

ENCASE[®]

FOR WHEAT

ENCASE SEED TREATMENT MEANS MORE ROOTS



The above picture was taken ten days after planting. ENCASE[®] treatment can significantly increase the size of the root system. In addition to the larger root system, ENCASE[®] for wheat will protect the plant from fall insects along with fall infections of Mildew and several other seedling diseases. That means that your wheat will come out of dormancy, disease free in the spring. ENCASE[®] for wheat is the most cost effective seed treatment on the market today. Why settle for less effective products that will not enhance early plant growth when you can have a bigger root system along with superior insect and disease protection.

ENCASE is a registered trademark of Wellman Seeds, Inc.

PLANTING RATE: SEEDS PER ACRE

Seeds/Acre Million	Seeds Sq. Ft.	Row Width				
		7"	7.5"	8"	10"	12"
1.0	23	13	14	15	19	23
1.1	25	15	16	17	21	25
1.2	28	16	17	18	23	28
1.3	30	17	19	20	25	30
1.4	32	19	20	21	27	32
1.5	34	20	22	23	29	34
1.6	37	21	23	24	31	37
1.7	39	23	24	26	33	39
1.8	41	24	26	28	34	41
1.9	44	25	27	29	36	44
2.0	46	27	29	31	38	46
2.1	48	28	30	32	40	48
2.2	51	29	32	34	42	51
2.3	53	31	33	35	44	53
2.4	55	32	34	37	46	55

Ohio State recommends 1.1 to 1.5 million seeds per acre when planted close to the fly free date. If seeding is delayed 3 weeks increase seeding rate by an additional 200,000 per acre.

SEED SIZE CONVERSION

Seeds/Lb.	Seeds Per Sq. Ft.						
	25	30	34	39	44	48	53
10,000	109	131	148	170	192	209	231
11,000	99	119	135	154	174	190	210
12,000	91	109	123	142	160	174	192
13,000	84	101	114	131	147	161	178
14,000	78	93	106	121	137	149	165
15,000	73	87	99	113	128	139	154
16,000	68	82	93	106	120	131	144
17,000	64	77	87	100	113	123	136

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WELLMAN SEEDS



2019 WHEAT VARIETIES

	W 302	W 312	W 304	W 314	W 305	W 316	Starburst
Maturity	124	124	126	125	126	126	127
Height	35	33	34	34	33	33	30
Test Wt.	58.8	58.5	58.5	59.6	59.2	58.8	59.5
Bearded	YES	YES	YES	YES	NO	YES	NO
Wide Rows	YES	YES	YES	YES	YES	YES	NO
Barley Yellow Dwarf	7	7	6	7	7	7	6
Powdery Mildew	8	6	5	8	7	7	6
Leaf Rust	7	7	6	7	6	7	6
Stripe Rust	8	8	4	8	9	8	5
Septoria	8	8	7	8	8	8	7
Head Scab	7	7	7	7	8	8	6

Data generated from 2018 State & Replicated Trial Results in OH, MI & IN. With 10= Excellent, 1=Poor

W 302

W 302 is a bearded variety and is medium tall in height. This variety was the highest yielding early variety in our on farm trials in 2018, and exhibited excellent disease tolerance with type II scab resistance. Great test weight and early maturity makes this variety a farmer's favorite. W 302 is also the best choice for farmers who wish to double-crop beans following wheat harvest. The recommended seeding rate for this variety is 1.8 million seeds per acre (120 to 150 lbs/acre) in 7½ inch rows. 1.4 million seeds per acre in 10 inch rows and 1.2 million seeds in 15 inch rows.

W 312

W 312 is a bearded variety and has average height. This variety was one of the earliest maturing varieties in the 2018 Ohio wheat performance trials. W 312 has exhibited excellent disease tolerance with type II scab resistance. This variety will have Great test weight and super performance even under disease pressure. W 312 is also fits well in a double cropping environments because of its early maturity. The recommended seeding rate for this variety is 1.8 million seeds per acre (120 to 150 lbs/acre) in 7½ inch rows. 1.4 million seeds per acre in 10 inch rows and 1.2 million seeds in 15 inch rows.

W 304

W 304 is a bearded variety that likes to be planted early. It has a very defensive disease package including type II head scab resistance. This variety has medium height and is suitable for planting in all row widths. It is adapted to all soils and responds well to high management production systems. This variety has proven its self on all soils with very impressive yields. It was our highest yielding variety in the 2018 Ohio State wheat trial. The recommended seeding rate for this variety is 1.5 to 1.6 million seeds per acre (120 to 150 lbs/acre) in 7½ inch rows. 1.2 million seeds per acre in 10 inch rows and 1.0 million seeds in 15 inch rows.

W 314

W 314 is a new bearded variety that could be called both a Racehorse and a Workhorse. This variety will also have one of the highest test weights of all of the Wellman lines. It has Excellent agronomics including great disease tolerance and excellent standability. While it does respond well to high management it will still make lots of wheat under average fertility. The recommended seeding rate for this variety is 1.5 to 1.6 million seeds per acre (120 to 150 lbs/acre) in 7½ inch rows. 1.2 million seeds per acre in 10 inch rows and 1.0 million seeds in 15 inch rows.

W 305

W 305 is the highest yielding smooth headed variety in our lineup. It has a very strong performance history yielding with or exceeding some of the best varieties on the market today.

Of all varieties in our lineup this variety has the super best resistance to head scab. In trials that have been ravaged by scab this variety will come up clean.

W 305 will have super test weight and is adapted to all soil types. The recommended seeding rate for this variety is 1.5 to 1.6 million seeds per acre (120 to 150 lbs./acre) in 7½ inch rows. 1.2 million seeds per acre in 10 inch rows and 1.0 million seeds in 15 inch rows.

W 316

W 316 was the second highest yielding Wellman variety in the 2018 Ohio State wheat trial. Like all of the other Wellman brand varieties this one also has two gene resistance to Head scab. It will also have excellent straw quality for the grower who likes to bale his straw. This variety is suited for all soils and even did well in some of the tighter slow draining soils in 2019. The recommended seeding rate for this variety is 1.5 to 1.6 million seeds per acre (120 to 150 lbs./acre) in 7½ inch rows. 1.2 million seeds per acre in 10 inch rows and 1.0 million seeds in 15 inch rows.



STARBURST

STARBURST has Sunburst as one of its parents. It is similar in height to Sunburst and has a very impressive multiple-year replicated trial performance record compared to its parent. It is not bearded and has great test weight and overall disease tolerance. Starburst has shown very consistent performance over a wide range of soil types. The recommended seeding rate for STARBURST is 1.8 million seeds per acre (120 to 150 lbs./acre) in 7½ inch rows. 1.4 million seeds per acre in 10 inch rows and 1.2 million seeds in 15 in rows.