

**NDSU Carrington Research Extension Center  
2021 Variety Trial Data**

**Corn - Irrigated**

**Carrington (Page 1 of 2)**

Brand	Hybrid	Trait Package	Maturity	Days to Silk	Ear Height	Plant Height	Lodge <sup>1</sup>	Harvest Moisture	Test Weight	Protein	Oil	Starch	--- Grain Yield ---		
													2021	2-yr. Avg.	
				Silk	In	In	0-9	%	lb/bu	%	%	%	-----	bu/ac	-----
REA Hybrids	1B821	VT2P	82	82.8	36.6	96.7	0.5	13.9	59.0	9.1	3.9	70.0	196.6	168.2	
REA Hybrids	2B851	VT2P	85	82.0	31.3	95.5	1.3	13.4	58.7	8.8	4.0	72.3	194.0	172.0	
REA Hybrids	2B862	VT2P	86	83.5	34.8	92.7	0.3	14.1	58.9	8.9	3.8	71.9	199.2	--	
REA Hybrids	2B863	VT2P	86	83.5	33.4	97.2	1.3	14.7	58.7	8.3	3.7	70.7	207.4	--	
REA Hybrids	3B903	SSTX	90	83.5	30.1	96.9	0.5	14.8	58.4	9.0	3.6	71.5	218.5	182.7	
Thunder Seeds	T6085 VT2P	VT2P	85	83.8	34.3	101.4	0.0	14.0	59.7	9.0	3.7	70.6	209.3	168.0	
Thunder Seeds	T6185 VT2P	VT2P	85	81.8	27.2	97.2	0.5	14.4	58.7	9.2	4.1	70.8	189.8	--	
Thunder Seeds	T6987 VT2P	VT2P	87	83.5	33.1	101.2	0.3	14.4	59.8	8.5	3.8	69.9	206.6	170.2	
Thunder Seeds	T6190 VT2P	VT2P	90	84.5	36.0	96.5	0.3	15.5	58.3	8.7	3.9	71.6	222.1	183.2	
Renk	RK297VT2P	VT2P	89	83.8	28.3	97.0	1.0	14.5	58.9	8.0	3.7	71.6	227.5	--	
Renk	RK300RR	RR2	90	85.0	41.9	102.8	0.5	16.1	59.8	9.2	4.2	69.3	245.6	--	
Renk	RK312VT2P	VT2P	90	83.8	24.5	99.4	0.5	16.2	59.0	8.4	3.7	70.5	242.4	--	
Proseed	1984 VT2P	VT2P	84	83.0	35.4	94.8	0.0	14.4	59.7	8.3	3.9	71.1	210.2	179.1	
Proseed	1185 RR2	RR2	85	83.8	23.6	100.6	0.0	15.4	58.3	8.8	3.8	71.2	121.0	--	
Proseed	1787 VT2P	VT2P	87	83.8	37.5	101.8	0.5	14.4	59.8	8.8	3.8	70.7	224.3	179.2	
Dairyland Seed	DS-2828AM	AM	88	82.5	31.9	98.4	1.3	15.3	59.1	8.7	3.8	70.3	215.4	--	
Dairyland Seed	DS-3022AM	AM	90	82.8	30.4	96.9	0.8	13.7	59.3	8.7	3.7	71.6	198.8	--	
Dairyland Seed	DS-3193AM	AM	91	82.8	29.5	99.6	1.3	15.4	58.5	9.1	3.6	71.3	220.9	181.7	
Dairyland Seed	DS-3366AM	AM	93	84.5	31.9	99.2	1.3	14.3	60.7	8.7	3.7	70.5	202.1	174.2	
Mean				83.6	31.5	99.3	0.6	14.9	59.1	8.7	3.8	71.0	209.0	--	
C.V. (%)				1.1	21.1	3.9	114.0	5.1	1.1	5.2	3.1	0.9	8.9	--	
LSD (0.05)				1.3	9.3	5.5	0.9	1.1	0.9	0.6	0.2	0.9	26.2	--	
LSD (0.10)				1.1	7.8	4.6	0.8	0.9	0.8	0.5	0.1	0.7	21.9	--	

**Planting Date = April 29; Harvest Date = November 2; Previous Crop = Field Pea**

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Brand	Hybrid	Trait Package	Maturity	Days to Silk	Ear Height	Plant Height	Lodge <sup>1</sup>	Harvest Moisture	Test Weight	Protein	Oil	Starch	--- Grain Yield ---		
													2021	2-yr. Avg.	
				Silk	In	In	0-9	%	lb/bu	%	%	%	-----	bu/ac	-----
Channel / Bayer	194-49DGVT2PRIB	DGVT2P	94	86.3	37.8	105.7	0.8	17.8	58.4	8.8	4.3	69.1	224.6	--	
Legacy Seeds	LC-2817	VT2P	86	83.8	28.3	107.9	0.0	15.0	60.0	8.7	3.8	70.3	218.0	179.6	
Legacy Seeds	LC-2918	VT2P	89	85.3	31.3	101.0	0.0	16.2	58.5	8.7	3.9	70.3	217.6	176.8	
Legacy Seeds	LC-3048	VT2P	90	83.8	28.3	98.8	0.5	15.1	58.6	8.5	3.9	71.6	208.6	185.1	
Legacy Seeds	LC431-20	VT2P	91	86.3	27.2	103.1	1.3	15.5	59.4	8.4	3.8	71.8	236.0	--	
Stine Seed	9140-G	GT	81	82.8	36.0	100.0	0.5	13.9	59.4	8.7	3.8	71.4	193.2	--	
Stine Seed	9101-G	GTA	83	84.5	26.0	90.6	1.5	13.8	59.4	8.7	3.8	72.1	179.4	--	
Stine Seed	9202-G	GTA	85	84.0	27.2	98.0	1.3	14.6	59.8	8.6	3.8	71.2	198.0	--	
Stine Seed	9202-11	3011A/LL	85	82.5	30.1	97.5	0.0	15.3	60.0	8.8	3.8	70.8	210.5	--	
Dyna-Gro	D21VC81	VT2P	81	82.3	24.8	103.9	0.5	14.0	59.5	9.0	3.8	70.2	204.5	167.6	
Dyna-Gro	D23VC83	VT2P	83	82.5	30.1	92.1	0.8	15.1	58.6	8.2	3.9	72.0	211.4	--	
Dyna-Gro	D26VC72	VT2P	86	83.0	29.5	101.9	0.0	14.6	59.1	8.4	4.0	71.3	202.9	163.9	
Dyna-Gro	D27VC87	VT2P	87	84.8	28.3	104.8	0.0	15.4	59.7	8.4	3.8	70.1	232.3	186.1	
Mean				83.6	31.5	99.3	0.6	14.9	59.1	8.7	3.8	71.0	209.0	--	
C.V. (%)				1.1	21.1	3.9	114.0	5.1	1.1	5.2	3.1	0.9	8.9	--	
LSD (0.05)				1.3	9.3	5.5	0.9	1.1	0.9	0.6	0.2	0.9	26.2	--	
LSD (0.10)				1.1	7.8	4.6	0.8	0.9	0.8	0.5	0.1	0.7	21.9	--	

**Planting Date = April 29; Harvest Date = November 2; Previous Crop = Field Pea**

<sup>1</sup>Lodging score: 0 = no lodging; 9 = plants lying flat