



**Table C-75. Corn Cropping Systems.  
Arlington, WI - 2005.**

Brand	Hybrid	Target density plants/A	Nitrogen rate	Seed strobilurins	Seed insecticide	Fungicide Timing	Yield		Test Weight	Grower Return	Lodged		Harvest plants	Plants emerged	Seeds planted
							bu/A	%			lbs/bu	\$/A			
						UTC	212	20.1	56	327	4	34	37120	48176	51084
						HeadlineV12	215	19.8	56	331	6	28	36888	47879	51084
						HeadlineV18	213	19.5	56	330	7	28	37416	48442	51084
						HeadlineV12V18	215	19.6	56	333	6	30	37168	47928	51084
						UTC	216	19.9	56	333	6	29	36951	47931	51084
						Poncho1250	212	19.6	56	327	6	32	37359	48281	51084
						UTC	216	20.0	56	332	4	32	37275	48250	51084
						UTC	216	20.1	56	332	5	28	36892	47594	51084
						UTC	215	19.5	56	334	7	26	37224	48411	51084
						UTC	217	19.9	56	335	6	29	36377	47471	51084
						Poncho1250	209	20.1	56	321	4	37	36960	48102	51084
						Poncho1250	213	19.5	56	330	7	29	36885	48164	51084
						Poncho1250	211	19.5	57	327	7	30	37607	48473	51084
						Poncho1250	213	19.4	56	331	7	31	37988	48386	51084
						UTC	214	19.7	56	331	6	29	37092	48043	51084
						Dynasty	214	19.8	56	329	5	32	37211	48170	51084
						UTC	212	20.0	56	326	5	33	36969	48151	51084
						UTC	214	19.7	56	331	6	24	36732	47310	51084
						UTC	217	19.7	56	335	7	27	37454	48411	51084
						UTC	214	19.4	56	332	7	31	37197	48300	51084
						Dynasty	213	20.2	56	327	4	35	37277	48201	51084
						Dynasty	215	19.9	56	332	5	32	37039	48448	51084
						Dynasty	210	19.3	57	326	6	30	37377	48473	51084
						Dynasty	216	19.9	56	333	6	29	37139	47557	51084
						UTC	215	19.8	56	332	5	27	36828	47699	51084
						UTC	213	19.6	56	330	7	30	37356	48386	51084
						Dynasty	217	19.9	56	334	6	30	37071	48164	51084
						Dynasty	210	19.7	56	325	5	33	37363	48176	51084
						UTC	217	19.9	56	335	5	28	37373	48188	51084
						UTC	215	19.9	56	331	4	24	36274	46901	51084
						UTC	216	19.7	56	334	7	27	37330	47966	51084
						UTC	212	19.6	56	328	5	31	36262	47743	51084
						UTC	206	20.1	56	317	5	39	36538	48114	51084
						UTC	213	19.4	57	330	9	25	37224	47718	51084
						UTC	217	19.6	57	336	7	27	37571	48857	51084
						UTC	216	19.2	56	336	8	31	38069	48857	51084
						Dynasty	214	20.2	56	329	4	36	37171	48312	51084
						Dynasty	216	20.2	56	332	6	32	37472	48287	51084
						Dynasty	215	19.2	56	334	7	26	37125	48857	51084
						Dynasty	222	20.1	56	341	7	28	36485	47198	51084
						Dynasty	212	20.1	55	326	4	34	37382	48089	51084
						Dynasty	214	19.7	56	331	4	33	36545	48609	51084
						Dynasty	205	19.4	57	318	6	34	37646	48089	51084
						Dynasty	210	19.7	56	325	6	31	37894	47916	51084
		160					213	19.6	56	330	6	30	37109	47854	51084
		220					214	19.9	56	331	5	30	37192	48358	51084
		160				UTC	209	19.7	56	323	4	35	37013	47829	51084
		160				HeadlineV12	214	19.8	56	330	6	31	37118	47730	51084
		160				HeadlineV18	214	19.4	57	332	7	25	37039	48164	51084
		160				HeadlineV12V18	216	19.6	56	334	7	31	37283	47693	51084
		220				UTC	216	20.4	56	330	4	33	37224	48522	51084
		220				HeadlineV12	215	19.8	56	332	5	26	36650	48027	51084
		220				HeadlineV18	213	19.5	56	329	6	32	37769	48720	51084
		220				HeadlineV12V18	215	19.7	56	332	6	29	37066	48164	51084
		160				UTC	215	19.8	56	331	6	29	36854	47848	51084
		160				Poncho1250	212	19.5	56	328	6	31	37377	47860	51084
		220				UTC	217	19.9	56	335	5	28	37045	48015	51084
		220				Poncho1250	212	19.8	56	327	6	32	37343	48702	51084
		160				UTC	214	19.7	56	331	4	31	37571	48584	51084
		160				UTC	215	20.0	56	331	5	36	37274	47545	51084
		160				UTC	214	19.5	56	332	8	23	36696	47817	51084
		160				UTC	216	20.0	56	333	7	28	35640	47446	51084
		160				Poncho1250	204	19.8	56	315	5	40	36375	47075	51084
		160				Poncho1250	213	19.6	56	330	7	25	36941	47916	51084
		160				Poncho1250	214	19.3	57	332	7	27	37382	48510	51084
		160				Poncho1250	215	19.2	56	335	8	34	38808	47941	51084
		220				UTC	217	20.4	56	333	5	32	36960	47916	51084
		220				UTC	216	20.1	56	333	4	20	36485	47644	51084
		220				UTC	217	19.4	56	336	6	30	37719	49005	51084
		220				UTC	218	19.7	56	337	5	31	36977	47495	51084

continued

**Table C-75. Corn Cropping Systems.**

(continued) **Arlington, WI - 2005.**

Brand	Hybrid	Target density plants/A	Nitrogen rate	Seed strobilurins	Seed insecticide	Fungicide Timing	Yield		Test Weight	Grower Return	Lodged		Harvest plants	Plants emerged	Seeds planted
							bu/A	% Moisture			% Stalk	% Root			
		220			Poncho1250	UTC	214	20.4	55	327	4	34	37472	49129	51084
		220			Poncho1250	HeadlineV12	214	19.5	56	331	6	32	36828	48411	51084
		220			Poncho1250	HeadlineV18	208	19.7	57	322	7	34	37818	48436	51084
		220			Poncho1250	HeadlineV12V18	211	19.6	56	327	7	27	37167	48832	51084
		160	UTC				215	19.6	56	333	7	28	36855	47786	51084
		160	Dynasty				211	19.7	56	327	5	33	37358	47922	51084
		220	UTC				213	19.8	56	329	5	30	37313	48300	51084
		220	Dynasty				216	19.9	56	332	5	30	37066	48417	51084
		160	UTC			UTC	211	19.8	56	325	4	31	36538	48040	51084
		160	UTC			HeadlineV12	213	19.6	56	330	7	26	36590	46827	51084
		160	UTC			HeadlineV18	217	19.3	57	337	8	23	36907	47966	51084
		160	UTC			HeadlineV12V18	219	19.6	56	339	9	31	37468	48312	51084
		160	Dynasty			UTC	208	19.7	57	321	4	39	37488	47619	51084
		160	Dynasty			HeadlineV12	215	20.0	56	331	5	36	37646	48634	51084
		160	Dynasty			HeadlineV18	211	19.5	56	327	7	26	37171	48362	51084
		160	Dynasty			HeadlineV12V18	212	19.6	56	328	6	31	37111	47075	51084
		220	UTC			UTC	213	20.1	56	327	5	36	37373	48263	51084
		220	UTC			HeadlineV12	214	19.7	56	331	5	23	36885	47792	51084
		220	UTC			HeadlineV18	216	20.0	56	333	7	30	37967	48857	51084
		220	UTC			HeadlineV12V18	209	19.2	56	325	5	31	36977	48287	51084
		220	Dynasty			UTC	219	20.7	55	333	4	30	37066	48782	51084
		220	Dynasty			HeadlineV12	216	19.9	56	332	6	29	36432	48263	51084
		220	Dynasty			HeadlineV18	209	19.1	57	325	6	33	37571	48584	51084
		220	Dynasty			HeadlineV12V18	220	20.1	56	338	7	28	37167	48040	51084
		160	UTC	UTC			216	19.8	56	333	6	26	36814	47483	51084
		160	UTC		Poncho1250		214	19.3	56	333	8	30	36896	48089	51084
		160	Dynasty	UTC			214	19.8	56	330	6	33	36892	48213	51084
		160	Dynasty		Poncho1250		209	19.6	56	323	5	33	37875	47631	51084
		220	UTC	UTC			214	19.7	56	331	4	29	36841	47916	51084
		220	UTC		Poncho1250		212	19.8	56	327	7	31	37786	48683	51084
		220	Dynasty	UTC			220	20.1	56	338	6	28	37250	48114	51084
		220	Dynasty		Poncho1250		212	19.8	56	326	5	33	36869	48720	51084
		30000					218	20.2	56	335	5	18	30180	39387	41184
		45000					209	19.2	56	325	6	43	44420	56826	60984
		30000				UTC	219	20.7	56	333	3	24	29943	39501	41184
		30000				HeadlineV12	221	20.2	56	340	6	15	30300	39551	41184
		30000				HeadlineV18	215	19.9	56	331	5	17	30428	39513	41184
		30000				HeadlineV12V18	219	20.2	56	336	6	16	30041	38981	41184
		45000				UTC	206	19.4	56	320	5	44	44537	56851	60984
		45000				HeadlineV12	208	19.4	56	323	5	43	44182	56207	60984
		45000				HeadlineV18	211	19.0	57	330	8	40	44403	57371	60984
		45000				HeadlineV12V18	212	19.1	56	329	7	44	44550	56876	60984
		30000				UTC	218	20.3	56	335	5	18	30207	39606	41184
		30000				Poncho1250	218	20.2	56	335	6	18	30151	39167	41184
		45000				UTC	213	19.4	56	331	7	41	44393	56257	60984
		45000				Poncho1250	205	19.1	56	319	6	45	44446	57395	60984
		30000				UTC	220	20.7	56	336	3	24	29898	39848	41184
		30000				HeadlineV12	218	20.4	56	335	4	16	30294	39575	41184
		30000				HeadlineV18	216	20.0	56	333	6	15	30591	39674	41184
		30000				HeadlineV12V18	219	20.3	56	336	5	18	30047	39328	41184
		30000				Poncho1250	217	20.7	56	331	4	25	29990	39155	41184
		30000				HeadlineV12	224	20.0	56	345	8	15	30307	39526	41184
		30000				HeadlineV18	214	19.9	57	329	5	18	30254	39353	41184
		30000				HeadlineV12V18	219	20.1	56	336	7	14	30035	38635	41184
		45000				UTC	211	19.3	57	328	5	40	45144	56653	60984
		45000				HeadlineV12	213	19.8	56	329	6	41	43930	55613	60984
		45000				HeadlineV18	214	19.0	56	335	9	38	44299	57148	60984
		45000				HeadlineV12V18	215	19.5	56	333	7	44	44169	55613	60984
		45000				Poncho1250	201	19.5	56	312	5	48	43930	57049	60984
		45000				HeadlineV12	203	19.1	56	316	4	45	44474	56801	60984
		45000				HeadlineV18	208	19.1	57	325	8	42	44501	57593	60984
		45000				HeadlineV12V18	208	18.8	56	326	7	45	44880	58138	60984
		30000	UTC				219	20.2	56	336	6	16	29994	39117	41184
		30000	Dynasty				218	20.3	56	334	4	20	30373	39656	41184
		45000	UTC				209	19.1	56	326	6	43	44680	56968	60984
		45000	Dynasty				209	19.4	56	325	7	43	44164	56684	60984

continued

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(continued) Arlington, WI - 2005.

Brand	Hybrid	Target density plants/A	Nitrogen rate	Seed strobilurins	Seed insecticide	Fungicide Timing	Yield		Test Weight lbs/bu	Grower Return \$/A	Lodged		Harvest plants/A	Plants emerged plants/A	Seeds planted seeds/A
							bu/A	%			%	%			
		30000		UTC		UTC	217	20.8	56	331	4	22	29849	39328	41184
		30000		UTC		HeadlineV12	222	20.1	56	342	7	9	29885	38412	41184
		30000		UTC		HeadlineV18	219	20.1	56	337	6	18	30393	39872	41184
		30000		UTC		HeadlineV12V18	218	19.9	56	335	8	16	29832	38858	41184
		30000		Dynasty		UTC	220	20.7	56	336	2	27	30043	39674	41184
		30000		Dynasty		HeadlineV12	220	20.3	55	337	6	22	30690	40689	41184
		30000		Dynasty		HeadlineV18	210	19.7	56	325	5	15	30466	39155	41184
		30000		Dynasty		HeadlineV12V18	220	20.4	56	337	4	17	30266	39105	41184
		45000		UTC		UTC	206	19.2	57	321	5	46	44563	56975	60984
		45000		UTC		HeadlineV12	205	19.3	56	319	6	41	44069	56207	60984
		45000		UTC		HeadlineV18	214	19.2	56	333	9	37	44986	56950	60984
		45000		UTC		HeadlineV12V18	211	18.9	56	329	5	47	45087	57742	60984
		45000		Dynasty		UTC	206	19.7	56	318	5	43	44510	56727	60984
		45000		Dynasty		HeadlineV12	210	19.5	56	326	5	44	44295	56207	60984
		45000		Dynasty		HeadlineV18	209	18.9	57	327	8	43	43857	57791	60984
		45000		Dynasty		HeadlineV12V18	212	19.4	56	330	9	41	44013	56009	60984
		30000		UTC	UTC		218	20.2	56	334	5	15	29799	39241	41184
		30000		UTC	Poncho1250		220	20.2	56	338	8	17	30202	38994	41184
		30000		Dynasty	UTC		219	20.4	56	335	4	21	30616	39971	41184
		30000		Dynasty	Poncho1250		216	20.2	56	332	4	20	30096	39340	41184
		45000		UTC	UTC		212	19.3	56	330	5	41	44861	56158	60984
		45000		UTC	Poncho1250		206	18.9	57	322	7	44	44510	57779	60984
		45000		Dynasty	UTC		215	19.5	56	333	8	40	43956	56356	60984
		45000		Dynasty	Poncho1250		204	19.3	56	317	5	46	44379	57012	60984
		30000	160				218	20.1	56	334	6	18	30439	38888	41184
		30000	220				219	20.3	56	336	5	18	29930	39885	41184
		45000	160				209	19.1	56	325	7	43	44130	56820	60984
		45000	220				210	19.4	56	326	6	42	44695	56832	60984
		30000	160			UTC	212	20.3	56	325	4	24	30254	39155	41184
		30000	160			HeadlineV12	221	20.0	56	341	6	18	30542	38858	41184
		30000	160			HeadlineV18	216	20.1	56	332	5	16	30624	38783	41184
		30000	160			HeadlineV12V18	221	20.2	56	339	9	14	30322	38759	41184
		30000	220			UTC	225	21.2	56	341	3	24	29651	39848	41184
		30000	220			HeadlineV12	221	20.4	56	338	6	12	30043	40244	41184
		30000	220			HeadlineV18	214	19.7	57	331	6	18	30245	40244	41184
		30000	220			HeadlineV12V18	216	20.1	56	333	4	18	29779	39204	41184
		45000	160			UTC	206	19.2	57	321	5	46	43771	56504	60984
		45000	160			HeadlineV12	207	19.6	56	320	6	45	44635	56603	60984
		45000	160			HeadlineV18	212	18.7	57	332	10	34	43454	57544	60984
		45000	160			HeadlineV12V18	210	19.0	56	328	6	49	44778	56628	60984
		45000	220			UTC	206	19.6	56	319	6	42	45302	57197	60984
		45000	220			HeadlineV12	209	19.3	57	325	4	41	43730	55811	60984
		45000	220			HeadlineV18	211	19.4	56	328	7	46	45293	57197	60984
		45000	220			HeadlineV12V18	213	19.2	56	331	8	40	44352	57123	60984
		30000	160		UTC		217	20.3	56	333	5	20	30418	39068	41184
		30000	160		Poncho1250		218	20.0	56	336	7	16	30464	38709	41184
		30000	220		UTC		220	20.3	56	337	4	16	29997	40145	41184
		30000	220		Poncho1250		218	20.3	56	334	5	21	29858	39625	41184
		45000	160		UTC		213	19.3	56	330	7	40	44211	56628	60984
		45000	160		Poncho1250		205	18.9	56	320	6	47	44052	57012	60984
		45000	220		UTC		214	19.5	56	332	6	42	44563	55886	60984
		45000	220		Poncho1250		205	19.3	56	319	6	43	44827	57779	60984
		30000	160	UTC			220	20.2	56	337	7	15	30300	38523	41184
		30000	160	Dynasty			215	20.1	56	331	4	21	30588	39254	41184
		30000	220	UTC			218	20.2	56	335	5	17	29687	39711	41184
		30000	220	Dynasty			220	20.5	56	336	4	19	30173	40058	41184
		45000	160	UTC			210	18.9	56	328	7	42	44381	57049	60984
		45000	160	Dynasty			207	19.3	57	322	6	45	43903	56591	60984
		45000	220	UTC			208	19.3	56	323	6	43	44940	56888	60984
		45000	220	Dynasty			212	19.4	56	328	7	41	44434	56777	60984
Pioneer	34M94						209	19.7	56	323	8	27	36885	47879	51084
Pioneer	34M95						218	19.8	57	337	4	34	37415	48334	51084
Pioneer	34M94					UTC	207	20.0	56	319	6	30	37326	48052	51084
Pioneer	34M94					HeadlineV12	211	20.0	56	324	8	26	36021	47235	51084
Pioneer	34M94					HeadlineV18	211	19.5	56	327	8	25	36878	49017	51084
Pioneer	34M94					HeadlineV12V18	208	19.5	56	323	10	25	37224	47211	51084
Pioneer	34M95					UTC	218	20.1	56	334	3	38	36907	48300	51084
Pioneer	34M95					HeadlineV12	218	19.7	57	338	4	30	37620	48522	51084
Pioneer	34M95					HeadlineV18	215	19.5	57	334	6	32	37990	47867	51084
Pioneer	34M95					HeadlineV12V18	222	19.8	56	343	3	35	37111	48646	51084

continued

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(continued) Arlington, WI - 2005.

Brand	Hybrid	Target density plants/A	Nitrogen rate	Seed strobilurins	Seed insecticide	Fungicide Timing	Yield		Test Weight	Grower Return	Lodged		Harvest plants	Plants emerged	Seeds planted
							bu/A	% Moisture			% Stalk	% Root			
Pioneer	34M94				UTC		212	20.0	56	327	8	26	36866	47600	51084
Pioneer	34M94				Poncho1250		206	19.5	56	320	8	28	36904	48157	51084
Pioneer	34M95				UTC		220	19.7	56	339	3	32	37039	48263	51084
Pioneer	34M95				Poncho1250		217	19.8	57	335	4	35	37792	48405	51084
Pioneer	34M94				UTC	UTC	212	20.1	56	326	6	27	37521	48312	51084
Pioneer	34M94				UTC	HeadlineV12	211	20.3	56	323	6	28	36538	46728	51084
Pioneer	34M94				UTC	HeadlineV18	215	19.7	56	332	9	24	37175	48906	51084
Pioneer	34M94				UTC	HeadlineV12V18	211	19.8	56	326	9	24	36168	46456	51084
Pioneer	34M94				Poncho1250	UTC	202	19.9	55	312	6	34	37118	47792	51084
Pioneer	34M94				Poncho1250	HeadlineV12	211	19.6	55	326	10	25	35376	47743	51084
Pioneer	34M94				Poncho1250	HeadlineV18	207	19.3	56	322	7	26	36581	49129	51084
Pioneer	34M94				Poncho1250	HeadlineV12V18	206	19.2	56	320	10	26	38355	47966	51084
Pioneer	34M95				UTC	UTC	219	20.0	57	337	2	37	37013	48188	51084
Pioneer	34M95				UTC	HeadlineV12	221	19.8	56	341	4	29	37224	48461	51084
Pioneer	34M95				UTC	HeadlineV18	216	19.2	57	336	6	28	37277	47916	51084
Pioneer	34M95				UTC	HeadlineV12V18	223	19.9	56	343	2	35	36602	48485	51084
Pioneer	34M95				Poncho1250	UTC	216	20.3	56	331	3	39	36802	48411	51084
Pioneer	34M95				Poncho1250	HeadlineV12	216	19.5	57	335	4	31	38016	48584	51084
Pioneer	34M95				Poncho1250	HeadlineV18	215	19.7	57	332	7	35	38702	47817	51084
Pioneer	34M95				Poncho1250	HeadlineV12V18	221	19.6	57	342	4	36	37620	48807	51084
Pioneer	34M94			UTC			211	19.6	56	326	9	23	36593	47910	51084
Pioneer	34M94			Dynasty			208	19.9	56	320	7	31	37171	47848	51084
Pioneer	34M95			UTC			217	19.7	57	336	4	35	37575	48176	51084
Pioneer	34M95			Dynasty			219	19.8	56	339	4	32	37251	48491	51084
Pioneer	34M94			UTC	UTC		206	19.7	56	318	8	26	37013	47768	51084
Pioneer	34M94			UTC	HeadlineV12		212	19.6	56	329	9	17	35823	46802	51084
Pioneer	34M94			UTC	HeadlineV18		215	19.8	56	332	8	24	36977	48931	51084
Pioneer	34M94			UTC	HeadlineV12V18		210	19.2	56	326	10	22	36432	48139	51084
Pioneer	34M94			Dynasty	HeadlineV12		208	20.3	56	320	4	34	37620	48337	51084
Pioneer	34M94			Dynasty	HeadlineV18		209	20.3	55	320	7	35	36206	47669	51084
Pioneer	34M94			Dynasty	HeadlineV12V18		207	19.2	56	322	7	26	36779	49104	51084
Pioneer	34M94			Dynasty	HeadlineV12V18		207	19.7	56	320	9	28	38073	46283	51084
Pioneer	34M95			UTC	UTC		217	20.2	57	334	1	40	36927	48535	51084
Pioneer	34M95			UTC	HeadlineV12		215	19.7	57	333	4	30	37472	47817	51084
Pioneer	34M95			UTC	HeadlineV18		218	19.5	57	338	6	30	37963	47891	51084
Pioneer	34M95			UTC	HeadlineV12V18		219	19.5	56	339	3	41	38016	48461	51084
Pioneer	34M95			Dynasty	UTC		218	20.1	56	335	4	36	36885	48065	51084
Pioneer	34M95			Dynasty	HeadlineV12		222	19.6	56	343	4	30	37769	49228	51084
Pioneer	34M95			Dynasty	HeadlineV18		213	19.4	57	330	6	34	38016	47842	51084
Pioneer	34M95			Dynasty	HeadlineV12V18		225	20.0	57	347	3	30	36206	48832	51084
Pioneer	34M94			UTC	UTC		213	19.9	56	329	8	21	36353	47582	51084
Pioneer	34M94			UTC	Poncho1250		208	19.3	56	324	10	24	36842	48238	51084
Pioneer	34M94			Dynasty	UTC		211	20.0	56	325	8	30	37348	47619	51084
Pioneer	34M94			Dynasty	Poncho1250		204	19.7	56	316	5	32	36969	48077	51084
Pioneer	34M95			UTC	UTC		217	19.6	57	335	3	34	37303	47817	51084
Pioneer	34M95			UTC	Poncho1250		218	19.8	57	336	4	37	37837	48535	51084
Pioneer	34M95			Dynasty	UTC		222	19.8	56	343	4	31	36775	48708	51084
Pioneer	34M95			Dynasty	Poncho1250		216	19.7	57	334	4	34	37743	48275	51084
Pioneer	34M94	160					210	19.7	56	325	8	27	36620	47613	51084
Pioneer	34M94	220					209	19.8	56	322	8	27	37145	48145	51084
Pioneer	34M95	160					216	19.6	57	335	4	34	37606	48095	51084
Pioneer	34M95	220					220	19.9	57	339	3	33	37237	48572	51084
Pioneer	34M94	160			UTC		208	19.7	56	321	6	30	37013	47594	51084
Pioneer	34M94	160			HeadlineV12		211	20.0	56	325	8	27	35810	47000	51084
Pioneer	34M94	160			HeadlineV18		213	19.5	56	331	7	24	36383	48461	51084
Pioneer	34M94	160			HeadlineV12V18		208	19.5	56	322	11	26	37281	47396	51084
Pioneer	34M94	220			UTC		207	20.3	56	317	6	31	37620	48510	51084
Pioneer	34M94	220			HeadlineV12		210	19.9	56	324	7	26	36249	47471	51084
Pioneer	34M94	220			HeadlineV18		209	19.5	56	324	8	26	37373	49574	51084
Pioneer	34M94	220			HeadlineV12V18		209	19.5	56	324	9	24	37171	47025	51084
Pioneer	34M95	160			UTC		210	19.8	57	325	2	41	37013	48065	51084
Pioneer	34M95	160			HeadlineV12		217	19.6	56	336	4	34	38264	48461	51084
Pioneer	34M95	160			HeadlineV18		214	19.3	57	333	8	26	37790	47867	51084
Pioneer	34M95	160			HeadlineV12V18		224	19.7	56	345	4	36	37285	47990	51084
Pioneer	34M95	220			UTC		225	20.5	56	343	3	36	36802	48535	51084
Pioneer	34M95	220			HeadlineV12		220	19.7	57	340	4	26	36977	48584	51084
Pioneer	34M95	220			HeadlineV18		216	19.6	57	334	5	37	38165	47867	51084
Pioneer	34M95	220			HeadlineV12V18		220	19.8	57	340	3	34	36960	49302	51084

continued



**Table C-75. Corn Cropping Systems.**

(continued) **Arlington, WI - 2005.**

	Yield	Moisture	Test Weight	Grower Return	Lodged Stalk	Lodged Root	Harvest plants	Plants emerged	Seeds planted
	bu/A	%	lbs/bu	\$/A	%	%	plants/A	plants/A	seeds/A
<b>Probability(%)</b>									
Hybrid (H)	0.0	82.2	0.0	0.0	0.0	0.1	3.5	20.2	-
Plant Density (D)	0.0	0.0	3.7	0.1	12.6	0.0	0.0	0.0	-
H x D	8.2	0.7	2.1	22.3	44.8	30.3	54.9	72.1	-
Nitrogen Rate (N)	53.0	19.4	48.7	75.1	38.2	62.3	95.8	15.7	-
H x N	19.9	54.9	76.0	22.6	75.5	89.0	54.4	93.8	-
D x N	90.2	91.2	44.2	90.0	66.5	69.9	3.1	16.7	-
H x D x N	9.2	57.5	6.5	10.0	11.9	71.9	52.6	20.8	-
Seed Strobilurins (S)	80.0	36.5	53.4	60.9	23.3	20.9	89.3	72.1	-
H x S	20.4	48.7	35.4	13.9	6.4	4.2	29.3	59.6	-
D x S	67.9	62.8	96.6	74.6	11.3	30.9	8.7	24.8	-
H x D x S	10.5	90.5	36.0	8.9	21.6	1.5	59.4	97.9	-
N x S	11.0	77.7	23.4	11.1	26.5	46.8	85.4	97.9	-
H x N x S	95.1	19.8	38.8	81.3	22.6	51.3	30.1	46.0	-
D x N x S	96.6	23.3	27.4	70.3	72.8	72.2	82.7	60.8	-
Seed Insecticide (I)	3.8	16.6	72.0	5.9	47.4	30.8	99.6	32.6	-
H x I	44.2	8.8	24.3	67.6	61.4	61.0	78.4	55.9	-
D x I	4.3	66.9	72.8	4.0	29.5	60.8	90.8	2.7	-
H x D x I	23.1	53.0	36.5	15.0	99.3	70.2	27.0	0.0	-
N x I	59.9	42.9	41.1	47.2	84.9	53.2	81.7	34.3	-
H x N x I	87.5	43.4	44.2	99.7	34.7	29.8	83.1	64.5	-
D x N x I	76.8	88.2	95.8	73.8	65.0	17.3	46.2	24.1	-
S x I	25.3	98.1	39.4	23.4	4.4	92.9	90.3	34.3	-
H x S x I	50.0	39.1	86.6	60.9	29.8	63.2	26.2	50.3	-
D x S x I	89.8	54.2	7.8	98.9	85.8	95.5	9.8	68.2	-
N x S x I	72.7	36.0	53.4	89.4	97.1	64.8	11.5	47.0	-
Leaf Fungicide (F)	75.5	6.4	19.0	49.8	7.0	18.1	90.4	66.1	-
H x F	43.2	60.8	55.9	48.0	14.6	57.5	6.0	4.0	-
D x F	26.8	65.4	91.4	24.7	27.0	54.7	62.2	57.6	-
H x D x F	79.8	40.3	87.6	79.1	45.4	44.0	17.6	74.4	-
N x F	49.3	48.1	15.7	64.0	82.3	34.0	17.1	98.3	-
H x N x F	36.6	99.2	27.0	33.9	55.3	84.5	55.2	53.9	-
D x N x F	35.0	30.6	12.3	35.0	4.5	33.3	17.1	56.2	-
S x F	35.1	27.7	21.2	54.9	100.0	63.5	36.6	31.7	-
H x S x F	71.1	47.8	90.4	61.3	32.8	52.7	95.0	41.2	-
D x S x F	77.2	90.1	9.0	66.6	18.9	56.0	77.1	21.1	-
N x S x F	26.2	16.0	0.8	44.9	47.7	82.8	45.9	56.7	-
I x F	90.8	47.6	12.4	74.9	59.5	78.2	65.6	70.8	-
H x I x F	74.6	94.1	36.9	76.4	50.0	73.7	25.1	78.2	-
D x I x F	71.2	81.2	54.2	74.1	61.9	93.2	48.9	60.8	-
N x I x F	60.0	82.2	75.0	45.2	68.4	12.8	64.3	26.5	-
S x I x F	13.5	94.0	62.8	8.3	29.3	19.6	88.9	88.0	-
<b>LSD(0.10)</b>									
Hybrid (H)	3	NS	0.2	4.9	1.2	3.7	400	NS	-
Plant Density (D)	3	0.3	0.2	4.9	NS	3.7	400	587	-
H x D	5	0.4	0.3	NS	NS	NS	NS	NS	-
Nitrogen Rate (N)	NS	NS	NS	NS	NS	NS	NS	NS	-
H x N	NS	NS	NS	NS	NS	NS	NS	NS	-
D x N	NS	NS	NS	NS	NS	NS	NS	566	-
H x D x N	7	NS	0.5	NS	NS	NS	NS	NS	-
Seed Strobilurins (S)	NS	NS	NS	NS	NS	NS	NS	NS	-
H x S	NS	NS	NS	NS	1.7	5.2	NS	NS	-
D x S	NS	NS	NS	NS	NS	NS	566	NS	-
H x D x S	NS	NS	NS	9.8	NS	7.3	NS	NS	-
N x S	NS	NS	NS	NS	NS	NS	NS	NS	-
H x N x S	NS	NS	NS	NS	NS	NS	NS	NS	-
D x N x S	NS	NS	NS	NS	NS	NS	NS	NS	-
Seed Insecticide (I)	3	NS	NS	4.9	NS	NS	NS	NS	-
H x I	NS	0.4	NS	NS	NS	NS	NS	NS	-
D x I	5	NS	NS	6.9	NS	NS	NS	829	-
H x D x I	NS	NS	NS	NS	NS	NS	NS	1173	-
N x I	NS	NS	NS	NS	NS	NS	NS	NS	-
H x N x I	NS	NS	NS	NS	NS	NS	NS	NS	-
D x N x I	NS	NS	NS	NS	NS	NS	NS	NS	-
S x I	NS	NS	NS	NS	1.7	NS	NS	NS	-
H x S x I	NS	NS	NS	NS	NS	NS	NS	NS	-
D x S x I	NS	NS	0.5	NS	NS	NS	800	NS	-
N x S x I	NS	NS	NS	NS	NS	NS	NS	NS	-
Leaf Fungicide (F)	NS	0.3	NS	NS	1.7	NS	566	NS	-
H x F	NS	NS	NS	NS	NS	NS	NS	1173	-
D x F	NS	NS	NS	NS	NS	NS	NS	NS	-
H x D x F	NS	NS	NS	NS	NS	NS	NS	NS	-
N x F	NS	NS	NS	NS	NS	NS	NS	NS	-
H x N x F	NS	NS	NS	NS	NS	NS	NS	NS	-
D x N x F	NS	NS	NS	NS	3.3	NS	NS	NS	-
S x F	NS	NS	NS	NS	NS	NS	NS	NS	-
H x S x F	NS	NS	NS	NS	NS	NS	NS	NS	-
D x S x F	NS	NS	0.7	NS	NS	NS	NS	NS	-
N x S x F	NS	NS	0.7	NS	NS	NS	NS	NS	-
I x F	NS	NS	NS	NS	NS	NS	NS	NS	-
H x I x F	NS	NS	NS	NS	NS	NS	NS	NS	-
D x I x F	NS	NS	NS	NS	NS	NS	NS	NS	-
N x I x F	NS	NS	NS	NS	NS	NS	NS	NS	-
S x I x F	NS	NS	NS	13.8	NS	NS	NS	NS	-
<b>CV(%)</b>	<b>8</b>	<b>7</b>	<b>2</b>	<b>7</b>	<b>97</b>	<b>59</b>	<b>5</b>	<b>6</b>	<b>-</b>