

2020 Grain Corn Variety Trial at Minot

Company	Hybrid	Relative	Days to	Ear	Harvest	Test	Grain Yield				
		Maturity	Silk	Height	Moisture	Weight	2018 ^a	2019 ^b	2020 ^c	2 yr	3 yr
		days	DAP*	inches	%	lbs/bu	bushels per acre				
Peterson Farms	22C74	74	63	31	13.9	56.9	--	--	84	--	--
Peterson Farms	21N78	78	66	34	12.8	53.2	--	--	77	--	--
Peterson Farms	71V81	81	66	33	14.3	54.6	78	98	103	101	93
REA Hybrids	1B750	75	65	32	14.2	55.5	--	--	83	--	--
REA Hybrids	1B780	79	65	35	15.2	55.1	68	112	119	115	100
REA Hybrids	1B821	82	67	35	16.9	56.1	--	--	102	--	--
REA Hybrids	2B851	85	66	35	13.7	52.9	--	--	107	--	--
INTEGRA	3009 VT2P RIB	79	65	31	13.5	54.7	--	104	102	103	--
INTEGRA	3282 VT2P RIB	82	69	36	15.8	56.6	64	101	98	99	88
INTEGRA	3431 VT2P RIB	84	69	35	18.7	57.9	--	--	118	--	--
INTEGRA	3537 VT2P RIB	85	69	37	17.3	56.0	75	102	104	103	94
NK Seeds	NK7837-3220 EZ Ref	78	67	40	17.3	57.4	--	--	91	--	--
NK Seeds	NK8005-3220A EZ Ref	80	68	35	13.8	55.0	--	--	109	--	--
NK Seeds	NK8204-3220 EZ Ref	82	70	43	18.0	57.3	--	--	104	--	--
NK Seeds	NK8519-3220 EZ Ref	85	72	40	16.7	54.9	--	--	108	--	--
Golden Harvest	G78C29-3220 EZ Ref	78	65	38	14.6	56.8	--	--	110	--	--
Dyna-Gro	D22QZ42	82	66	34	15.3	55.6	--	107	114	110	--
Dyna-Gro	D21VC81	81	66	38	14.9	54.8	--	--	115	--	--
Thunder Seed	T4072 RR	72	62	33	12.5	53.7	--	--	89	--	--
Thunder Seed	T6074 VT2P	74	64	33	14.6	57.2	--	91	109	100	--
Thunder Seed	T6079 VT2P	79	64	35	13.9	54.7	--	101	114	107	--
Thunder Seed	T6181 VT2P	81	66	36	15.6	55.6	--	--	113	--	--
Thunder Seed	T6782 VT2P	82	66	31	16.3	57.5	75	94	100	97	90
Proseed	1984 VT2P	84	66	35	17.2	56.6	--	--	119	--	--
Proseed	1882 VT2P	82	66	36	15.2	56.9	--	--	111	--	--
Proseed	2078 GT	78	66	36	13.9	54.0	--	--	87	--	--
Proseed	1980 VT2P	80	64	35	14.0	55.2	--	92	130	111	--
Trial Mean			66	35	15.2	55.7	68	104	104	--	--
C.V.%			1.1	4.6	10.8	2.4	10.7	10.6	5.2	--	--
LSD 5%			1	3	2.7	2.2	12	18	9	--	--
LSD 10%			1	2	2.2	1.8	10	15	8	--	--

*DAP = Days after planting.

^a 2018 Strip till twin rows planted on May 15 into wheat stubble and harvested on October 11.

^b 2019 Strip till planted on May 9 into spring wheat stubble and harvested on October 28.

^c 2020 Strip till planted on May 19 into soybean stubble and harvested on October 12.

Planting Rate: 30,000 seeds/A

Row Spacing: 30"

Soil Type: Williams Loam

Note: Test weights and yields are adjusted to 15.5% moisture. The 2018 trial sustained severe drought.