

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" Approx.	7.5" Approx.	8" Approx.	10" Approx.	12" Approx.
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



2016 WHEAT VARIETIES



	W 202	W 303	W 204	W 304	W 206	W 307	W 207	Sunburst
Maturity	124	125	125	126	127	127	128	130
Height	35	33	34	34	33	30	33	28
Test Wt.	57.2	58.6	56.9	59.4	59.5	59.0	57.0	59.4
Bearded	YES	NO	YES	YES	YES	NO	NO	NO
Wide Rows	YES	YES	YES	YES	YES	YES	YES	NO
Barley Yellow Dwarf	2.2	2.6	2.4	2.8	2.5	2.9	2.1	3.2
Powdery Mildew	3.0	2.8	3.0	2.8	2.3	2.7	3.1	2.6
Leaf Rust	1.7	1.5	1.9	2.6	2.2	1.8	3.0	1.9
Stripe Rust	2.3	3.5	3.2	3.5	2.5	1.2	2.4	1.1
Septoria	3.1	2.1	2.0	2.1	3.1	3.0	3.2	3.9
Head Scab	2.1	1.5	2.2	1.5	1.8	1.8	3.0	2.9
Data generated from 2015 State Trial Results in OH, MI & IN. With 1= Excellent, 9=Poor								

W 202

W 202 is a bearded variety and is similar in height to W 204. This variety topped our research trials in 2014, and exhibited excellent disease tolerance. Great test weight and early maturity will quickly make this variety a farmer's favorite. W 202 is also a great choice for farmers who wish to double-crop following 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 303

W 303 is a new non-bearded variety that possesses a gene that will give it type II resistance to head scab. Its yield is about 15 bushels better than our old W 125. W 303 has excellent Septoria resistance and leaf rust resistance in addition to great winter hardiness. This variety has some susceptibility to Stripe Rust. 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 204

W 204 is a bearded variety that has super standability and is widely adapted across all soil types. It has good disease tolerance especially to Septoria. In replicated testing this variety had very consistent yields at the top of the trials. 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 304

W 304 is a new 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. 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 206

W 206 is a bearded variety that has extremely high yield potential. It has great overall disease tolerance with good test weight. This variety has average height and is suitable for planting in wide rows. W 206 has proven its self on all soils with very high yields. 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 207

W 207 is similar in height to W 206 and has a very impressive multiple-year replicated trial performance record. It is not bearded and has great scab tolerance for an early variety. W 207 has shown very consistent performance over a wide range of soil types. The recommended seeding rate for W 207 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

W 307

W 307 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. W 307 has shown very consistent performance over a wide range of soil types. The recommended seeding rate for W 307 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.

SUNBURST

This non bearded variety that has extremely high test weight and great eye appeal. It will be two days later, than W 207, and 4 to 5 inches shorter. Sunburst's test weight can be 2 to 3 pounds heavier than other wheat varieties. With its upright leaf habit Sunburst is also an excellent variety for relay cropping. Sunburst has excellent winter hardiness, great tolerance to head scab, super test weight, high yield potential and excellent disease resistance. 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.

