



SPECTRUM
NON
GMO

2020 SEED GUIDE



OUR NON-GMO SEED IS ANYTHING BUT NON-DISTINCTIVE.

AT SPECTRUM NON-GMO, WE LOVE WHAT WE DO AND IT SHOWS.

OUR APPROACH TO SEED IS INTENTIONALLY NON-CONFORMING AND THE RESULTS ARE FAR FROM NON-DISTINCTIVE. WITH A PORTFOLIO OF PRODUCTS THAT PROVE THEIR WORTH SEASON AFTER SEASON, WE'RE EXCEEDING THE EXPECTATIONS OF OUR GROWERS. SO MUCH SO, DEMAND FOR SPECTRUM NON-GMO IS **HEATING UP!** TODAY, THIS NON-GMO BRAND WE LOVE IS NOW PLANTED ON MORE ACRES ACROSS THE UNITED STATES THAN EVER BEFORE.



**HOT
IDEA**

LOVE WHAT YOU DO AND YOU'LL NEVER HAVE
TO WORRY ABOUT BEING DISTINCTIVE!

THREE **DISTINCTIVE** ADVANTAGES TO SPECTRUM NON-GMO

POTENTIAL

There's a lot of genetic muscle behind this Non-GMO brand. From genetic selection and in-house breeding to research trials and on-farm plots, Spectrum studies thousands of genetic combinations every year. In the end, a select few products are chosen to advance to the pages of this guide.

PERFORMANCE

Whether winning university trials, like the 2018 Purdue University Non-GMO Test Plot, or taking first in regional test plots across the Corn Belt, Spectrum products came out on top in 2018.

PURITY

Produced in a manner that isolates seed from contamination, Spectrum's production fields are inspected multiple times by a third-party certification agency. Seed purity is tested prior to bagging, removing any possibility of packaging seed that fails to meet a 99% or higher purity rating.



HOT PRODUCTS. EVEN HOTTER RESULTS!

2020 Hybrid Portfolio

CONSIDER
FOR 2020



NEW 3496

- Tremendous early vigor
- Plant on any acre within zone

Relative Maturity: 84



PLACEMENT NOTES

CONSIDER
FOR 2020



3617

- Balanced combination of agronomics and yield
- Longer, flex-style ear with very good grain quality

Relative Maturity: 86

PLACEMENT NOTES

CONSIDER
FOR 2020



4046

- Powerful combination of yield and agronomics
- Moves south as an early maturity option

Relative Maturity: 90

PLACEMENT NOTES

CONSIDER
FOR 2020



4432

- Superb overall performance with fast row canopy
- Strong roots and stalks

Relative Maturity: 94

PLACEMENT NOTES

CONSIDER
FOR 2020



4655

- Top-end yield environments
- Excels in 95-100 RM zones with Goss' tolerance

Relative Maturity: 96

PLACEMENT NOTES

CONSIDER
FOR 2020



NEW 4642

- Flex ears with deep kernels
- Strong defenses against drought-like conditions

Relative Maturity: 96

PLACEMENT NOTES



2018 Research Standout

4725

CONSIDER
FOR 2020



- Excellent dual purpose option with early vigor
- Tremendous ear flex at lower populations

Relative Maturity: 97

PLACEMENT NOTES

5098

CONSIDER
FOR 2020



- Consistent yield levels in varying environments
- Moves south as an early maturity option

Relative Maturity: 100

PLACEMENT NOTES

5111

CONSIDER
FOR 2020



- Outstanding yield, stay green and fall appearance
- Very strong ear flex at medium planting rates

Relative Maturity: 101



PLACEMENT NOTES

5285

CONSIDER
FOR 2020



- Highly versatile and well-adapted on any acre
- Moves south as an early maturity option

Relative Maturity: 102



PLACEMENT NOTES

5452

CONSIDER
FOR 2020



- Yield leader with strong roots
- Great option for silage

Relative Maturity: 104



PLACEMENT NOTES

5654

CONSIDER
FOR 2020



- Excellent yield performance in prairie soils
- Strong roots and stalks with fast drydown

Relative Maturity: 106

PLACEMENT NOTES

CONSIDER
FOR 2020



5706

- High yield performance at higher planting rates
- Excels in high yield environments

Relative Maturity: 107



PLACEMENT NOTES

CONSIDER
FOR 2020



5859

- Consistent performance in variable soils
- Strong agronomics and disease package

Relative Maturity: 108



PLACEMENT NOTES

CONSIDER
FOR 2020



5998

- Outstanding yield stability across environments
- Grain quality well-suited for special applications

Relative Maturity: 109

PLACEMENT NOTES

CONSIDER
FOR 2020



6105

- Impressive test weight
- Robust silage or excellent grain quality option

Relative Maturity: 111

PLACEMENT NOTES

CONSIDER
FOR 2020



6115

- Dominant performance with wide area adaptation
- Excellent dual purpose for grain or silage

Relative Maturity: 111



PLACEMENT NOTES

CONSIDER
FOR 2020



6244

- Highly adaptive to variable soil types
- Expresses flex ear with very deep kernels

Relative Maturity: 112



PLACEMENT NOTES

CONSIDER
FOR 2020



NEW 6228

- Dominating high yielder
- Good companion to our new 6229

Relative Maturity: 112



PLACEMENT NOTES

CONSIDER
FOR 2020



NEW 6229

- Rapid emergence with strong roots
- Great staygreen and drydown

Relative Maturity: 112



PLACEMENT NOTES

CONSIDER
FOR 2020



NEW 6314

- Offers high yield stability in variable soils
- Exceptional test weight

Relative Maturity: 113



PLACEMENT NOTES

CONSIDER
FOR 2020



6334

- Versatile with excellent agronomics
- Drought tolerant with strong roots and stalks

Relative Maturity: 113

PLACEMENT NOTES

CONSIDER
FOR 2020



6416

- Top yield performance across environments
- Tremendous ear flex at moderate populations

Relative Maturity: 114



PLACEMENT NOTES

CONSIDER
FOR 2020



NEW 6775

- Large flex ears for population flexibility
- Proven on a variety of soil types

Relative Maturity: 117



PLACEMENT NOTES

Hybrid Ratings

HYBRID	3496	3617	4046	4432	4655	4642	4725	5098	5111	5285	5452	5654
RELATIVE MATURITY	84	86	90	94	96	96	97	100	101	102	104	106
SILTY LOAM	8	8	9	9	9	9	7	8	7	9	9	9
CLAY	8	8	7	7	7	8	9	8	9	8	9	6
SAND	8	8	8	7	5	8	4	8	8	8	8	6
NARROW ROWS	8	7	8	5	7	6	4	6	6	7	7	9
CORN AFTER CORN	8	4	8	6	6	6	5	8	9	8	6	5
NO TILL	8	7	8	8	6	8	9	9	7	7	7	6
HIGH POP RESPONSE	7	8	8	6	7	8	5	7	6	8	7	8
EMERGENCE	9	8	8	7	7	8	8	8	7	8	7	6
EARLY VIGOR	9	8	8	8	7	8	9	8	7	8	7	7
STALK STRENGTH	8	7	8	8	6	8	7	8	8	8	7	7
ROOT STRENGTH	8	7	8	7	6	7	6	6	8	8	9	7
STAYGREEN	8	8	8	7	8	8	7	7	9	8	6	9
DRYDOWN	6	7	6	8	5	7	6	6	7	7	6	6
DROUGHT TOLERANCE	7	8	9	6	5	9	6	7	7	6	8	7
TEST WEIGHT	7	8	8	7	5	8	7	7	7	5	5	6
NORTHERN LEAF BLIGHT	8	7	7	6	7	7	8	5	8	8	8	7
GRAY LEAF SPOT	8	6	7	7	5	7	5	7	8	8	7	5
GOSS' WILT	8	6	8	7	8	9	6	8	6	6	8	6
FUNGICIDE RESPONSE	6	8	7	8	8	8	7	8	6	7	8	8
PLANT HEIGHT	M-T	M-T	M-T	M-T	M	M-T	T	M-T	M-T	M	M-T	M
EAR TYPE	S-FL	FL	S-FL	FL	FL	FL	FL	S-FL	FL	S-DET	FL	S-FL
SILAGE	8	7	7	8	5	8	8	9	7	5	8	6
ORGANIC AVAILABLE									YES			
UNTREATED AVAILABLE			YES						YES		YES	



**HOT
IDEA**

PLANT SPECTRUM'S 99% OR HIGHER PURE NON-GMO SEED TO ELIMINATE
CONTAMINATION AT THE TIME OF PLANTING.

HYBRID	5706	5859	5998	6105	6115	6244	6228	6229	6314	6334	6416	6775
RELATIVE MATURITY	107	108	109	111	111	112	112	112	113	113	114	117
SILTY LOAM	9	8	8	9	9	9	9	9	9	8	9	8
CLAY	9	8	8	8	9	8	8	8	8	9	9	8
SAND	8	8	8	7	8	8	8	7	7	7	8	8
NARROW ROWS	8	8	5	5	6	5	7	8	6	7	6	8
CORN AFTER CORN	9	7	6	8	7	8	8	7	7	8	8	8
NO TILL	8	7	7	7	9	7	7	8	7	7	7	7
HIGH POP RESPONSE	8	7	7	5	8	6	7	8	7	7	6	8
EMERGENCE	7	7	8	8	8	7	6	9	8	7	8	6
EARLY VIGOR	8	8	9	8	9	7	7	8	8	7	7	6
STALK STRENGTH	8	8	7	6	8	8	8	7	7	8	8	9
ROOT STRENGTH	9	8	7	7	8	8	8	8	8	8	6	8
STAYGREEN	9	6	7	6	8	7	8	8	6	5	6	9
DRYDOWN	6	7	6	9	6	7	7	9	7	8	5	5
DROUGHT TOLERANCE	8	8	8	8	8	8	8	8	7	8	8	8
TEST WEIGHT	7	6	8	9	8	6	8	7	8	6	7	8
NORTHERN LEAF BLIGHT	9	8	7	7	8	9	7	7	8	7	8	8
GRAY LEAF SPOT	8	8	7	7	6	8	9	7	8	7	8	8
GOSS' WILT	8	6	7	8	8	8	5	9	6	6	8	7
FUNGICIDE RESPONSE	5	7	8	7	7	6	7	8	7	7	7	6
PLANT HEIGHT	M-T	M	M-T	T	M-T	M-T	M-T	M	M-T	M-T	M-T	M-T
EAR TYPE	S-FL	S-FL	FL	FL	S-FL	FL	FL	S-FL	S-FL	S-FL	FL	FL
SILAGE	8	7	8	9	9	7	9	8	8	8	9	7
ORGANIC AVAILABLE	YES										YES	
UNTREATED AVAILABLE	YES			YES	YES				YES		YES	

SCALE: 9=BEST; 1=WORST

To find your nearest agronomy advisor, please call (866) 400-9468.

2020 SOYBEAN PORTFOLIO

Don't see what you're looking for? Let us know!

	CONSIDER FOR 2020 <input type="checkbox"/>	CONSIDER FOR 2020 <input type="checkbox"/>	CONSIDER FOR 2020 <input type="checkbox"/>	CONSIDER FOR 2020 <input type="checkbox"/>
VARIETY 40-unit totes 140k seeds per unit	2719NG TOTE	3219NG TOTE	3819NG TOTE	3919NG TOTE
RELATIVE MATURITY	2.7	3.2	3.8	3.9
SOIL TYPES	All	All	All	All
CANOPY TYPE	Medium	Medium	Medium	Medium
PLANT HEIGHT	Medium	Medium	Med-Tall	Med-Tall
STANDABILITY	9	8.7	8.8	8.5
FLOWER COLOR	White	Purple	White	White
PUBESCENCE COLOR	Light Tawny	Gray	Tawny	Tawny
POD WALL COLOR	Tan	Brown	Tan	Tan
HILUM COLOR	Black	Black	Black	Black
SHATTER	9	8.8	8.9	8.4
PHYTOPHTHORA GENE	RNA	RNA	RNA	RNA
PHYTOPHTHORA TOLERANCE	8.1	8.2	8.0	8.0
EMERGENCE	8.5	8.6	8.7	8.8
SUDDEN DEATH SYNDROME	8.3	9	8.1	8.1
BROWN STEM ROT	8.2	RNA	8.3	8.3
SCN RESISTANCE SOURCE	P188788	P188788	P188788	P188788
IRON CHLOROSIS	8.4	7.1	7.4	7.1
WHITE MOLD	8.1	7.8	8.0	8.1
PROTEIN	33%	40%	40%	41%

PLACEMENT NOTES

To find your nearest agronomy advisor, please call (866) 400-9468.

YOUR NON-GMO SUCCESS BEGINS HERE

PRODUCT SELECTION

Work with your favorite agronomy advisor to determine the right selection of Non-GMO products for your acres. Choose from organic corn, pure Non-GMO seed corn, or Non-GMO soybeans. Not sure if you have an agronomy advisor? Call (866) 400-9468 to find out!

SEED TREATMENT

Determine whether or not you want UNTREATED or TREATED seed. Spectrum hybrids come standard with a unique combination of 250-level insecticide as well as fungicide, micronutrients, and growth promoters. Not sure what you need? Your agronomy advisor can help!

2020 SPECTRUM SEED ORDER

Book your seed selections early to secure the products you want to plant in 2020.

Work with your agronomy advisor to place your order, select your payment terms,

choose your purchase rewards and determine your preferred delivery option.

WORK WITH A COMPANY THAT SPECIALIZES IN NON-GMO. YOU'LL HAVE A
FULL-TIME NON-GMO EXPERT ON STAFF WITHOUT THE ADDED EXPENSE!

**HOT
IDEA**





NON-GMO CORN | NON-GMO SOYBEANS | ORGANIC CORN

www.spectrumseed.com

(866) 400-9468