

Table 5. Central Clay Loams, High Population.



Table 5A. Central Clay Loams, High Population, 1998-2000 Average of 7 Experiments

Brand-hybrid	Yield est(1)	Test wt.	Water			Stand
			at harv.	Lodg-ing	%	
	bu/A	lb/bu	%	%	%	
Pioneer 33G26	200 *	55.4	20.4	3	94	
Pioneer 33A14	195 *	55.6	20.3	2	92	
Beck 6580	195 *	54.8	22.6	6	89	
AgriGold A6590	195 *	52.6	20.9	7	92	
Beck 6205	191 *	52.6	20.6	7	93	
Pioneer 33Y18	189 *	56.7	19.7	4	93	
Pfister 2550	188	56.0	20.5	11	93	
Garst 8464	187	53.8	20.5	2	92	
Specialty 3985	186	53.8	20.3	8	93	
Colbert 260	186	52.7	20.8	11	95	
Dairyland Stealth 1416	183	52.6	19.4	6	91	
Davis 4232	182	53.8	19.0	3	92	
AgriPro AP9597	181	56.0	20.5	7	91	
Beck 5405	181	52.6	18.9	9	92	
Trisler T-5246	180	53.1	19.1	6	91	
Bio Gene BG309	179	53.6	19.2	4	90	
Bio Gene BG307	175	52.9	19.2	3	92	
Grand mean	187	54.0	20.1	6	92	
LSD (10%)	12	1.3	0.7	6	3	

Randomized complete block design: 3 replications. Yield averages followed by * are not significantly different from the highest Yield average in this table. (Copyright 2000 Purdue Research Foundation)

Table 5B. Central Clay Loams, High Population, 1999-2000 Average of 5 Experiments

Brand-hybrid	Yield est(1)	Test wt.	Water			Stand
			at harv.	Lodg-ing	%	
	bu/A	lb/bu	%	%	%	
Pioneer 33P67	213 *	55.9	23.0	0	93	
Pioneer 33J56	211 *	55.0	22.5	3	95	
Pioneer 33G26	199 *	54.1	21.7	2	96	
Pioneer 33J24	196	56.3	22.2	3	93	
Garst 8362	196	54.0	22.4	1	91	
AgriGold A6490	194	55.1	21.9	4	93	
Pioneer 33Y18	193	56.0	20.7	2	96	
Beck 5283Bt	193	51.6	19.7	0	95	
Beck 6580	192	53.8	24.1	3	88	
Trisler T-5247	190	54.5	21.7	3	91	
Pioneer 33A14	189	54.4	21.9	2	91	
DEKALB DK647BtY	189	51.4	22.1	4	93	
Pioneer 33G27	188	55.2	22.6	1	93	
Golden Harvest H-9229	188	54.7	21.7	4	90	
AgriGold A6590	187	51.7	22.3	2	92	
Pfister 2550	186	54.5	21.5	6	95	
Pioneer 34B23	185	56.4	20.4	2	91	
Beck 6205	183	51.9	22.2	3	93	
Garst 8464	182	52.4	22.1	1	92	
Specialty 3985	181	52.7	21.7	2	92	
AgriPro AP9597	177	55.0	21.9	6	92	
Bio Gene BG312	177	51.7	22.1	5	92	
Seed Consultants SC1087	174	53.1	20.5	1	91	
Beck 5405Bt	174	52.2	20.8	3	91	
Dairyland Stealth 1416	174	51.5	20.8	2	90	
Colbert 260	174	51.4	22.0	6	94	
Golden Harvest H-9345	173	55.0	21.8	2	94	
Beck 5405	172	51.2	20.3	3	93	
Davis 4232	171	53.0	20.5	2	93	
AgriGold A6469Bt	171	52.6	21.5	3	91	
Pioneer 34F80	169	54.2	20.9	2	90	
LG Seeds LG2579	169	52.1	20.6	2	91	
Bio Gene BG309	167	52.8	21.0	3	89	
Trisler T-5246	167	51.9	20.4	3	91	
Bio Gene BG307	162	51.3	20.7	2	91	
Grand mean	183	53.4	21.5	3	92	
LSD (10%)	15	1.6	0.8	3	4	

Randomized complete block design: 3 replications. Yield averages followed by * are not significantly different from the highest Yield average in this table. (Copyright 2000 Purdue Research Foundation)

Table 5C Central Clay Loams, High Population 2000 Averages

Brand-hybrid	Yield	Test	Water	Lodg-	Stand
	est(1)	wt.	at harv.	ing	
	bu/A	lb/bu	%	%	%
Pioneer 33J56	216 *	54.5	22.8	4	97
Pioneer 33P67	213 *	55.9	23.3	1	93
Bio Gene BGL1091	209 *	53.8	22.2	4	95
Pfister 2656	205 *	52.6	20.8	3	93
Pioneer 31G98	203 *	54.8	23.3	3	92
AgriGold A6490	203 *	53.8	22.3	4	94
Pioneer 33G26	203 *	53.2	22.0	2	97
Garst 8362	202 *	53.3	22.8	2	93
Dairyland Stealth 1515	201 *	54.6	22.1	2	92
DEKALB DKC61-24	201 *	53.1	20.5	2	92
LG Seeds LG2587	200 *	54.0	22.1	4	97
Battleground 3203	199 *	51.2	20.2	1	96
Pioneer 33Y18	197	54.7	20.7	3	98
Corn Belt C629	197	53.6	23.0	1	94
Trisler T-5247	196	53.7	21.9	1	92
Seed Consultants Exp110	196	52.3	22.3	2	94
Campbell 6670	196	52.2	21.6	9	91
Bio Gene BGL1080	196	52.0	20.5	1	94
Seed Consultants Exp109	196	51.4	21.1	3	85
iCorn.com i111.E3	195	52.5	23.0	0	94
LG Seeds LG2585	193	51.6	21.3	3	93
Pioneer 33J24	192	55.7	22.6	4	94
Beck 5283Bt	192	51.2	20.3	1	95
Pfister 2550	191	54.8	21.9	4	96
Golden Harvest H-9229	191	53.8	22.3	2	89
AgriPro AP9466	191	51.7	20.9	1	90
Pioneer 33G27	190	54.5	23.0	1	94
Beck 5322	190	49.9	21.5	3	91
Beck 6580	189	54.1	24.7	2	86
Gutwein 2515	189	52.7	21.2	1	98
Crows C4908	187	50.6	21.4	3	89
DEKALB DK647BtY	187	50.4	22.7	4	91
Trisler T-5255	186	52.0	21.7	4	94
Battleground 3293	185	52.1	20.7	2	91
Trisler T-5322	185	52.1	23.1	1	93
AgriGold A6590	183	50.8	22.7	2	93
Corn Belt C611	183	50.5	22.6	3	94
Vigoro V5300	183	50.3	21.9	1	86
PRIME Farm Seeds 7250	182	51.7	22.2	1	90
iCorn.com i106.A4	182	51.4	21.3	1	92
Novartis N70-D5	181	54.0	22.2	1	93
Pioneer 34G13	181	53.2	21.2	1	96
Seed ConsultantsSC10B99	181	51.0	21.9	2	93
Beck 5422	180	51.8	22.4	7	95
Vigoro V4910	180	50.6	20.8	1	91
Pioneer 34B23	179	56.4	20.4	3	88
AgriPro AP9597	179	54.8	22.1	5	92
Garst 8464	179	51.1	22.2	1	93
Beck 5622	179	50.5	22.4	4	91
Pioneer 33A14	178	54.4	22.3	2	87
AgriGold A6598CL	178	54.3	23.1	1	96
Campbell 7320	178	53.0	23.3	3	97
ASGROW RX708	178	52.4	20.5	3	92
Seed Consultants SC1080	178	50.2	21.5	1	86
Bio Gene BG312	176	51.4	22.4	6	95
Garst N7427 IT	175	52.7	23.0	3	90
Trisler T-5246Bt	175	52.4	22.0	2	92
AgriGold A6675	175	51.7	23.4	5	88
LG Seeds LG2606	174	49.9	22.6	2	93
Pfister 2750	172	52.1	22.1	2	93
Golden Harvest Ex98712	172	51.5	22.2	7	87
Specialty 3985	172	51.3	22.0	0	92
DEKALB DKC58-52	172	51.0	19.8	2	86
Novartis N58-D1	171	51.7	20.3	1	96
Bio Gene BGL1070	170	54.8	19.9	2	84
Trisler T-5313	170	54.7	24.3	2	83
Golden Harvest H-9345	169	55.4	22.0	2	95
LG Seeds LG2677	169	53.3	23.6	5	90
Stine 9614Bt	169	52.7	22.5	3	92
AgriGold A6540	169	50.9	22.8	2	93
Specialty 4544Bt	168	51.8	22.4	2	95
Bio Gene BGL1100	168	51.2	22.0	2	84
Beck 6205	168	51.2	22.4	3	93
Vigoro V53Y91	167	50.6	22.5	2	91
AgriGold A6545	167	50.3	21.9	2	91

Table 5C. Continued.

Brand-hybrid	Yield	Test	Water	Lodg-	Stand
	est(1)	wt.	at harv.	ing	
	bu/A	lb/bu	%	%	%
Trisler T-5298	166	52.5	22.9	2	91
PRIME Farm Seeds 6875	166	51.1	21.1	6	92
Trisler T-5249	165	55.1	22.2	3	87
Seed Consultants SC1087	165	51.9	20.7	1	92
Bio Gene Bt311	165	50.2	22.3	3	91
LG Seeds LG2579	164	51.6	21.2	1	90
ASGROW RX730YG	164	50.1	22.4	8	94
Davis 4232	163	52.9	21.1	2	94
Colbert 260	163	49.8	22.3	6	96
AgriPro AP9565	162	51.0	21.5	2	91
AgriGold A6469Bt	161	51.0	21.9	4	91
iCorn.com i108.G9	160	51.4	20.7	1	89
iCorn.com Ex1060	160	51.2	21.3	1	93
Dairyland Stealth 1416	160	50.1	20.8	3	90
Trisler T-5252	159	52.0	21.7	3	85
LG Seeds C7761Bt	159	51.7	22.6	2	85
Trisler T-5282Bt	159	50.4	21.0	5	90
Beck Ex2022	159	50.3	21.2	6	87
Beck 5405	159	49.7	20.4	2	95
Bio Gene BG309	157	51.2	21.8	3	91
Beck 5405Bt	156	50.6	20.8	4	94
Trisler T-5246	155	50.8	20.9	4	90
iCorn.com Ex1116	154	51.7	22.0	5	87
Bio Gene BG307	154	50.4	21.5	1	94
Campbell 7100	154	50.4	20.8	4	88
Pioneer 34F80	153	52.4	21.0	2	88
Pfister 3350	147	52.8	23.3	6	71
Campbell 7200	142	52.1	21.9	2	78
Grand mean	178	52.2	21.9	3	91
LSD (10%)	18	2.1	1.0	4	6

Randomized complete block design: 3 replications.
Yield averages followed by * are not significantly different from the highest Yield average in this table.
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