

Table 4. Central Clay Loams, Regular Population.

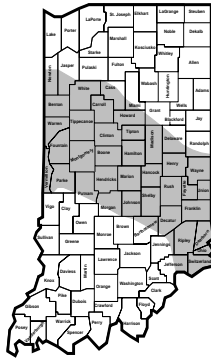


Table 4A. Central Clay Loams, Regular Population, 1998-2000 Average of 7 Experiments

Brand-hybrid	Yield est(1)	Test wt.	Water at harv.	Lodg-ing	Stand
	bu/A	lb/bu	%	%	%
AgriGold A6590	187 *	52.4	20.3	8	98
Colbert 260	187 *	52.2	19.9	9	96
Pioneer 33A14	184 *	54.2	20.0	1	96
Beck 5405	180 *	52.3	18.6	6	94
Dairyland Stealth 1416	179 *	52.9	18.9	6	96
Specialty 3985	178	53.9	20.3	4	98
Garst 8464	178	53.0	19.9	1	91
Campbell 6995	178	53.0	19.0	3	96
Crows 496	175	52.8	19.1	8	94
LG Seeds LG2579	175	52.3	18.9	4	94
Diener DB1050	174	53.8	18.9	3	94
Battleground 3340	174	51.8	18.9	6	94
AgriPro AP9565	170	53.5	19.0	3	94
Specialty 3557	169	53.1	18.8	4	94
Grand mean	178	52.9	19.3	5	95
LSD (10%)	9	1.2	0.6	4	3

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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Table 4B Central Clay Loams, Regular Population, 1999- 2000 Average of 5 Experiments

Brand-hybrid	Yield est(1)	Test wt.	Water at harv.	Lodg-ing	Stand
	bu/A	lb/bu	%	%	%
Pioneer 33P67	207 *	55.9	23.3	1	95
Pioneer 33J56	204 *	54.2	21.9	3	98
Pioneer 33G27	191	55.9	22.7	1	98
Pioneer 33J24	190	55.3	22.1	2	95
Pioneer 34B23	189	54.6	20.8	2	96
DEKALB DK647BtY	189	52.5	23.0	2	97
PRIME Farm Seeds 7285	183	53.9	22.5	4	95
Pioneer 33A14	183	53.1	21.7	1	94
Colbert 260	183	51.3	21.8	4	93
AgriPro AP9466	182	52.3	19.7	1	92
Beck 6262	181	53.8	21.7	1	93
AgriGold A6590	181	51.0	22.3	2	98
Garst 8362	179	53.7	22.5	2	94
Beck 5283Bt	178	52.5	19.7	1	94
Golden Harvest H-9229	177	54.2	22.6	3	91
Diener DB1099	177	54.0	21.5	9	96
Garst 8464	174	52.3	21.9	1	90
Dairyland Stealth 1416	173	51.4	20.5	4	96
Specialty 3985	172	53.0	21.9	2	98
Beck 5405Bt	172	51.1	20.4	3	93
Campbell 6995	170	51.4	20.3	1	94
Beck 5405	169	51.1	20.4	4	93
Battleground 3340	168	51.3	20.9	2	92
DEKALB DK567	167	52.9	18.8	1	97
Diener DB1050	167	52.3	20.5	1	93
Crows C496	167	51.2	20.8	3	94
Seed Consultants SC1087	166	51.9	20.3	1	93
Rupp XR 8108Bt	166	51.6	20.9	4	88
NetSeeds 1105	164	52.5	20.6	3	94
Specialty 3557	164	51.9	20.7	1	92
Beck 5959	164	51.6	22.1	3	91
LG Seeds LG2579	164	51.4	20.5	1	93
Golden Harvest H-9345	163	54.7	21.9	7	96
AgriPro AP9565	162	52.2	20.7	1	93
Pioneer 34F80	159	54.3	20.8	1	93
Grand mean	175	52.8	21.2	2	94
LSD (10%)	14	1.6	0.9	4	7

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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Table 4C Central Clay Loams, Regular Population, 2000 Averages

Brand-hybrid	Yield est(1)	Test wt.	Water		
			at harv.	Lodg-ing	Stand
	bu/A	lb/bu	%	%	%
Pioneer 33P67	212 *	56.1	24.0	1	95
Pioneer 33J56	212 *	53.5	22.2	4	99
LG Seeds LG2587	204 *	54.1	22.5	2	98
Campbell 6670	204 *	51.0	21.3	3	96
Pioneer 33G27	197 *	55.3	23.4	2	99
Seed Consultants Exp110	195 *	53.7	22.6	2	95
LG Seeds LG2585	194	51.7	22.1	3	97
PRIME Farm Seeds 6525	193	51.1	21.7	2	95
Pioneer 34B23	192	53.3	21.2	2	96
DEKALB DKC61-24	192	52.9	20.6	2	90
Pioneer 31G98	191	52.6	25.9	5	91
Purple Ribbon 601	191	51.7	21.4	4	94
Specialty Ex615	191	50.7	22.6	3	91
DEKALB DK647BtY	190	52.3	24.2	2	97
Purple Ribbon 609	189	53.8	22.7	2	95
Corn Belt C629	189	53.8	23.7	2	93
AgriGold A6445	189	52.3	22.0	3	90
Gutwein 8461	189	50.8	21.4	3	87
Diener DB1099	188	53.2	22.5	3	96
AgriPro AP9466	188	51.5	20.5	2	91
Beck 5322	188	51.1	21.5	3	89
Pioneer 33J24	187	55.3	22.7	3	95
iCorn.com i114.K1	187	52.6	22.6	2	97
Seed Consultants Exp109	187	51.6	21.8	3	89
Battleground 3347	185	53.6	22.4	3	95
Crows C4908	185	50.9	21.7	3	93
Seed ConsultantsSC10B99	184	50.4	22.2	3	95
Gutwein 8375	184	49.9	22.1	4	96
ASGROW RX708	183	52.3	20.7	2	94
Garst 8362	182	52.0	23.6	3	95
Dairyland Stealth 1611	182	50.8	21.5	3	85
Colbert 260	182	49.6	22.3	4	93
PRIME Farm Seeds 7285	181	54.0	23.7	3	95
iCorn.com i111.E3	181	53.4	23.2	2	92
Prairie Stream SX560	181	53.1	22.9	2	84
Pioneer 35P12	181	52.2	20.0	2	99
Vigoro V5300	181	51.6	21.7	1	93
Beck 6262	180	53.6	22.5	1	94
Pioneer 33A14	180	51.7	22.6	1	94
AgriGold A6590	179	49.5	22.8	2	98
Golden Harvest H-9229	178	53.2	23.7	1	89
Beck 5283Bt	178	52.1	20.8	1	94
iCorn.com i112.F5	177	54.5	22.6	2	88
Davis 4209	177	53.1	26.2	4	98
Battleground 3293	177	51.9	20.9	2	97
Beck 5622	177	50.8	22.7	7	93
Sunstar X2487	176	51.7	22.0	3	92
Beck 5422	176	49.9	22.5	6	95
iCorn.com i106.A4	175	52.5	20.7	1	92
DEKALB DK567	175	52.2	19.5	2	97
Corn Belt C609	175	50.3	22.4	2	92
Diener Seeds DB1100	174	54.6	24.0	2	97
Battleground 3361	174	51.0	22.5	2	96
Netseeds 1177	174	50.8	23.8	4	93
Sunstar X2485	173	50.9	22.2	2	93
Garst 8464	172	51.8	22.5	1	89
AgriGold A6469Bt	172	51.1	22.8	2	95
LG Seeds LG2606	172	51.0	22.4	4	85
PRIME Farm Seeds 7250	171	53.0	22.6	2	93
Vigoro V4910	171	52.7	21.1	1	91
Stine 9803	171	52.6	22.6	2	90
Specialty 4544Bt	171	50.9	22.8	1	93
Prairie Stream SX575	171	50.7	22.4	3	89
Colbert Ex131	170	51.7	24.0	4	97
Rupp XR 8108Bt	170	51.3	22.1	1	87
Diener Seeds DB1050A	170	50.6	22.0	3	84
Crows C4911Bt	169	50.8	22.7	2	90
AgriGold A6540	168	52.7	22.4	4	93
Netseeds 1155	168	51.8	23.3	5	88
ASGROW RX730YG	168	50.9	22.3	5	94
Unity Seeds 6287A	167	51.9	22.5	2	91
Dairyland Stealth 1414	167	51.3	22.9	1	87
Campbell 7100	167	51.2	20.8	4	94
Prairie Stream SX572	167	50.4	21.5	2	88

Table 4C. Continued.

Brand-hybrid	Yield est(1)	Test wt.	Water		
			at harv.	Lodg-ing	Stand
	bu/A	lb/bu	%	%	%
Dairyland Stealth 1416	166	50.6	20.9	5	99
Corn Belt C611	166	50.1	23.5	8	97
PRIME Farm Seeds 7325	166	49.9	22.7	6	92
AgriGold A6545	165	50.7	22.3	6	85
Vigoro V53Y91	164	52.3	21.8	3	94
iCorn.com i110.H2	164	51.2	21.3	2	94
Beck 5405	164	50.8	20.9	4	94
LG Seeds C7761Bt	164	50.7	22.3	0	92
iCorn.com i113.J4	164	50.5	20.6	2	97
Beck 5959	163	50.8	23.2	4	90
Netseeds 1093	163	50.6	21.5	1	88
Crows 496	163	50.6	21.4	3	94
Prairie Stream SX525	163	50.4	19.8	3	88
LG Seeds LG2677	162	54.9	24.5	5	87
Garst N7427 IT	162	53.0	23.3	3	93
Pioneer 34G13	162	52.8	21.5	2	93
Seed Consultants SC1087	162	51.6	21.2	2	93
Seed Consultants SC1080	161	50.7	21.7	1	89
Campbell 6995	161	50.6	21.0	0	92
Golden Harvest H-9345	160	54.7	22.4	9	97
Netseeds 1117	160	51.8	21.8	2	87
NetSeeds 1105	160	51.7	21.5	5	95
Specialty 3985	160	51.3	22.3	2	97
Golden Harvest Ex98712	160	50.8	22.8	1	84
Prairie Stream SX570	160	50.7	21.3	1	91
LG Seeds LG2579	160	50.5	21.4	1	94
Diener DB1050	159	52.3	21.4	2	93
Specialty Ex6680	159	51.5	20.9	6	94
Battleground 3340	159	50.6	22.1	1	93
Adler 4240	158	51.6	21.8	3	90
Davis 4229	156	51.0	20.8	4	96
AgriPro AP9565	156	50.9	21.8	2	94
Diener Seeds DB1077	156	50.7	21.3	0	92
Specialty 3557	155	50.6	21.6	1	89
Beck 5405Bt	155	50.3	20.8	3	93
AgriGold A6675	154	53.5	24.7	3	86
Beck Ex2022	154	50.1	22.4	4	92
DEKALB DKC58-52	152	51.8	19.4	2	85
Pioneer 34F80	148	53.7	21.5	2	92
Prairie Stream SX514	148	50.1	21.4	1	89
Campbell 7200	142	52.1	22.3	2	82
Prairie Stream SX526	137	49.1	19.4	3	84
Diener Seeds DB1112	134	50.8	21.9	4	81
Grand mean	173	51.8	22.1	3	92
LSD (10%)	18	2.0	1.2	3	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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