

FIELD EXPERIMENT HISTORY

Title: Corn Hybrid Growth and Development
Experiment: 01GD **Trial ID:** 5739 **Year:** 2013
Personnel: J.G. Lauer, K.D. Kohn, and T. Diallo
Location: Arlington, WI **County:** Columbia
Supported By: HATCH

Site Information

Field: **Previous Crop:** Soybean **Soil Type:** Plano Silt Loam
Soil Test: **Date:** 10/1 /13 **pH:** 6.7 **OM (%)** 3.8 **P (ppm)** 68 **K (ppm)** 244

Plot Management

Tillage Operations: Disk Field Cultivator
Fertilizer: **Preplant Analysis:** 46-0-0 **Rate lbs/A:** 150 lbs/A **Date:** N/A
Starter Analysis: 10-34-0 **Rate lbs/A:** 3.0 gal/A **Date:** 5 /1 /13
Post plant Analysis: 28-0-0 **Rate lbs/A:** 50 lbs/A **Date:** 6 /19/13
Manure: N/A
Herbicide: Dual II Mag 28 oz/A **Insecticide:** Force 3G 4.4 lbs/A
Hornet 4.0 oz/A **Hybrid:** Factor
Irrigation: None
Planting Date: 5/1/13 **Planting Depth:** 1.5" **Row Width:** 30"
Target Plant Density: 32000 plants per acre **Planting Method:** Almaco Precision Planter
Harvest Date: 10/10/13 **Harvest Method:** Massey 8XP
Notes:

Experimental Design

Design: RCB **Replications:** 3
Plot Size Seeded: 10' x 25' **Experiment Size:** 0.28 Acre
Harvest Plot Size: 2.5' x 22' **Harvest Plant Density:** 32962 plants per acre

Factors/Treatments:

Hybrids:

- | | |
|---------------------------|--------------------------|
| 1) Dekalb DKC29-79 | 9) Pioneer P9910AM1 |
| 2) Mycogen 2R158 | 10) FS InVision 53TV4 |
| 3) Lemke 2027-3000GT | 11) Pioneer P0453HR |
| 4) Dekalb DKC38-04 | 12) Dekalb DKC55-09 |
| 5) Pioneer P8906HR | 13) NK Brand N61P-3000GT |
| 6) Carhart's CR8992VT3P | 14) Cornelius C594VT3P |
| 7) NuTech/G2 5X-894 | 15) Renk RK930VT3P |
| 8) Legacy Seeds L3610VT3P | 16) Dekalb DKC69-40VT3 |
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Results: Table 1301-01 & 1301-02.

**Table: 1301-01. Determining Corn Hybrid Maturity - Comparison of Hybrids.
Arlington, WI - 2013.**

Hybrid	Relative maturity	Harvest density plants/A	Grain yield bu/A	Grain moisture %	Test wt lb/bu	Lodged			Return \$4.04 \$/A	Silking date	Early dent	Kernel Milk			Black layer	Plant height inches
						Total %	Stalk %	Root %				75% doy	50% doy	25% doy		
Dekalb DKC29-79	79	33207	139	17.7	58	13	13	1	524	189	230	237	247	249	254	86
Mycogen 2R158	83	32197	224	18.3	57	0	0	0	841	195	235	243	247	251	254	103
Lemke 2027-3000GT	85	32449	254	18.5	57	0	0	0	952	195	232	242	247	252	254	110
Dekalb DKC38-04	88	33712	257	19.2	56	0	0	0	960	196	236	244	251	254	259	114
Pioneer P8906HR	89	32323	239	18.7	58	0	0	0	895	195	234	241	248	253	256	106
Carhart's CR8992VT3P	90	32702	247	19.1	55	1	1	0	922	198	238	245	250	256	263	107
NuTech/G2 5X-894	94	34974	276	19.6	55	0	0	0	1028	198	204	245	252	257	261	107
Legacy Seeds L3610VT3P	95	33459	253	20.2	55	0	0	0	941	196	236	243	251	255	260	99
Pioneer P9910AM1	99	32954	270	20.3	53	0	0	0	1001	200	241	249	254	259	264	111
FS InVision 53TV4	103	33080	267	22.2	54	0	0	0	982	200	241	249	252	258	270	117
Pioneer P0453HR	104	29671	270	23.0	52	0	0	0	989	202	245	252	256	262	270	111
Dekalb DKC55-09	105	33964	265	26.0	52	0	0	0	955	201	241	249	255	263	270	112
NK Brand N61P-3000GT	107	32575	271	25.5	51	0	0	0	979	202	247	253	255	262	270	117
Cornelius C594VT3P	109	33459	275	26.8	53	0	0	0	986	201	246	253	256	264	275	116
Renk RK930VT3P	115	33459	264	28.4	52	0	0	0	937	204	246	252	256	262	271	114
Dekalb DKC69-40VT3	119	33207	253	33.9	52	0	0	0	869	204	246	252	260	270	278	115
Mean		32962	251	22.3	55	1	1	0	923	199	237	247	252	258	264	109
Probability(%)																
Hybrid (H)		2.3	0.0	0.0	0.0	0.0	0.0	53.0	0.0	0.0	16.2	0.0	0.0	0.0	0.0	0.0
LSD(0.10)																
Hybrid (H)		1756	10	1.4	1	1	1	NS	38	1	NS	2	4	2	5	7

**Table: 1301-02. Determining Corn Hybrid Maturity - Comparison of Hybrids.
Arlington, WI - 2013.**

Hybrid	Relative maturity	Day of year	Leaf Development			Plant height inches
			Leaf collars no./plant	Hail adjusters method no./plant	Total leaves no./plant	
		154	3.2	4.7	5.3	7.3
		168	5.8	8.2	9.2	20.4
		182	10.8	12.6	14.1	50.0
		198	15.2	16.3	17.2	107.7
		212	18.3	18.3	18.3	111.7
Carhart's CR8992VT3P			10.8	12.1	13.1	59.1
Cornelius C594VT3P			12.0	12.0	12.9	59.3
Dekalb DKC29-79			11.8	11.4	11.9	50.2
Dekalb DKC38-04			10.5	12.3	13.0	60.4
Dekalb DKC55-09			11.0	12.4	13.4	59.2
Dekalb DKC69-40VT3			10.4	11.8	12.8	57.9
FS InVision 53TV4			10.5	12.0	12.9	61.9
Legacy Seeds L3610VT3P			10.1	11.7	12.5	58.3
Lemke 2027-3000GT			10.4	12.2	12.9	63.8
Mycogen 2R158			9.7	11.9	12.7	53.5
NK Brand N61P-3000GT			10.2	11.9	12.6	61.4
NuTech/G2 5X-894			10.4	12.3	13.1	62.3
Pioneer P0453HR			10.3	11.7	12.5	58.9
Pioneer P8906HR			10.5	12.3	13.2	63.3
Pioneer P9910AM1			10.5	12.1	12.9	60.8
Renk RK930VT3P			11.7	12.0	13.0	60.4
Dekalb DKC29-79	79	154	3.8	5.3	5.8	8.8
Dekalb DKC29-79	79	168	5.8	8.8	9.8	21.2
Dekalb DKC29-79	79	182	20.2	13.3	14.0	52.7
Dekalb DKC29-79	79	198	14.0	14.7	15.0	84.3
Dekalb DKC29-79	79	212	15.0	15.0	15.0	83.8
Mycogen 2R158	83	154	3.3	4.8	5.7	7.1
Mycogen 2R158	83	168	6.0	8.2	9.5	20.0
Mycogen 2R158	83	182	9.7	13.0	14.0	49.3
Mycogen 2R158	83	198	12.7	16.2	16.8	95.2
Mycogen 2R158	83	212	16.7	17.3	17.3	95.8
Lemke 2027-3000GT	85	154	3.5	5.3	5.8	7.7
Lemke 2027-3000GT	85	168	6.0	8.8	9.7	21.3
Lemke 2027-3000GT	85	182	10.0	13.2	14.5	56.0
Lemke 2027-3000GT	85	198	15.2	16.3	17.0	116.7
Lemke 2027-3000GT	85	212	17.5	17.5	17.5	117.5

continued

Table: 1301-02. Determining Corn Hybrid Maturity - Comparison of Hybrids.
Arlington, WI - 2013.

(continued)

Hybrid	Relative maturity	Day of year	Leaf Development			Plant height inches
			Leaf collars no./plant	Hail adjusters method no./plant	Total leaves no./plant	
Dekalb DKC38-04	88	154	3.7	5.0	5.8	8.4
Dekalb DKC38-04	88	168	6.0	8.5	8.5	22.7
Dekalb DKC38-04	88	182	10.0	13.7	15.0	54.2
Dekalb DKC38-04	88	198	15.0	16.5	17.8	110.3
Dekalb DKC38-04	88	212	17.7	17.7	17.7	106.7
Pioneer P8906HR	89	154	3.3	5.3	5.8	7.5
Pioneer P8906HR	89	168	6.2	8.8	10.0	22.8
Pioneer P8906HR	89	182	10.0	14.0	15.3	56.5
Pioneer P8906HR	89	198	15.7	16.0	17.3	115.7
Pioneer P8906HR	89	212	17.5	17.5	17.5	113.8
Carhart's CR8992VT3P	90	154	3.3	4.5	5.3	6.6
Carhart's CR8992VT3P	90	168	6.2	8.3	9.8	20.7
Carhart's CR8992VT3P	90	182	9.8	12.5	14.3	52.7
Carhart's CR8992VT3P	90	198	16.5	17.0	17.7	110.2
Carhart's CR8992VT3P	90	212	18.3	18.3	18.3	105.5
NuTech/G2 5X-894	94	154	3.2	4.8	5.5	9.0
NuTech/G2 5X-894	94	168	6.0	8.2	9.3	22.7
NuTech/G2 5X-894	94	182	9.2	13.5	15.2	54.8
NuTech/G2 5X-894	94	198	15.7	17.0	17.5	114.5
NuTech/G2 5X-894	94	212	17.8	17.8	17.8	110.5
Legacy Seeds L3610VT3P	95	154	3.0	4.5	5.2	8.0
Legacy Seeds L3610VT3P	95	168	6.0	8.0	9.0	21.9
Legacy Seeds L3610VT3P	95	182	9.2	12.8	14.2	49.8
Legacy Seeds L3610VT3P	95	198	15.2	15.8	17.0	105.5
Legacy Seeds L3610VT3P	95	212	17.2	17.2	17.2	106.3
Pioneer P9910AM1	99	154	3.2	4.2	4.8	6.4
Pioneer P9910AM1	99	168	5.7	8.0	9.0	19.3
Pioneer P9910AM1	99	182	9.2	12.7	14.0	48.2
Pioneer P9910AM1	99	198	15.3	16.7	17.5	114.0
Pioneer P9910AM1	99	212	19.2	19.2	19.2	115.8
FS InVision 53TV4	103	154	3.0	4.3	4.8	7.1
FS InVision 53TV4	103	168	5.8	8.0	9.2	19.3
FS InVision 53TV4	103	182	9.0	12.3	14.0	48.7
FS InVision 53TV4	103	198	15.7	16.5	17.3	113.7
FS InVision 53TV4	103	212	19.0	19.0	19.0	120.5
Pioneer P0453HR	104	154	3.0	4.3	5.2	6.7
Pioneer P0453HR	104	168	5.3	7.8	8.8	19.1
Pioneer P0453HR	104	182	9.0	11.8	13.3	48.2
Pioneer P0453HR	104	198	15.3	15.7	16.7	103.7
Pioneer P0453HR	104	212	18.7	18.7	18.7	116.7

continued

Table: 1301-02. Determining Corn Hybrid Maturity - Comparison of Hybrids.
 (continued) **Arlington, WI - 2013.**

Hybrid	Relative maturity	Day of year	Leaf Development			Plant height inches
			Leaf collars no./plant	Hail adjusters method no./plant	Total leaves no./plant	
Dekalb DKC55-09	105	154	3.2	4.2	5.0	6.5
Dekalb DKC55-09	105	168	6.0	8.2	9.5	17.7
Dekalb DKC55-09	105	182	9.5	12.3	14.3	46.0
Dekalb DKC55-09	105	198	16.7	17.5	18.3	109.5
Dekalb DKC55-09	105	212	19.8	19.8	19.8	116.5
NK Brand N61P-3000GT	107	154	3.0	4.8	4.8	8.2
NK Brand N61P-3000GT	107	168	5.2	7.5	8.5	20.7
NK Brand N61P-3000GT	107	182	8.7	12.2	13.5	49.5
NK Brand N61P-3000GT	107	198	15.0	16.2	17.2	109.8
NK Brand N61P-3000GT	107	212	19.0	19.0	19.0	118.7
Cornelius C594VT3P	109	154	3.2	4.7	4.7	6.2
Cornelius C594VT3P	109	168	5.8	8.2	9.3	19.1
Cornelius C594VT3P	109	182	16.0	11.3	13.3	42.0
Cornelius C594VT3P	109	198	15.5	16.0	17.3	109.2
Cornelius C594VT3P	109	212	19.7	19.7	19.7	120.2
Renk RK930VT3P	115	154	3.0	4.3	5.2	6.4
Renk RK930VT3P	115	168	5.7	8.0	9.2	18.8
Renk RK930VT3P	115	182	15.0	11.5	13.2	45.5
Renk RK930VT3P	115	198	15.2	16.5	17.5	107.3
Renk RK930VT3P	115	212	19.8	19.8	19.8	123.8
Dekalb DKC69-40VT3	119	154	3.0	4.2	5.2	6.2
Dekalb DKC69-40VT3	119	168	5.5	7.7	8.8	18.4
Dekalb DKC69-40VT3	119	182	8.7	11.5	13.2	45.7
Dekalb DKC69-40VT3	119	198	14.8	16.0	17.2	103.5
Dekalb DKC69-40VT3	119	212	19.8	19.8	19.8	115.7
Mean			10.7	12.0	12.8	59.4
Probability(%)						
Hybrid (H)			51.6	0.0	0.0	0.0
Day Of Year (D)			0.0	0.0	0.0	0.0
H x D			13.1	0.0	0.0	0.0
LSD(0.10)						
Hybrid (H)			NS	0.3	0.3	2.3
Day Of Year (D)			0.9	0.2	0.2	1.3
H x D			NS	0.7	0.7	5.2

FIELD EXPERIMENT HISTORY

Title: Corn Hybrid Growth and Development
Experiment: 01GD **Trial ID:** 3548 **Year:** 2013
Personnel: J.G. Lauer, K.D. Kohn, and T. Diallo
Location: Lancaster, WI **County:** Grant
Supported By: HATCH

Site Information

Field: **Previous Crop:** Soybean **Soil Type:** Fayette Silt Loam
Soil Test: **Date:** 10/01/13 **pH:** 6.8 **OM (%)** 2.1 **P (ppm)** 22 **K (ppm)** 94

Plot Management

Tillage Operations: Chisel Plow Turbo-Till Cultivated 6/20/13
Fertilizer: **Preplant Analysis:** 46-0-0 **Rate lbs/A:** 125 lbs/A **Date:** N/A
Starter Analysis: 10-34-0 **Rate lbs/A:** 3.0 gal/A **Date:** 5/14/13
Post plant Analysis: N/A **Rate lbs/A:** N/A **Date:** N/A
Manure: N/A
Herbicide: Lumax 3.0 qt/A **Insecticide:** Force 4.4 lbs/A
Hybrid: Factor
Irrigation: None
Planting Date: 5/14/13 **Planting Depth:** 1.5" **Row Width:** 30"
Target Plant Density: 32000 plants per acre **Planting Method:** Almaco Precision Planter
Harvest Date: 10/16/13 **Harvest Method:** Massey 8XP

Notes:

Experimental Design

Design: RCB **Replications:** 3
Plot Size Seeded: 10' x 25' **Experiment Size:** 0.28 Acre
Harvest Plot Size: 2.5' x 22' **Harvest Plant Density:** 31398 plants per acre

Factors/Treatments:

Hybrids:

- | | |
|---------------------------|--------------------------|
| 1) Dekalb DKC29-79 | 9) Pioneer P9910AM1 |
| 2) Mycogen 2R158 | 10) FS InVision 53TV4 |
| 3) Lemke 2027-3000GT | 11) Pioneer P0453HR |
| 4) Dekalb DKC38-04 | 12) Dekalb DKC55-09 |
| 5) Pioneer P8906HR | 13) NK Brand N61P-3000GT |
| 6) Carhart's CR8992VT3P | 14) Cornelius C594VT3P |
| 7) NuTech/G2 5X-894 | 15) Renk RK930VT3P |
| 8) Legacy Seeds L3610VT3P | 16) Dekalb DKC69-40VT3 |
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Results: Table 1301-03.

**Table: 1301-03. Determining Corn Hybrid Maturity - Comparison of Hybrids.
Lancaster, WI - 2013.**

Hybrid	Relative maturity	Harvest density plants/A	Grain yield bu/A	Grain moisture %	Test weight lb/bu	Lodged			Return \$/A
						Total %	Stalk %	Root %	
Carhart's CR8992VT3P	90	32689	185	15.8	57	0	0	0	702
NuTech/G2 5X-894	94	31889	179	16.2	58	6	6	0	680
Legacy Seeds L3610VT3P	95	31742	202	17.0	57	4	4	1	764
Pioneer P9910AM1	99	30176	214	17.0	56	0	0	0	811
FS InVision 53TV4	103	29419	189	16.6	57	1	1	0	714
Pioneer P0453HR	104	30050	217	18.8	55	1	1	0	812
Dekalb DKC55-09	105	31439	219	20.0	56	0	0	0	816
NK Brand N61P-3000GT	107	31439	222	21.2	51	3	3	0	821
Cornelius C594VT3P	109	31510	234	21.7	55	2	2	0	862
Renk RK930VT3P	115	32070	205	25.1	53	0	0	0	740
Dekalb DKC69-40VT3	119	32954	215	27.7	53	0	0	0	766
Mean		31398	207	19.7	55	2	2	0	772
<u>Probability(%)</u>									
Hybrid (H)		17.4	11.9	0.0	0.0	1.8	4.4	46.1	18.4
<u>LSD(0.10)</u>									
Hybrid (H)		NS	NS	1.3	1	2	3	NS	NS

FIELD EXPERIMENT HISTORY

Title: Corn Hybrid Growth and Development
Experiment: 01GD **Trial ID:** 3542 **Year:** 2013
Personnel: J.G. Lauer, K.D. Kohn, and T. Diallo
Location: Seymour, WI **County:** Outagamie
Supported By: HATCH

Site Information

Field: **Previous Crop:** Soybean **Soil Type:** Onaway Silt Loam
Soil Test: **Date:** 10/1 /13 **pH:** 7.5 **OM (%)** 2.7 **P (ppm)** 41 **K (ppm)** 132

Plot Management

Tillage Operations: Chisel Plow Field Cultivator Cultivated
Fertilizer: **Preplant Analysis:** 46-0-0 **Rate lbs/A:** 150 lbs/A **Date:** N/A
Starter Analysis: 10-34-0 **Rate lbs/A:** 3.0 gal/A **Date:** 5 /15/13
Post plant Analysis: 46-0-0 **Rate lbs/A:** 55 lbs/A **Date:** 6 /26/13
Manure: N/A
Herbicide: Harness Xtra 1.7 qt/A **Insecticide:** None
Callisto 3.0 oz/A **Hybrid:** Factor
Irrigation: None
Planting Date: 5/15/13 **Planting Depth:** 1.5" **Row Width:** 30"
Target Plant Density: 32000 plants per acre **Planting Method:** Almaco Precision Planter
Harvest Date: 11/12/13 **Harvest Method:** Massey 8XP
Notes:

Experimental Design

Design: RCB **Replications:** 3
Plot Size Seeded: 10' x 25' **Experiment Size:** 0.28 Acre
Harvest Plot Size: 2.5' x 22' **Harvest Plant Density:** 31936 plants per acre

Factors/Treatments:

Hybrids:

- | | |
|---------------------------|--------------------------|
| 1) Dekalb DKC29-79 | 9) Pioneer P9910AM1 |
| 2) Mycogen 2R158 | 10) FS InVision 53TV4 |
| 3) Lemke 2027-3000GT | 11) Pioneer P0453HR |
| 4) Dekalb DKC38-04 | 12) Dekalb DKC55-09 |
| 5) Pioneer P8906HR | 13) NK Brand N61P-3000GT |
| 6) Carhart's CR8992VT3P | 14) Cornelius C594VT3P |
| 7) NuTech/G2 5X-894 | 15) Renk RK930VT3P |
| 8) Legacy Seeds L3610VT3P | 16) Dekalb DKC69-40VT3 |
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Results: Table 1301-04.

**Table: 1301-04. Determining Corn Hybrid Maturity - Comparison of Hybrids.
Seymour, WI - 2013.**

Hybrid	Relative maturity	Harvest density plants/A	Grain yield bu/A	Grain moisture %	Test weight lb/bu	Lodged			Return \$/A
						Total %	Stalk %	Root %	
Mycogen 2R158	83	31565	204	20.7	56	0	0	0	757
Lemke 2027-3000GT	85	30555	234	20.4	55	0	0	0	870
Dekalb DKC38-04	88	32323	219	22.1	54	0	0	0	807
Pioneer P8906HR	89	31060	223	21.1	56	0	0	0	825
Carhart's CR8992VT3P	90	32702	234	22.0	53	0	0	0	861
NuTech/G2 5X-894	94	33333	230	22.5	53	0	0	0	844
Legacy Seeds L3610VT3P	95	33712	232	22.9	50	0	0	0	851
Pioneer P9910AM1	99	31313	217	25.2	50	0	0	0	785
FS InVision 53TV4	103	31691	215	28.5	51	0	0	0	765
Pioneer P0453HR	104	27020	240	28.8	51	0	0	0	849
Dekalb DKC55-09	105	33080	230	30.0	51	0	0	0	810
NK Brand N61P-3000GT	107	32197	223	32.1	48	0	0	0	775
Cornelius C594VT3P	109	33712	240	31.2	51	0	0	0	838
Renk RK930VT3P	115	31565	221	36.1	50	0	0	0	750
Dekalb DKC69-40VT3	119	33207	216	34.6	49	0	0	0	740
Mean		31936	225	26.6	52	0	0	0	808
<u>Probability(%)</u>									
Hybrid (H)		0.0	48.0	0.0	0.0	54.2	47.9	47.9	23.8
<u>LSD(0.10)</u>									
Hybrid (H)		1932	NS	1.2	2	NS	NS	NS	NS

FIELD EXPERIMENT HISTORY

Title: Corn Hybrid Growth and Development
Experiment: 01GD **Trial ID:** 3662 **Year:** 2013
Personnel: J.G. Lauer, K.D. Kohn, and T. Diallo
Location: Valders, WI **County:** Manitowoc
Supported By: HATCH

Site Information

Field: **Previous Crop:** Wheat **Soil Type:** Silt Loam
Soil Test: **Date:** 10/1 /13 **pH:** 7.2 **OM (%)** 3.4 **P (ppm)** 31 **K (ppm)** 118

Plot Management

Tillage Operations: Chisel Plow Field Cultivator Cultivated
Fertilizer: **Preplant Analysis:** N/A **Rate lbs/A:** N/A **Date:** N/A
Starter Analysis: 10-34-0 **Rate lbs/A:** 3.0 gal/A **Date:** 5 /16/13
Post plant Analysis: 46-0-0 **Rate lbs/A:** 55 lbs/A **Date:** 6 /26/13
Manure: 10,000 gallon
Herbicide: Steadfast 1.0 oz/A **Insecticide:** Force 3G 4.4 lbs/A
Callisto 3.0 oz/A **Hybrid:** Factor
Atrazine 0.25 lb/A
Irrigation: None
Planting Date: 5/16/13 **Planting Depth:** 1.5" **Row Width:** 30"
Target Plant Density: 32000 plants per acre **Planting Method:** Almaco Precision Planter
Harvest Date: 10/22/13 **Harvest Method:** Massey 8XP
Notes:

Experimental Design

Design: RCB **Replications:** 3
Plot Size Seeded: 10' x 25' **Experiment Size:** 0.28 Acre
Harvest Plot Size: 5' x 22' **Harvest Plant Density:** 32744 plants per acre
Factors/Treatments:

Hybrids:

- | | |
|---------------------------|--------------------------|
| 1) Dekalb DKC29-79 | 9) Pioneer P9910AM1 |
| 2) Mycogen 2R158 | 10) FS InVision 53TV4 |
| 3) Lemke 2027-3000GT | 11) Pioneer P0453HR |
| 4) Dekalb DKC38-04 | 12) Dekalb DKC55-09 |
| 5) Pioneer P8906HR | 13) NK Brand N61P-3000GT |
| 6) Carhart's CR8992VT3P | 14) Cornelius C594VT3P |
| 7) NuTech/G2 5X-894 | 15) Renk RK930VT3P |
| 8) Legacy Seeds L3610VT3P | 16) Dekalb DKC69-40VT3 |

Results: Table 1301-05.

**Table: 1301-05. Determining Corn Hybrid Maturity - Comparison of Hybrids.
Valders, WI - 2013.**

Hybrid	Relative maturity	Harvest density plants/A	Grain yield bu/A	Grain moisture %	Test weight lb/bu	Lodged			Return \$/A
						Total %	Stalk %	Root %	
Mycogen 2R158	83	32765	198	28.1	52	0	0	0	712
Lemke 2027-3000GT	85	31818	212	28.2	50	0	0	0	757
Dekalb DKC38-04	88	33712	217	30.9	51	0	0	0	760
Pioneer P8906HR	89	33712	234	25.0	53	0	0	0	847
Carhart's CR8992VT3P	90	32197	240	23.5	51	0	0	0	876
NuTech/G2 5X-894	94	33522	246	26.8	51	0	0	0	884
Legacy Seeds L3610VT3P	95	34090	244	28.6	52	0	0	0	865
Pioneer P9910AM1	99	31818	221	35.0	49	0	0	0	756
FS InVision 53TV4	103	33333	225	35.9	50	0	0	0	765
Pioneer P0453HR	104	29040	202	39.9	50	0	0	0	672
Dekalb DKC55-09	105	33080	227	39.0	51	0	0	0	760
NK Brand N61P-3000GT	107	31944	224	39.6	48	0	0	0	746
Cornelius C594VT3P	109	33838	233	41.4	49	0	0	0	766
Renk RK930VT3P	115	33459	183	45.7	48	0	0	0	588
Dekalb DKC69-40VT3	119	32828	190	42.6	48	0	0	0	622
Mean		32744	220	34.0	50	0	0	0	758
<u>Probability(%)</u>									
Hybrid (H)		1.0	13.1	0.0	0.0	54.2	54.2	54.2	2.7
<u>LSD(0.10)</u>									
Hybrid (H)		1871	NS	3.9	1	NS	NS	NS	137