Peking SCN resistance trait will catch your interest as part of your program. This bean likes good fertility, and we'd recommend soil sampling to best address your variable soils. Although this bean has strong defensive characteristics, it benefits from a complete seed treatment and Alpha Complete in the furrow at planting.



H20E3

PEKING SCN

2.0 MATURITY

PLANT HEIGHT: Medium Tall
 PLANT TYPE: Medium
 PHYTOPHTHORA GENE: RPS 1K
 SOYBEAN CYST NEMATODE: Peking



KEY STRENGTHS

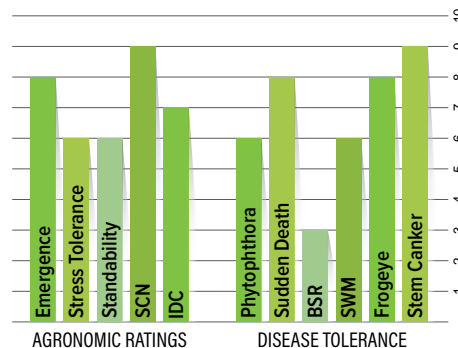
- Beautiful plant type with excellent yields! Peking SCN resistance, Rps 1K phytophthora resistance, and strong IDC tolerance. Above average tolerance to SDS and frogeye, as well.

WEAKNESSES

- BSR susceptible.

POSITIONING

- As close to a complete package as you're going to find at 2.0. Very good defensive characteristics will allow you to place this bean anywhere on your farm. This bean responds very well to added fertility and fertile soils. It also responds very well to Alpha Complete in-furrow with more roots and better yields. Always use a complete seed treatment.



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PROVEN CONTROL OF TOUGH WEEDS



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2,4-D choline | Glyphosate | Glufosinate



- Convenient proprietary blend of 2,4-D choline and glyphosate
- The two sites of action work together to deliver control of yield-robbing weeds and help prevent resistance



- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Provides additional tank-mix flexibility with Durango® DMA® herbicide, Liberty® herbicide and other qualified tank-mix products, allowing for a customized weed control program to fit each farm

On-Target Application

- 90% less drift than traditional 2,4-D
- 96% less volatile than 2,4-D ester

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Seeds containing the Enlist, Herculex and PowerCore traits are protected under one or more U.S. patents which can be found at: www.traitstewardship.com. The purchase of these seed traits include a limited license to produce a single crop in the United States. The use of seed from such a crop or the progeny thereof for propagation or seed multiplication or for production or development of a hybrid or different variety of seed is strictly prohibited. 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 Corteva Agriscience Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements. To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). 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.

The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies, L.L.C.™ * Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Corteva Agriscience and its affiliated companies. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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.

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FREQUENTLY ASKED QUESTIONS ABOUT CONVENTIONAL SOYBEANS

- **Is the yield potential as good as traited soybeans?**

Yes. The major soybean breeding companies still have a large percentage of their new crosses as conventional soybeans. When they find good ones, they work to add traits to them, but it takes several years. New conventional varieties have all the yield potential of their traited counterparts and may potentially be available years sooner.
- **Are there premiums available for conventional soybeans?**

Yes, there are often premiums available for conventional soybeans, but they can vary widely in the value and availability of offers.
- **Are conventional soybeans more susceptible to off-target spray drift?**

In most cases, the answer is no. However, traited soybeans will certainly tolerate drift from the specific herbicides they are tolerant to. Outside of that, there is no difference.
- **Is a pre-emerge herbicide program more important in conventional soybeans?**

Yes. If you do not want to use at least three different, effective modes of action pre-emerge (and preferably pre-plant), we do not recommend planting conventional soybeans, as perfect weed control will be virtually impossible to achieve post-emerge. There are fewer post-emerge rescue choices to use in conventional soybeans, so getting great control pre-emerge, especially on broadleaf weeds, is critical. However, if you're shooting for maximum yield and profit in traited soybeans, your pre-emerge weed control is very important there, as well.
- **What are my best post-emerge herbicide options in conventional soybeans?**

While you can't use dicamba, 2,4-D, Roundup, or Liberty in-crop on conventional soybeans, you still have a number of options. Scout and identify target weeds to determine which products will work best for you. Pursuit and FirstRate are two broad-spectrum ALS herbicides to base programs around. PPO herbicides like Flexstar, Cobra, Resource, and Cadet offer a control boost on weeds where the ALS chemistry falls short. There are many grass/volunteer corn herbicides like Select Max, Assure II, and Fusilade. Other broadleaf products include Basagran, Harmony SG, and Classic.
- **Are all conventional soybeans organic and non-GMO?**

While all conventional soybeans in the Hefty Brand Soybean lineup are non-GMO, most conventional soybeans (including ours) are not certified as organic. Check with your desired grain buyer for details on what products/practices are eligible for their purposes.

H12C4

PLANT HEIGHT: Medium
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: NO GENE
SOYBEAN CYST NEMATODE: PI 88.788

CONVENTIONAL

KEY STRENGTHS

- The bean that just keeps winning! Great yields nationwide. Solid overall defense package including SDN, IDC, phytophthora tolerance, charcoal root rot, and even SDS! Adds sulfonyleurea tolerance for additional weed control options.

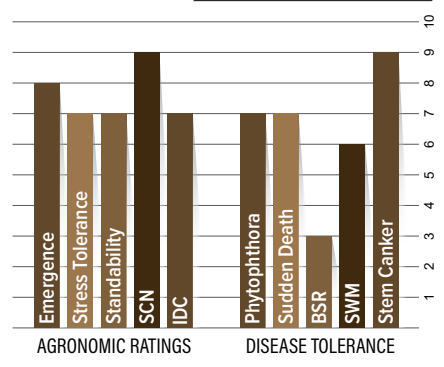
WEAKNESSES

- Brown stem rot.

POSITIONING

- This is the bean you want at this maturity. With the yields you're looking for and a near complete package for disease tolerance and plant characteristics, you just can't design them much better. Push this one for maximum performance with intensive management. Use a complete seed treatment including Naturals. Responds well to Alpha Complete in the furrow.

1.2 MATURITY



CONVENTIONAL

H15C4

PLANT HEIGHT: Medium
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1K
SOYBEAN CYST NEMATODE: PI 88.788

CONVENTIONAL

KEY STRENGTHS

- All-around stud variety with top yields and great agronomics! Fast out of the ground. Handles IDC, white mold, BSR, SDS, and phytophthora very well. Stands great. Deserves to be on your best ground.

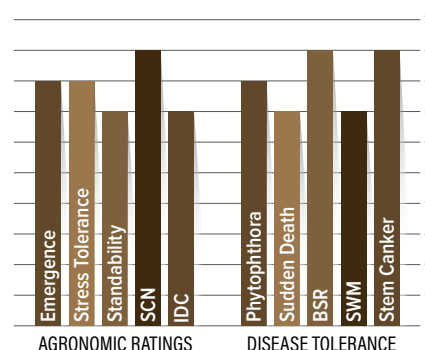
WEAKNESSES

- Haven't found it yet.

POSITIONING

- Great choice for broad acre placement at this maturity. Good early vigor and emergence. Solid agronomics and disease tolerance to pull you through to harvest. Loves being on your better ground and receiving intensive management. Use a complete seed treatment.

1.5 MATURITY



H19C4

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: RPS 1C
SOYBEAN CYST NEMATODE: PI 88.788

CONVENTIONAL

KEY STRENGTHS

- National line with strong agronomics! Great emergence and stress tolerance. Excellent field tolerance to phytophthora root rot. Moves north and south out of maturity zone well. BSR and SCN resistant.

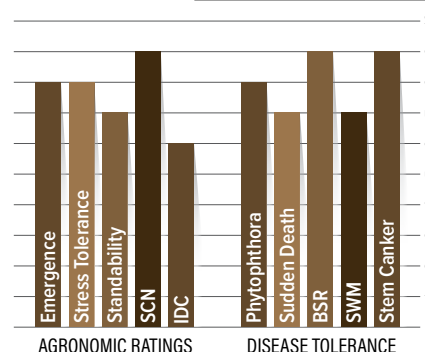
WEAKNESSES

- Only average on IDC.

POSITIONING

- Outstanding conventional soybean line with top yields that strengthen as you head east. The only real watchout is IDC, so use Soygreen at planting if you're going into historical IDC hotspots. This variety responds very well to intensive management and can be placed on all soil types and pushed for maximum performance. Use a complete seed treatment.

1.9 MATURITY



H20C4

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium+
PHYTOPHTHORA GENE: RPS 1K
SOYBEAN CYST NEMATODE: PI 88.788

CONVENTIONAL

KEY STRENGTHS

- Outstanding yields in the Corn Belt and west! Bigger and bushier plant type fills the rows fast and helps the fields stay cleaner late in the season. Dependable defensive package with the 1K gene for PRR, above-average SDS protection, and SCN resistance.

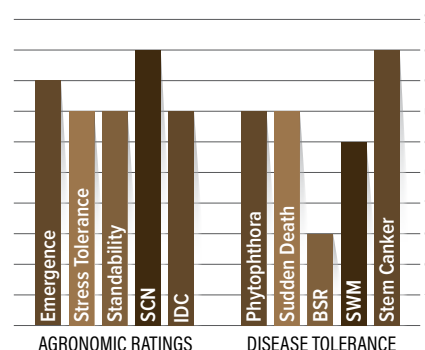
WEAKNESSES

- Susceptible to brown stem rot (BSR).

POSITIONING

- Very good choice for the Corn Belt and west. Racehorse yielder with good agronomics that can be helped by intensive management. This variety loves added potassium and foliar fungicides. Fits on all soil types and moves north and south out of its maturity zone well. Use a complete seed treatment.

2.0 MATURITY



H25C4

PLANT HEIGHT: Medium Tall
PLANT TYPE: Medium
PHYTOPHTHORA GENE: HRPS 1C
SOYBEAN CYST NEMATODE: PI 88.788

CONVENTIONAL

KEY STRENGTHS

- National line with best-in-class yield performance! Fast out of the ground and handles stress conditions well. Good height to fill in rows and stands well.

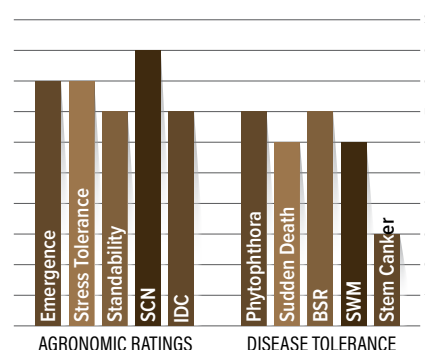
WEAKNESSES

- Disease tolerance is good, not great.

POSITIONING

- Fits on all soils and will yield with anything out there if you feed it. Use intensive management to hit yield highs. This variety loves fertility (especially K, but also some N if you're hitting 80+ bushels per acre). Consider adding Saltro to your complete seed treatment for added protection on SDS and other diseases.

0.06 MATURITY





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