



2023 Regional Answer Plot Trial Summary

YIELD Greater than Plot mean
YIELD Greater than Mean of all Locations
Irrigated Location
Moisture below Mean
TW above Mean

CHT 80	CROPLAN			Dekalb				Brevant				NK		Pioneer		NEW	Plot Mean	LSD (.10)
	CP2180VT2P/RIB	CP2288VT2P/RIB	CP2315VT2P/RIB	DKC28-25RIB	DKC29-89RIB	DKC31-85RIB	DKC32-35RIB	B76C31AM	B78K17AM	B82J92AM	B83W32AM	NK8005-V	NK8232-AA	P7844AM	P7861AM	CP2324VT2P		
Cando-ND	184	171	171	168	177	179	191	172	186	184	187	179	183	177	175	194	179.3	7.2
GlenUllin-ND	198	188	189	168	177	189	199	176	192	187	202	197	204	197	175	202	189.5	6.4
Hannaford-ND	222	217	218	191	210	229	237	207	223	217	244	220	237	212	215	236	220.5	8.2
Harvey-ND	214	198	197	182	197	219	219	182	206	206	215	196	218	204	196	214	202.6	7.3
Hazelton-ND	215	205	209	190	203	218	228	185	217	205	217	208	218	202	195	228	208.0	7.6
Larimore-ND	207	206	215	192	198	218	232	199	225	223	230	225	201	216	207	244	214.3	9.2
Tappen-ND	180	164	160	164	178	183	189	154	163	171	173	169	170	149	160	192	170.9	9.0
Ulen-MN	242	235	237	222	230	254	259	226	249	233	261	235	237	239	226	264	240.2	7.1
Warren-MN	242	219	234	212	224	240	242	223	235	232	242	233	251	230	219	249	233.0	8.3
Washburn-ND	201	194	187	186	196	203	212	205	203	207	233	209	223	188	197	215	202.0	8.9
Overall Ave	210	200	202	187	199	213	221	193	210	206	220	207	214	201	196	224	206.0	
Overall % of Mean	102%	97%	98%	91%	97%	103%	107%	94%	102%	100%	107%	100%	104%	98%	95%	109%		
Yield/Moisture ratio	11.3	10.2	10.3	10.5	11.0	11.7	11.6	10.4	11.2	10.6	11.0	9.9	10.5	11.3	10.5	11.7	10.9	
East of Central ND	219	209	215	197	208	224	232	205	223	218	233	218	222	215	208	237	217.5	
West half of ND	207	196	195	181	194	207	215	187	204	201	216	202	216	198	191	215	201.2	
Yield Env <200 b/a	187	174	173	167	177	184	193	167	180	180	187	181	186	174	170	196	179.9	
Yield Env 200+	221	213	217	199	210	227	235	208	225	220	238	222	228	214	210	239	183.6	
Moisture Ave*	18.6	19.5	19.6	17.9	18.0	18.3	19.0	18.5	18.7	19.5	20.1	20.9	20.5	17.9	18.8	19.1	19.0	
Test Weight Ave	56.1	55.9	55.7	56.9	56.5	55.9	56.2	58.4	56.3	54.8	55.0	55.3	55.2	57.1	56.6	54.4	56.2	

Notes



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YIELD > Plot mean

YIELD Greater than Mean of all Locations

Moisture below Mean

Irrigated Location

TW above Mean

CHT 85	CROPLAN								Dekalb			Brevant			NK				Pioneer			NEW	Plot Mean	LSD (.10)
	CP2315VT2P/RIB	CP2585VT2P/RIB	CP2692D	CP2790VT2P/RIB	CP2845S5/RIB	CP2845VT2P/RIB	CP2851VT2P/RIB	CP2965VT2P/RIB	DKC35-34RIB	DKC35-88RIB	DKC36-48RIB	B83W32AM	B85K27AM	B87D33AM	NK8232-AA	NK8519-V	NK8558-AA	NK8618-AA	P8431AM	P8588AM	P8736AM	CP2585S5		
Britton-SD	215	238	236	263	242	257	231	274	239	221	253	243	251	260	238	256	255	236	219	229	270	250	242.9	10.2
Casselton-ND	205	225	201	224	199	214	202	223	213	197	213	218	216	230	207	215	215	203	194	204	225	199	210.2	12.0
Evansville-MN	209	194	248	221	229	214	204	204	237	206	216	205	221	218	200	213	220	203	194	192	214	233	214.1	12.9
GlenUllin-ND	183	198	204	219	197	199	201	211	198	191	205	208	225	207	208	214	215	208	179	209	212	189	205.5	11.4
Hannaford-ND	210	217	213	230	234	233	224	250	220	210	230	227	235	238	219	239	238	224	215	222	236	233	226.8	12.7
Harvey-ND	201	225	229	267	234	244	234	253	220	218	238	252	248	240	235	237	238	236	205	232	256	227	233.6	9.2
Hazleton-ND	203	221	226	266	235	243	231	265	218	222	231	218	251	238	219	234	239	240	195	223	240	221	231.2	9.1
Larimore-ND	203	229	216	240	237	236	242	242	228	212	234	235	244	246	190	228	234	214	212	221	251	225	227.6	13.2
Santiago-MN	231	255	282	284	258	263	276	291	240	233	278	264	288	280	258	271	271	265	244	253	282	261	265.4	14.9
Tappen-ND	163	182	176	199	208	212	189	214	182	176	202	182	180	187	171	185	186	194	168	180	207	194	187.2	10.2
Ulen-MN	235	260	259	274	253	252	260	267	252	244	260	266	267	267	230	240	266	257	232	247	281	253	253.1	9.7
Wahpeton-ND	200	216	223	252	228	233	224	243	228	202	244	223	237	241	218	214	217	214	202	212	245	229	224.4	11.2
Warren-MN	209	215	221	243	229	252	220	247	215	218	233	228	238	220	240	227	235	216	215	219	248	223	227.0	13.2
Washburn-ND	168	208	236	234	221	221	202	261	218	201	238	241	255	258	219	241	232	256	201	236	261	181	223.3	11.8
Overall Ave	203	220	226	244	229	234	224	246	222	211	234	229	240	238	218	230	233	226	205	220	245	223	226.1	
Overall % of Mean	90%	97%	100%	108%	101%	103%	99%	109%	98%	93%	103%	101%	106%	105%	96%	102%	103%	100%	91%	97%	108%	99%		
Yield/Moisture ratio	10.8	11.6	10.8	12.4	11.3	11.9	11.5	12.1	11.2	10.8	12.2	11.7	12.0	11.8	11.1	11.3	11.3	10.7	10.8	11.5	12.4	11.3	11.5	
ND Ave	193	213	214	237	222	226	217	240	214	203	226	223	232	232	210	223	224	221	197	215	237	211	218.5	
MN Ave	221	231	252	256	242	245	240	252	236	225	247	241	253	246	232	238	248	235	221	228	256	242	239.0	
North of I94	197	217	219	238	227	231	221	243	217	209	230	230	236	233	214	227	231	226	203	221	244	216	222.9	
South of I94	211	225	236	252	232	237	228	250	229	213	239	229	244	244	223	234	236	227	208	219	246	232	230.4	
West of 281	184	207	214	237	219	224	211	241	207	202	223	220	232	226	211	222	222	227	189	216	235	202	215.7	
East of 281	213	228	233	248	234	239	231	249	230	216	240	234	244	244	222	234	239	226	214	222	250	234	231.9	
Yield Env <220	190	200	207	216	208	210	199	213	207	193	209	203	210	211	197	207	209	202	184	196	214	204	203.4	
Yield Env 220+	208	229	235	254	237	243	234	260	229	218	245	238	252	250	226	239	243	236	215	229	257	231	236.6	
Moisture Ave	18.8	19.0	21.0	19.6	20.3	19.7	19.5	20.3	19.8	19.5	19.1	19.5	20.0	20.1	19.6	20.3	20.6	21.1	18.9	19.2	19.8	19.7	19.7	
Test Weight Ave	56.0	55.9	55.2	54.9	55.2	55.5	54.8	55.4	55.5	56.6	54.8	55.5	54.6	54.3	56.0	56.0	54.5	55.7	56.4	55.8	55.1	56.0	55.3	

Notes



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YIELD Greater than Plot mean

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Moisture below Mean

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TW above Mean

CHT 90	CROPLAN								Dekalb					Brevant					NK				Pioneer					NEW		Plot Mean	LSD (.10)	
	CP2845S/RIB	CP2845VT2P/RIB	CP2851VT2P/RIB	CP2965VT2P/RIB	CP3166VT2P/RIB	CP3314VT2P/RIB	CP3337VT2P/RIB	CP3490VT2P/RIB	DKC093-77RIB	DKC39-55RIB	DKC40-64RIB	DKC41-55RIB	DKC43-75RIB	B91K05AM	B91W35AM	B92D25AM	B92D25Q	B92W94AM	B93V26AM	NK9021-D	NK9044-AA	NK9175-DV	NK9231-AA	P8989AM	P9193AM	P9193Q	P9211AM	P9301AM	CP3143VT2P			CP3330VT2P
Belgrade-MN	213	219	231	212	236	238	225	262	249	243	222	243	259	238	279	239	232	246	258	230	247	222	256	242	267	262	254	254	253	254	241.8	11.4
Britton-SD	236	237	222	254	240	231	230	247	257	234	251	243	237	256	256	246	228	261	256	256	250	260	256	236	243	237	250	239	255	253	245.0	11.4
Casselton-ND	198	211	205	229	219	234	211	223	235	218	203	219	224	233	245	211	209	220	239	204	215	215	236	216	216	202	229	210	231	245	221.2	13.8
Evansville-MN	232	229	219	215	241	207	202	236	245	229	216	218	233	240	244	223	237	252	255	225	207	241	228	214	203	236	240	219	255	240	228.6	16.4
Hazelton-ND	237	242	258	267	251	251	252	259	257	249	226	247	265	253	276	245	248	263	269	271	257	245	269	256	254	253	237	265	281	261	255.1	11.9
Hitchcock-SD	178	143	181	163	169	179	166	188	184	175	159	168	186	167	144	167	166	178	176	147	163	156	181	148	152	149	157	151	165	178	167.5	11.9
Murdock-MN	271	267	272	294	266	297	275	286	294	276	279	280	288	268	314	282	263	277	297	289	302	285	301	267	292	274	284	289	300	298	284.0	15.0
Santiago-MN	242	264	238	281	254	247	252	305	277	266	262	261	281	306	300	275	233	256	277	265	282	277	321	241	269	270	267	301	288	284	272.0	18.3
Tappen-ND	210	209	193	217	199	207	186	203	195	195	199	190	215	188	220	197	177	220	210	209	193	180	190	172	178	184	203	183	217	195	199.3	12.5
Ulen-MN	247	257	258	277	251	277	255	262	271	258	268	272	268	264	279	277	245	285	289	256	271	271	273	265	263	259	264	290	279	280	268.1	11.3
Wahpeton-ND	221	220	226	240	235	235	225	240	242	230	228	238	227	235	253	224	224	244	242	261	246	264	229	239	230	226	230	233	240	224	234.6	13.9
Watertown-SD	152	169	178	181	185	178	181	175	192	173	179	167	175	198	190	184	179	193	199	173	183	156	184	181	188	195	187	174	176	193	179.3	15.5
Overall Ave	220	222	223	236	229	232	222	241	241	229	224	229	238	237	250	231	220	241	247	232	235	231	244	223	229	229	234	234	245	242	233.0	
Overall % of Mean	94%	95%	96%	101%	98%	99%	95%	103%	104%	98%	96%	98%	102%	102%	107%	99%	94%	103%	106%	100%	101%	99%	105%	96%	98%	98%	100%	100%	105%	104%		
Yield/Moisture ratio	11.7	12.3	12.4	12.6	12.3	11.8	11.6	11.6	12.1	12.1	11.3	12.2	12.6	12.4	13.2	11.9	11.7	12.6	12.7	12.0	12.1	11.1	12.3	11.7	11.9	12.3	12.4	11.8	12.4	12.4	12.1	
ND Ave	217	220	220	238	226	232	218	231	232	223	214	223	232	227	248	219	215	237	240	236	228	226	231	221	219	216	225	223	242	231	226.3	
SD Ave	189	183	194	199	198	196	192	203	211	194	196	193	200	207	197	199	191	210	210	192	199	191	207	188	194	194	198	188	199	208	196.8	
MN Ave	240	245	240	250	249	247	239	272	266	254	245	250	265	263	284	255	241	258	271	252	260	256	276	241	258	261	262	266	274	269	255.9	
Irrigated	222	230	221	236	230	230	221	257	240	235	228	231	252	244	266	237	214	241	248	234	241	226	256	218	238	239	242	246	252	244	236.5	
Dryland	219	219	224	235	229	232	222	235	242	227	223	228	234	235	245	229	222	241	247	231	233	233	240	225	227	226	231	230	242	241	230.7	
Yield Env <200	180	173	184	187	184	188	178	189	190	181	179	175	192	184	185	183	174	197	195	176	180	164	185	167	173	176	182	169	186	189	181.0	
Yield Env 200-250	220	223	221	230	234	229	219	242	246	231	224	232	236	240	255	229	226	245	250	235	233	240	241	229	232	233	241	231	247	243	233.7	
Yield Env <250	205	204	207	214	216	213	203	222	225	212	207	211	219	219	229	211	207	227	229	213	213	212	220	206	210	211	219	208	224	223	213.9	
Yield Env 250+	249	258	257	279	255	268	258	278	275	262	259	265	275	273	292	270	247	270	283	270	278	269	291	257	269	264	263	286	287	281	268.6	
Moisture Ave	18.7	18.0	18.1	18.7	18.6	19.6	19.1	20.8	19.9	18.9	19.9	18.8	18.9	19.1	19.0	19.5	18.8	19.1	19.5	19.4	19.3	20.7	19.8	19.0	19.3	18.5	18.8	19.8	19.7	19.5	19.1	
Test Weight Ave	56.7	56.7	56.1	56.3	55.2	55.0	55.6	54.8	55.9	56.0	56.5	56.9	56.3	56.2	55.7	55.5	55.8	55.7	55.1	56.2	57.0	56.2	54.7	55.8	57.6	57.8	55.5	58.0	55.2	55.4	56.0	



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Moisture below Mean

Irrigated Location

CHT 95	CROPLAN								Dekalb					Brevant						NK					Pioneer				NEW			Plot Mean	LSD (.10)	
	CP3399SS/RIB	CP3490VT2P/RIB	CP3575VT2P/RIB	CP3699RR	CP3724VT2P/RIB	CP3735SS/RIB	CP3735VT2P/RIB	CP3899VT2P/RIB	DKC096-21RIB	DKC44-98RIB	DKC45-74RIB	DKC47-27RIB	DKC47-84RIB	B94Z97Q	B95J39AM	B95R21AM	B96Y34AM	B97G09AM	B97K12Q	NK9175-DV	NK9231-AA	NK9535-V	NK9771-DV	NK9832-AA	P9492AM	P9540AM	P9624Q	P9772AM	CP3330VT2P	CP3519SS	CP3790VT2P			
Belgrade-MN	252	246	289	261	N/A	274	295	267	295	262	260	247	249	272	260	252	269	251	264	224	244	246	252	243	243	279	274	251	276	276	301	263.1	16.9	
Britton-SD	242	241	259	260	285	233	255	269	290	252	252	250	263	278	256	247	278	251	266	254	279	247	276	253	238	261	261	257	258	260	296	261.4	14.8	
Emmetsburg-IA	240	223	235	237	262	228	244	243	265	246	248	223	235	233	229	235	260	250	257	220	233	233	246	238	246	241	237	236	224	245	273	242.2	12.1	
Casselton-ND	219	231	221	232	223	224	223	229	237	208	201	212	212	224	230	222	202	208	229	223	234	215	227	208	222	232	234	238	N/A	247	239	224.3	16.2	
Evansville-MN	232	232	222	223	230	227	226	237	254	210	223	232	248	245	231	234	229	244	247	259	213	225	252	224	224	236	267	232	217	266	253	235.1	16.4	
Hitchcock-SD	N/A	188	177	167	190	155	153	166	164	172	183	171	172	172	159	162	163	181	167	172	181	172	171	170	154	178	171	182	180	195	188	172.5	14.3	
LakeVermillion-SD	125	131	129	139	151	144	148	148	145	129	142	130	141	161	155	144	127	159	143	147	145	150	126	133	153	150	166	144	155	138	147	143.8	15.3	
LeSueur-MN	142	155	141	131	172	153	148	157	160	146	174	161	159	133	166	138	137	163	151	159	161	156	154	148	190	173	144	139	171	168	151	154.8	17.6	
Minneota-MN	247	237	253	232	257	238	243	248	269	230	258	244	236	245	235	242	248	233	259	226	240	215	243	216	248	249	241	230	243	248	280	244.5	15.9	
Murdock-MN	286	265	291	295	320	290	308	300	326	284	308	282	289	295	291	293	316	299	310	286	306	288	304	290	279	307	290	297	286	306	313	297.6	13.4	
Santiago-MN	229	227	230	219	249	241	225	261	242	241	222	228	214	225	240	254	247	203	253	217	247	217	231	235	234	249	261	251	233	260	261	237.1	17.2	
Truman-MN	249	250	257	263	281	253	257	271	253	233	257	244	241	254	246	244	251	259	255	255	259	251	247	250	248	257	249	257	256	275	285	255.7	14.8	
Wabasso-MN	207	209	217	206	220	207	200	219	212	208	211	201	206	222	221	214	221	221	211	213	208	203	212	203	213	219	226	209	223	224	230	213.7	11.8	
Wahpeton-ND	242	235	243	239	263	228	240	249	254	244	242	236	223	257	240	233	247	233	258	262	223	228	252	235	226	250	240	245	247	251	265	242.3	13.1	
Wanamingo-MN	275	269	295	295	294	284	299	303	296	276	279	261	282	274	290	274	274	286	292	266	289	261	272	265	259	298	278	287	267	295	333	284.3	12.8	
Watertown-SD	171	188	174	172	184	172	159	189	172	167	177	178	152	166	186	184	187	169	171	173	170	173	167	175	183	194	182	163	176	178	182	174.4	13.7	
Worthington-MN	266	241	251	258	266	270	269	261	265	266	257	252	254	232	251	245	241	246	263	240	242	256	253	256	247	250	244	244	267	250	290	255.2	11.4	
Overall Ave	225	220	225	223	240	222	225	234	238	220	227	219	220	226	227	223	221	225	233	223	227	218	227	219	247	234	231	226		237	249	227.5		
Overall % of Mean	99%	97%	99%	98%	106%	97%	99%	103%	104%	96%	100%	96%	97%	99%	100%	98%	100%	99%	103%	98%	100%	96%	100%	96%	103%	101%	99%	100%	104%	109%				
Yield/Moisture ratio	11.9	11.6	12.4	11.7	12.2	11.4	11.5	12.0	12.6	11.5	12.2	11.7	11.9	12.0	12.5	11.8	11.8	11.8	11.7	12.7	10.8	11.6	11.0	12.4	13.0	12.4	11.7	12.7	12.4	12.1	12.0			
ND Ave	231	233	232	236	243	226	231	239	246	226	222	224	218	241	235	227	224	221	244	242	229	221	239	221	224	241	237	242		244	252	233.3		
SD Ave	179	187	185	184	202	176	179	193	193	180	188	182	182	194	189	184	189	190	187	186	194	186	185	183	182	196	195	187	192	193	203	188.1		
MN Ave	237	232	240	236	254	240	242	251	253	233	243	234	237	236	241	237	240	239	249	236	240	230	241	232	238	249	244	238	240	255	266	242.0		
Irrigated Ave	241	237	259	240		257	260	264	269	252	241	237	231	248	250	253	258	227	258	220	246	231	242	239	238	264	267	251	255	268	281	250.0		
Yield Env <200	146	166	155	152	174	156	152	165	160	154	169	160	156	158	166	157	154	168	158	163	164	163	154	157	170	174	166	157	171	170	167	161.2		
Yield Env 200-250	231	227	231	227	243	228	229	241	248	227	229	225	225	236	232	233	236	227	245	231	228	219	238	223	230	239	244	235		247	257	232.0		
Yield Env 250+	263	253	271	274	289	266	278	281	286	262	270	258	266	266	267	260	272	268	277	260	275	261	270	263	254	275	265	268	267	277	303	270.9		
Moisture Ave*	18.8	19.0	18.1	19.0	19.7	19.5	19.5	19.5	18.9	19.1	18.6	18.7	18.6	18.8	18.2	18.8	19.3	19.0	19.72	19.1	17.8	20.2	19.6	19.9	17.9	18.1	18.7	19.3	18.0	19.1	20.6	19.0		
Test Weight Ave*	56.8	56.2	57.7	56.8	55.8	57.4	57.7	55.7	56.38	56.4	56.4	57.9	55.5	55.3	56.2	56.2	56.6	54.3	57.35	57.2	56.0	57.4	56.6	57.3	56.5	55.1	56.4	55.8	56.6	57.2	55.3	56.4		

Notes Belgrade not included in some overall summaries so 3724 could be included in overall totals. Mechanical issues caused variability in 3724 data so had to be thrown out at Belgrade
Planter error resulted in no data on 3330 at Casselton location



Answer Plot
By WINFIELD UNITED
YIELD REPORT 2023

2023 Regional Answer Plot Trial Summary

YIELD Greater than Plot mean
Irrigated Location

YIELD > Mean of all Locations

Moisture below Mean

TW above Mean

CHT 100	CROPLAN										DeKalb					Brevant						NK					Pioneer		NEW			Plot Mean	LSD (.10)	
	CP37155SPRO/RIB	CP3724VT2P/RIB	CP3852TRE/RIB	CP3899VT2P/RIB	CP3980VT2P/RIB	CP4079VT2P/RIB	CP4188SS/RIB	CP4188VT2P/RIB	CP4265VT2P/RIB	CP4444VT2P/RIB	DKC099-11RIB	DKC101-35RIB	DKC103-47RIB	DKC49-24RIB	DKC52-99RIB	B00M18Q	B01V22AM	B01Z88AM	B03H35AM	B98Z37AM	B99A24AM	NK0007-AA	NK0243-D	NK0295-AA	NK0367-AA	NK9771-DV	NK9832-AA	P0075Q	P9955AM	CP3790VT2P	CP4246SS			CP4024SSPro
Belgrade-MN	284	255	267	293	285	254	276	275	285	282	270	308	268	255	293	272	282	281	301	249	278	258	239	257	239	243	243	285	285	287	255	257	272.4	14.6
Britton-SD	248	261	231	255	256	239	249	245	258	238	265	268	256	239	249	248	261	268	263	249	243	255	256	237	241	251	237	260	275	260	267	246	252.2	14.1
Emmetsburg-IA	233	240	252	223	267	230	240	242	238	255	249	264	264	238	250	237	261	233	255	239	243	237	276	232	259	244	234	269	257	230	252	246	245.0	16.1
LakeVermillion-SD	173	154	138	156	146	141	146	145	156	141	138	147	129	149	150	164	137	127	155	170	160	144	158	149	169	123	133	124	162	147	150	150	146.6	17.3
LeSueur-MN	196	159	182	172	178	161	162	160	174	191	166	183	183	160	181	174	172	149	178	168	194	165	152	173	154	182	179	148	161	187	167	169	171.9	14.8
Minneota-MN	236	249	252	248	241	238	260	245	244	242	252	265	246	259	266	253	259	258	262	269	261	248	251	214	239	247	239	258	261	255	251	250	249.8	11.8
Murdock-MN	296	313	311	284	327	293	285	307	294	310	306	331	301	299	328	291	312	301	314	304	305	289	313	285	311	294	306	321	312	299	309	303	305.6	13.2
Sheldon-IA	218	255	255	251	272	242	248	244	245	275	235	265	258	250	283	261	272	243	256	264	269	220	238	228	257	239	207	269	272	270	246	242	250.6	14.3
Truman-MN	277	275	279	281	277	256	257	264	260	261	268	284	273	270	281	250	245	269	270	266	262	250	279	258	279	250	253	271	270	285	261	261	267.5	13.4
Vincent-IA	251	249	262	233	242	234	256	227	236	258	240	263	248	247	257	252	260	247	257	248	243	231	238	238	262	248	227	251	268	251	213	247	247.4	10.7
Wabasso-MN	221	220	222	227	225	219	227	218	215	231	225	241	236	230	236	231	244	234	257	208	229	224	222	210	222	212	210	244	241	232	233	236	227.6	12.4
Wanamingo-MN	284	277	291	294	300	285	291	277	275	321	294	319	303	289	303	290	294	273	296	290	285	274	287	268	295	282	256	296	313	304	259	275	288.9	15.5
Watertown-SD	176	166	177	170	180	165	177	178	167	168	174	199	189	166	178	188	172	165	166	174	188	164	183	125	143	139	165	187	176	171	170	161	170.8	12.4
Worthington-MN	279	280	272	276	269	249	257	264	263	274	281	285	278	269	275	253	273	257	271	260	270	242	259	259	263	263	255	257	281	282	271	270	268.5	12.3
Overall Ave	241	240	242	240	247	229	238	235	236	246	240	259	245	237	252	240	246	236	250	240	245	229	239	224	238	230	224	246	252	247	236	237	241.4	
Overall % of Mean	100%	99%	100%	99%	102%	95%	99%	97%	98%	102%	99%	107%	102%	98%	104%	99%	102%	98%	104%	99%	101%	95%	99%	93%	99%	95%	93%	102%	104%	102%	98%	98%		
Yield/Moisture ratio	13.6	13.0	13.2	13.2	13.7	12.4	12.9	12.7	12.4	12.9	13.1	14.3	11.7	12.7	13.7	12.9	12.6	12.5	12.7	12.7	12.7	11.8	12.5	11.3	11.8	12.3	12.0	12.4	13.1	12.8	12.3	12.5	12.7	
MN Ave	259	254	260	259	263	244	252	251	251	264	257	277	261	254	270	252	260	253	268	252	260	244	250	240	250	247	243	260	265	266	251	253	256.0	
SD Ave	199	193	182	194	194	181	191	189	194	182	193	205	191	185	192	200	190	187	195	198	197	188	199	170	184	171	178	191	204	193	196	186	189.9	
Yield Env <200	181	160	166	166	168	156	161	161	166	167	159	176	167	158	170	175	160	147	166	171	181	158	164	149	155	148	159	153	166	168	162	160	162.7	
Yield Env >240	261	265	267	264	274	252	262	259	260	271	266	285	270	261	278	261	272	263	274	264	266	250	264	247	264	256	246	274	279	272	258	260	264.0	
Moisture Ave	17.7	18.5	18.3	18.2	18.0	18.4	18.5	18.5	19.0	19.0	18.3	18.1	20.9	18.7	18.4	18.6	19.6	18.9	19.7	18.9	19.3	19.3	19.2	19.7	20.1	18.8	18.7	19.8	19.3	19.3	19.1	18.9	18.9	
Test Weight Ave	56.7	56.4	56.0	56.2	56.6	56.3	55.7	56.0	55.9	56.1	56.2	55.2	56.7	57.0	55.8	56.2	53.9	55.8	57.2	56.7	57.0	56.7	54.8	56.1	56.1	57.1	57.8	55.8	57.6	55.8	57.3	55.7	56.3	

Notes Pukwana and Hitchcock data was lost due to high variability and data not meeting our standards



Answer Plot
By WINFIELD UNITED
YIELD REPORT 2023

2023 Regional Answer Plot Trial Summary

YIELD > Plot mean

YIELD Greater than Mean of all Locations

Moisture below Mean

Irrigated Location

TW above Mean

CHT 105	CROPLAN					Dekalb			Brevant						NK					Pioneer			NEW		Plot Mean	LSD (.10)	
	CP4444VT2P/RIB	CP4516TRE/RIB	CP4652SSPRO/RIB	CP4676SS/RIB	CP4757VT2P/RIB	DKC105-35RIB	DKC56-26RIB	DKC59-82RIB	B04R11Q	B05C33Q	B05K32AM	B06V25AM	B06Y18Q	B07H01AM	B08R32AM	NK0367-AA	NK0748-D	NK0798-DV	NK0877-V	NK0922-V	P0339Q	P0404Q	P0688AM	CP4770SS			CP4840TRE
David City- NE	184	240	220	182	199	224	237	214	229	191	200	211	211	189	217	201	199	219	226	214	203	212	207	233	200	209.9	16.6
Emmetsburg-IA	255	250	260	259	263	262	259	279	274	256	243	248	259	278	260	265	232	256	227	262	235	239	261	282	265	256.4	13.4
Greeley-NE	260	279	279	284	279	288	281	297	279	284	268	261	256	298	304	261	255	258	262	267	251	253	265	278	295	274.1	11.8
LakeVermillion-SD	163	195	182	182	178	184	163	186	166	174	132	175	170	157	195	176	166	171	170	151	185	178	155	184	156	170.2	18.5
LeSueur-MN	222	210	217	189	219	231	233	211	218	171	217	212	210	208	221	215	174	181	201	209	186	200	193	218	221	205.5	15.8
Minneota-MN	245	259	242	256	260	265	253	253	242	253	260	235	246	248	267	239	233	228	238	236	236	254	241	266	248	246.7	14.9
Norfolk-NE	274	287	294	279	267	295	251	293	290	292	280	275	285	312	299	261	266	239	259	275	288	255	267	308	281	281.2	14.0
Sheldon-IA	245	260	247	246	261	244	226	274	239	266	251	240	242	258	256	230	234	237	253	240	244	252	235	250	258	248.6	16.3
Truman-MN	268	267	279	276	287	280	298	277	269	269	279	279	266	293	292	266	264	260	275	281	253	266	270	313	302	277.1	14.6
Vincent-IA	262	265	251	248	270	255	282	269	248	255	246	239	236	272	267	251	236	232	246	248	218	237	233	272	257	251.0	12.9
Wabasso-MN	227	243	240	242	247	230	244	236	248	223	239	N/A	247	245	263	216	220	222	225	225	229	249	247	251	233	233.5	14.1
Wanamingo-MN	282	289	293	292	285	297	299	309	281	283	294	285	267	292	302	269	264	N/A	274	279	261	287	265	314	292	287.7	16.5
Overall Ave	241	254	250	245	251	254	252	258	249	243	242	242	241	254	262	238	229		238	241	232	240	236	264	250	245.5	
Overall % of Mean	98%	103%	102%	100%	102%	104%	103%	105%	101%	99%	99%	98%	98%	104%	107%	97%	93%		97%	98%	95%	98%	96%	108%	102%		
Yield/Moisture ratio	14.2	14.0	13.6	12.8	13.4	14.3	13.3	13.2	13.3	12.7	13.0	12.9	12.5	12.3	13.4	13.3	11.6		11.5	11.8	12.7	13.1	12.4	14.1	12.2	13.0	
Yield Env <210	190	215	207	184	199	213	211	204	205	179	183	199	197	185	211	197	180	190	199	191	191	197	185	212	192	195.4	
Yield Env >240	261	269	268	268	271	273	269	282	265	270	265	258	257	281	281	255	248		254	261	248	255	254	286	275	266.3	
Moisture Ave	17.0	18.2	18.4	19.1	18.8	17.8	19.0	19.6	18.6	19.2	18.6	18.7	19.3	20.7	19.6	17.9	19.6	18.9	20.7	20.4	18.3	18.4	19.0	18.7	20.5	18.8	
Test Weight Ave	56.6	55.5	55.9	56.7	57.1	56.3	55.4	54.7	56.5	56.8	56.1	56.2	56.8	55.4	55.5	57.0	54.0	55.1	53.2	54.5	57.1	57.0	56.6	55.3	55.8	56.0	

Notes Pukwana and Worthington data was lost due to high variability and data not meeting our standards



CORN

Answer Plot
By WINFIELD UNITED
YIELD REPORT 2023

2023 Regional Answer Plot Summary

YIELD Greater than Plot mean

YIELD > Mean of all Locations

Moisture below Mean

Irrigated Location

TW above Mean

CHT 110	CROPLAN									Dekalb				Brevant					NK				Pioneer		NEW			Plot Mean	LSD (.10)
	CP4880SS/RIB	CP4930DGV2P/RIB	CP5073SS/RIB	CP5073VT2P/RIB	CP5115SS/RIB	CP5115VT2P/RIB	CP5208VT2P/RIB	CP5210SS/RIB	CP5244VT2P/RIB	DKC108-64RIB	DKC111-35RIB	DKC113-83RIB	DKC62-89RIB	B10A20AM	B10H24AM	B10Y21Q	B11C37AM	B12C01Q	NK0922-V	NK1040-AA	NK1188-D	NK1333-AA	P0924Q	P0953AM	CP4840TRE	CP5132SS	CP4917SSPro		
David City- NE	194	196	191	209	228	224	184	186	206	243	186	224	227	208	206	225	202	203	203	201	171	208	202	237	203	231	226	206.0	17.1
Greeley-NE	287	303	286	285	282	275	293	276	282	302	303	309	276	293	303	304	293	288	248	280	272	283	286	307	291	295	297	288.8	14.3
Norfolk-NE	288	302	317	263	265	257	310	296	284	312	304	288	304	305	310	310	283	313	287	273	274	267	307	296	326	266	318	295.0	16.4
Sheldon-IA	263	237	238	233	232	223	261	199	228	238	251	271	260	232	255	232	276	249	233	240	263	270	229	238	225	239	237	243.3	19.1
Vincent-IA	255	260	259	266	257	264	279	258	244	251	272	277	241	268	271	267	286	252	236	267	273	250	263	266	263	251	262	261.7	13.4
Overall Ave	257	260	258	251	253	249	266	243	249	269	263	274	262	261	269	267	268	261	242	252	251	256	257	269	262	257	268	259.1	
Overall % of Mean	99%	100%	100%	97%	98%	96%	103%	94%	96%	104%	102%	106%	101%	101%	104%	103%	103%	101%	93%	97%	97%	99%	99%	104%	101%	99%	104%		
Yield/Moisture ratio	13.8	14.6	14.8	13.4	13.2	12.9	13.6	12.7	13.8	15.3	13.5	14.1	13.8	14.5	14.7	14.8	14.4	13.6	13.2	14.0	12.8	13.3	14.0	15.3	15.3	13.8	15.7	14.1	
Yield Env >240 bu	273	275	275	262	259	255	286	257	259	276	283	286	270	274	285	278	284	275	251	265	271	267	271	277	276	263	279	272	
Moisture Ave	18.6	17.7	17.5	18.8	19.1	19.3	19.5	19.1	18.0	17.7	19.5	19.4	18.9	18.0	18.3	18.0	18.5	19.2	18.3	18.0	19.5	19.2	18.4	17.6	17.1	18.6	17.1	18.5	
Test Weight Ave	57.4	57.0	55.5	55.7	58.2	57.8	57.6	56.6	55.5	56.5	59.2	57.4	56.9	57.7	57.4	56.8	58.7	57.9	55.7	54.8	56.9	55.8	58.6	57.2	56.7	56.6	55.8	57.0	

Notes Pukwana data was lost due to high variability and data not meeting our standards