



2021 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>						
6620	96	6	7	16-21	21-25	25-28	28-31	31-34	34-36	36-38
6850	98	6	6	16-21	21-25	25-28	28-31	31-33	33-35	35-37
7028, 7027	100	5	7	17-21	21-24	24-27	27-30	30-33	33-36	36-38
7089, 7088	100	7	5	15-19	19-23	23-27	27-30	30-33	33-35	35-36
7211, 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
7322	103	5	7	17-21	21-24	24-27	27-30	30-33	33-36	36-38
7404, 7402	104	6	7	16-21	21-25	25-28	28-31	31-34	34-36	36-38
7436, 7434	104	7	5	15-19	19-23	23-26	26-29	29-32	32-34	34-36
7692	106	6	6	16-21	21-25	25-28	28-31	31-33	33-35	35-37
7760	107	7	4	NR	NR	23-26	26-29	29-32	32-33	33-34
7772	107	6	6	NR	NR	24-27	27-30	30-33	33-35	35-37
7818	108	4	8	18-22	22-26	26-29	29-32	32-35	35-37	37-39
7870, 7869	108	5	6	NR	NR	24-27	27-30	30-33	33-35	35-37
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
7921	109	7	4	NR	NR	23-26	26-29	29-32	32-33	33-34
7946, 7945	109	7	4	15-19	19-23	23-26	26-29	29-32	32-33	33-34
7955	109	6	5	16-20	20-23	23-26	26-29	29-32	32-34	34-36
7990	109	6	5	NR	NR	23-26	26-29	29-32	32-34	34-36
8009	110	6	6	NR	NR	25-28	28-31	31-33	33-35	35-37
8028	110	5	6	17-21	21-24	24-27	27-30	30-33	33-35	35-37
8066, 8064	110	5	6	17-21	21-24	24-27	27-30	30-33	33-35	35-37
8073	110	5	6	17-21	21-24	24-27	27-30	30-33	33-35	35-37
8085, 8084	110	5	7	17-21	21-24	24-27	27-30	30-33	33-36	36-38
8097	110	7	4	NR	NR	23-26	26-29	29-32	32-33	33-34
8106, 8104	111	5	6	17-21	21-24	24-27	27-30	30-33	33-35	35-37
8140	111	7	5	15-19	19-23	23-27	27-30	30-33	33-35	35-36
8188	111	6	5	NR	NR	23-26	26-29	29-32	32-34	34-36
8217	112	5	7	17-21	21-24	24-27	27-30	30-33	33-35	35-38
8235, 8233	112	5	7	17-21	21-24	24-27	27-30	30-33	33-36	36-38
8255	112	4	6	18-22	22-25	25-28	28-31	31-33	33-35	35-37
8268	112	6	6	16-21	21-25	25-28	28-31	31-33	33-35	35-37
8296	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
8338	113	6	5	NR	NR	23-26	26-29	29-32	32-34	34-36
8349, 8348	113	5	7	17-21	21-24	24-27	27-31	31-34	34-36	36-38
8382, 8381	113	5	7	17-21	21-24	24-27	27-30	30-33	33-36	36-38
8371	113	6	6	16-21	21-25	25-28	28-31	31-33	33-35	35-37
8417, 8414	114	6	5	16-20	20-23	23-26	26-29	29-32	32-34	34-36
8447	114	6	5	NR	NR	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	6	5	16-20	20-23	23-26	26-29	29-32	32-34	34-36
8519, 8518	115	6	5	NR	NR	23-26	26-29	29-32	32-34	34-36
8531, 8529	115	8	4	13-16	16-19	19-23	23-26	26-29	29-32	32-34
8637, 8636	116	7	4	NR	NR	23-26	26-29	29-32	32-33	33-34
8707	117	6	6	16-21	21-25	25-28	28-31	31-33	33-35	35-37
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

Q (Qrome®) - The major component contains the Agrisure® RW trait, the YieldGard® Corn Borer gene, and the Herculex® XTRA genes. 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 Qrome products. Qrome® products are approved for cultivation in the U.S. and Canada. They have also received approval in a number of importing countries, most recently China. For additional information about the status of regulatory authorizations, visit <http://www.biotradestatus.com/>

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.

AML - Optimum® AcreMax® Leptra® products with AVBL, 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 Leptra products.

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