

Table 9. Central district, 2021 district and single-location means. Full-season test RM > 109.

Company	Hybrid	GMO Tech		District Means						
		Package	Herb	Yield Bu/A	Dist Yield	CW Yield	CE Yield	Moist %	Root Lodg (%)	Stalk Lodg (%)
DuraCrop	3143 VT2P	VT2P	RR2	248.6	1	248.2	244.5	17.2	0.8	0.2
Cornelius	C7366DGDP	DGVT2P-RIB	RR2	242.5	2	240.9	240.2	16.5	0.4	0.2
NuTech/G2 Genetics	70A8AM	AM	LL,RR2	240.3	3	239.4	245.2	16.4	0.3	0.2
DEKALB	DKC62-89TRERIB	TRC-RIB	RR2	239.8	4	237.2	234.8	16.3	1.2	0.2
NuTech/G2 Genetics	72B7Q	Qrome	LL,RR2	239.0	5	236.1	245.6	16.3	1.5	0.2
NuTech/G2 Genetics	74B6AM	AM	LL,RR2	236.6	6	234.9	234.1	17.2	1.6	0.5
NuTech/G2 Genetics	70F2Q	Qrome	LL,RR2	236.1	7	230.2	240.5	15.8	5.3	0.1
Cornelius	C7270DP	VT2P	RR2	235.6	8	229.8	235.7	16.0	0.6	0.1
Four Star	EXP 2202	VT2P-RIB	RR2	235.3	9	232.2	236.5	15.9	2.6	0.2
Hi Fidelity Genetics	HFG1111	None	None	234.6	10	229.4	229.0	15.4	0.3	0.9
NuTech/G2 Genetics	74F3AM	AM	LL,RR2	234.1	11	238.2	225.2	17.0	4.0	0.1
Cornelius	C7308SS	SSX	LL,RR2	233.7	12	225.0	229.5	17.0	1.8	0.2
DuraCrop	3135 VT2P	VT2P	RR2	233.3	13	229.0	228.4	15.5	2.0	0.2
Renk	RK826VT2P	VT2P	RR2	233.0	14	233.5	230.2	16.0	0.4	0.4
Prarie Hybrids	6878	None	None	231.7	15	225.4	233.6	16.7	2.8	0.4
Titan Pro	11-11	None	None	231.6	16	229.9	228.6	15.3	0.7	0.4
Renk	RK895DGVT2P	DGVT2P-RIB	RR2	231.2	17	227.5	233.7	16.8	2.7	0.1
NuTech/G2 Genetics	74A9AM	AM	LL,RR2	230.7	18	225.6	233.1	16.5	1.8	0.1
Hi Fidelity Genetics	EXP2118	None	None	229.8	19	235.8	222.4	16.4	3.4	0.5
Viking	58-11	None	None	229.6	20	229.3	229.8	15.3	1.0	0.3
Cornelius	C7125DP	VT2P	RR2	228.7	21	225.2	226.5	15.7	0.9	0.2
DenBesten	DB41-12-OR	None	None	228.0	22	224.2	226.3	15.7	1.3	0.1
DuraCrop	3124 DG2P	DGVT2P-RIB	RR2	227.8	23	221.3	231.5	16.1	1.0	0.3
Pioneer	P1082AM	AM	LL,RR2	225.9	24	222.0	226.9	16.3	0.8	0.2
DuraCrop	3119 GT3DXV	DURA	GT, LL	225.6	25	222.5	228.3	17.9	0.8	0.1
Pioneer	P1185Q	Qrome	LL,RR2	225.4	26	227.6	223.0	16.7	0.9	0.1
Renk	RK782VT2P	VT2P	RR2	225.3	27	221.5	221.6	15.4	2.7	0.3
Renk	RK765VT2P	VT2P	RR2	225.0	28	225.2	220.3	15.5	0.2	0.1
Renk	RK882TRE	VT2P	RR2	225.0	29	224.0	219.3	16.6	2.0	0.2
Hi Fidelity Genetics	HFG1132	None	None	224.7	30	220.3	219.8	16.7	4.1	0.3
Four Star	6D52	VT2P-RIB	RR2	224.6	31	221.0	225.2	15.5	1.6	0.6
Cappel	5320	None	Conv	224.5	32	223.6	220.1	15.4	0.8	1.1
Renk	RK821SSTX	SSX	RR2	223.9	33	220.5	224.6	16.1	1.3	0.7
NuTech/G2 Genetics	71F5Q	Qrome	LL,RR2	223.7	34	231.8	220.3	16.2	3.0	2.5
Titan Pro	12-12 2P	VT2P-RIB	LL,RR2	223.6	35	214.2	226.4	15.9	0.3	0.4
Prarie Hybrids	8904	None	None	221.4	36	223.1	223.3	17.5	1.7	0.2
Cappel	4920	None	Conv	220.7	37	224.4	219.7	16.0	1.1	0.0
Prarie Hybrids	8290	None	None	218.8	38	215.4	221.0	18.9	0.1	0.3
DuraCrop	3126 GT3	GT3K	GT, LL	213.4	39	214.3	209.0	18.1	3.0	0.3

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Company	Hybrid	GMO Tech		District Means						
		Package	Herb	Yield Bu/A	Dist Yield	CW Yield	CE Yield	Moist %	Root Lodg (%)	Stalk Lodg (%)
DuraCrop	3143 VT2P	VT2P	RR2	248.6	1	248.2	244.5	17.2	0.8	0.2
DenBesten	DB31-10	None	None	212.9	40	209.4	209.2	16.5	0.9	0.4
Experiment Mean				229.4		227.2	228.1	16.4	1.6	0.3
Minimum Mean				212.9		210.1	207.8	15.3	0.1	0.0
Maximum Mean				248.6		251.2	246.6	18.9	5.3	2.5
LSD(0.25)				6.1		7.6	8.5	0.3	1.8	0.6
Coefficient of Variability				4.7		4.8	4.7			

	Single Location Yield				
AGV \$	Missouri Valley	Glidden	Ames	Keystone	Clarence
1219.0	248.5	252.0	250.9	242.1	247.1
1196.0	240.3	249.2	242.8	233.3	249.2
1186.7	243.7	228.2	248.3	240.2	238.5
1185.6	244.4	244.8	228.8	239.1	239.5
1181.1	250.2	215.2	230.7	242.7	255.2
1161.0	240.6	240.1	227.2	236.7	240.2
1171.4	236.8	230.1	223.3	235.6	254.3
1167.5	237.3	231.3	224.6	234.5	249.8
1166.9	244.8	224.4	228.4	232.6	249.9
1168.5	242.6	234.7	212.6	242.3	240.1
1150.3	253.5	237.2	226.6	225.7	228.5
1148.7	234.4	245.1	204.4	238.8	251.8
1160.1	247.5	232.0	209.6	236.7	244.3
1154.5	240.6	235.4	220.3	234.6	234.4
1141.7	221.2	235.4	215.8	240.2	241.3
1154.5	234.7	231.0	223.2	232.5	236.6
1138.0	236.1	227.4	211.1	235.7	246.9
1138.3	240.4	217.7	216.5	241.7	233.2
1134.6	248.6	227.4	232.3	218.0	226.0
1143.9	237.4	228.9	216.2	234.9	229.2
1135.6	228.9	224.2	223.6	226.9	235.2
1132.1	238.7	226.8	206.3	232.1	238.9
1127.7	230.3	219.5	212.3	237.2	239.1
1116.5	231.5	222.0	212.6	238.9	224.6
1100.3	227.3	222.2	218.9	231.7	227.5
1110.5	234.2	223.5	218.0	225.5	224.1
1121.3	234.9	218.7	216.2	213.6	245.2
1119.6	233.8	226.2	217.8	225.6	221.8
1108.7	235.3	227.9	209.8	222.2	230.6
1106.9	231.1	229.7	206.6	228.2	230.0
1117.0	241.9	208.2	209.1	225.6	238.2
1117.9	234.6	226.1	207.2	230.4	225.3
1108.5	235.3	214.2	210.7	215.6	239.7
1106.1	244.9	223.8	214.9	194.0	240.4
1108.9	234.2	195.7	218.5	232.3	239.7
1083.0	222.7	219.3	221.9	212.1	225.1
1093.8	223.6	225.9	222.7	220.2	212.5
1057.2	225.4	206.7	213.9	222.9	224.1
1038.6	223.3	218.8	201.8	212.4	211.2

	Single Location Yield				
AGV \$	Missouri Valley	Glidden	Ames	Keystone	Clarence
1219.0	248.5	252.0	250.9	242.1	247.1
1050.6	223.0	208.5	197.7	216.6	217.4

1133	236.5	226.4	218.9	229.5	235.7
1039	221.2	195.7	197.7	194.0	211.2
1219	253.5	252.0	250.9	242.7	255.2
	6.6	11.8	10.9	10.1	8.5
	3.4	5.7	5.1	5.0	3.8