



2019 CORN PLANTING POPULATION RECOMMENDATIONS

Genetic Family*	RM	Population Response		Yield Goal (Bu/A)						
		Low	High	80-109	110-139	140-169	170-199	200-229	230-259	260-300
				<i>Recommended planting rate range (seeds per acre x 1000)</i>						
6075, 6072	90	7	4	15-19	19-23	23-27	27-30	30-32	32-33	33-34
6621, 6620	96	6	7	16-21	21-25	25-28	28-31	31-34	34-34	36-38
6696, 6695	96	5	5	17-21	21-24	24-27	27-31	31-34	34-36	36-37
6782	97	6	6	16-21	21-25	25-28	28-31	31-34	34-36	36-37
6814, 6813	98	7	4	15-19	19-23	23-27	27-30	30-32	32-33	33-34
6850	98	6	6	16-21	21-25	25-28	28-31	31-33	33-35	35-37
7089, 7088	100	7	5	15-19	19-23	23-27	27-30	30-33	33-35	35-36
7210, 7209	102	7	6	15-19	19-23	23-27	27-31	31-34	34-36	36-38
7224	102	6	6	16-21	21-25	25-28	28-31	31-33	33-35	35-37
7404, 7402	104	6	7	16-21	21-25	25-28	28-31	31-34	34-34	36-38
7435, 7434	104	7	5	15-19	19-23	23-26	26-29	29-32	32-34	34-36
7481, 7480	104	6	7	16-21	21-25	25-28	28-31	31-34	34-36	36-38
7558, 7557	105	5	6	17-21	21-24	24-28	28-31	31-34	34-36	36-38
7583	105	7	6	15-19	19-23	23-27	27-31	31-34	34-36	36-38
7644, 7643	106	5	9	17-22	22-26	26-29	29-33	33-36	36-38	38-40
7692	106	6	7	16-21	21-25	25-28	28-31	31-34	34-34	36-38
7760	107	7	4	15-19	19-23	23-27	27-30	30-32	32-33	33-34
7774	107	6	6	16-21	21-25	25-28	28-31	31-33	33-35	35-37
7818	108	4	8	18-22	22-26	26-29	29-32	32-35	35-37	37-39
7886	108	5	7	17-21	21-24	24-27	27-31	31-34	34-37	37-38
7901, 7900	109	8	4	NR	18-21	21-24	24-27	27-30	30-32	32-34
7947, 7946	109	7	5	15-19	19-23	23-26	26-29	29-32	32-34	34-36
8028	110	6	7	16-21	21-25	25-28	28-31	31-34	34-34	36-38
8049	110	7	5	NR	NR	NR	26-29	29-32	32-34	34-36
8067, 8066	110	5	6	17-21	21-24	24-27	27-30	30-33	33-35	35-37
8106, 8104	111	5	6	17-21	21-24	24-27	27-30	30-33	33-35	35-37
8175	111	6	6	16-21	21-25	25-28	28-31	31-34	34-36	36-37
8217	112	5	7	17-21	21-24	24-27	27-30	30-33	33-35	35-38
8240, 8239	112	5	7	17-21	21-25	25-28	28-31	31-33	33-35	35-38
8255	112	4	6	18-22	22-25	25-28	28-31	31-33	33-35	35-37
8295, 8294	112	8	4	NR	NR	NR	23-26	26-28	28-30	30-32
8364, 8363	112	5	7	17-21	21-25	25-28	28-31	31-33	33-36	36-38
8319	113	5	7	17-21	21-24	24-27	27-31	31-34	34-36	36-38
8338	113	6	6	16-21	21-25	25-28	28-31	31-33	33-35	35-37
8349, 8348	113	5	7	17-21	21-24	24-27	27-31	31-34	34-36	36-38
8367	113	5	6	17-21	21-24	24-27	27-30	30-33	33-35	35-37
8691	113	5	6	17-21	21-24	24-27	27-30	30-33	33-35	35-37
8383, 8382	113	5	7	17-21	21-24	24-27	27-30	30-33	33-36	36-38
8347, 8345	114	8	4	NR	18-21	21-24	24-28	28-31	31-33	33-35
8408	114	6	8	16-21	21-25	25-28	28-32	32-35	35-37	37-39
8416, 8414	114	6	5	16-20	20-23	23-26	26-29	29-32	32-34	34-36
8491, 8490	114	6	6	16-21	21-25	25-28	28-31	31-33	33-35	35-37
8512, 8511	115	7	4	15-19	19-23	23-27	27-30	30-32	32-33	33-34
8531, 8529	115	8	4	13-16	16-19	19-23	23-26	26-29	29-32	32-35
8556	115	5	6	17-21	21-24	24-27	27-30	30-32	32-35	35-37
8574, 8572	115	6	8	17-21	21-24	24-27	27-30	30-33	33-36	36-38
8636	116	7	5	15-19	19-23	23-26	26-29	29-32	32-34	34-36
8750	117	6	6	16-21	21-25	25-28	28-31	31-33	33-35	35-37

* Denotes HPT brand products.
 NR = Not Recommended for that yield environment.

CHARACTERISTIC DEFINITIONS

Low Population and High Population Ratings are based on a 1-9 scale with 9 being the best. Definitions are as follows:

Low Population Response – (Ear Flex) A hybrid's ability to outyield other hybrids at low populations.

High Population Response – Likelihood of a yield benefit at aggressive planting populations. Also takes into account standability at high populations.

TRAIT DEFINITIONS

AM - Optimum® AcreMax® Insect Protection system with YGCB, HX1, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax products.

AMX - Optimum® AcreMax® Xtra Insect Protection system with YGCB, HXX, LL, RR2. Contains a single-bag integrated refuge solution for above- and below-ground insects. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax Xtra products.

AVBL, YGCB, HX1, LL, RR2 (Optimum® Leptra®) - Contains the Agrisure Viptera® trait, the YieldGard Corn Borer gene, the Herculex® I gene, the LibertyLink® gene, and the Roundup Ready® Corn 2 trait.

RW, HX1, LL, RR2 (Optimum® TRIsect®) - Contains the Herculex I gene for above-ground pests and the Agrisure® RW trait for resistance to corn rootworm.

AMXT (Optimum® AcreMax® XTreme) - Contains a single-bag integrated refuge solution for above- and below-ground insects. The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene, and the Herculex® XTRA genes. In EPA-designated cotton growing counties, a 20% separate corn borer refuge must be planted with Optimum AcreMax XTreme products.

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, postemergent weed control of Liberty® herbicide for optimum yield and excellent weed control.

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