

2013 Corn Hybrid Trials - Red Lake and Norman Co.

Cooperator: P. Kappes & Seeger Farm
Nearest Town: Ada and Red Lake Falls
Planting Date: May 16, 2013 both locations
Row Width: 30"
Harvest Date: Ada Nov. 5 & Red Lake Falls Nov. 7
Experimental Design: RCB with 4 replications

Purpose of Study:

Evaluate the performance of commercially available corn hybrids in Northwestern Minnesota.

Results:

Yield, moisture, and test weight data from 4 replications is summarized in the tables below. Yields are adjusted to 15.5% moisture. There were significant differences in moisture, test weight and yield between corn hybrids at the Ada location but no significant differences at the Red Lake Falls location.

Corn Hybrid Trials - Ada					
Company	Hybrid	RM	Moisture	TW	Yield
Channel	180-18VT2PRIB	80	18.9	56.3	174.6
Channel	183-23VT2PRIB	83	18.9	55.8	151.2
Channel	186-31VT2PRIB	86	19.1	55.6	180.5
Dahlman Seed	R39-11	78	17.2	57.8	145.1
Dahlman Seed	R42-21VT2PRIB	84	19.6	56.8	212.2
Dahlman Seed	R43-23VT2PRIB	85	21.4	56.1	200.1
Dairyland Seed Co.	6780	80	17.5	57.9	154.9
Dairyland Seed Co.	9383SSX	83	19.4	53.3	167.9
Dairyland Seed Co.	7985	85	20.1	56.1	190.2
Gold Country Seed	81-19VT2P	81	17.5	56.9	162.4
Gold Country Seed	84-75VT2P	84	18.2	56.1	189.7
Gold Country Seed	85-39VT3	85	19.3	55.0	186.8
Gold Harvest by Syngenta	G84P40-3000GT	84	19.0	55.6	157.7
Gold Harvest by Syngenta	G85A33-3220	85	20.1	55.8	179.7
Gold Harvest by Syngenta	G85L42-3110A	85	19.7	56.9	189.9
Hyland Seeds	3093	78	17.2	58.8	171.3
Hyland Seeds	8166RA	83	19.9	56.1	184.7
Hyland Seeds	8201RA	84	19.7	55.8	189.0
Integra Seeds	2803	78	16.9	57.1	158.9
Integra Seeds	9302	80	19.7	57.1	175.9
Integra Seeds	3537	85	20.5	56.4	204.2
Legend Seeds	LR9383GENSS	83	20.0	55.7	192.5
Legend Seeds	LR9384VT3P	84	20.4	56.7	192.6
Legend Seeds	LR9386VT2PRIB	86	21.1	55.6	170.2
NuTech Seeds	3A-080	80	18.9	54.0	179.9
NuTech Seeds	5N-183	83	18.2	56.3	180.8
NuTech Seeds	5B-186	86	18.6	55.1	175.6
Peterson Farm Seeds	PFS71D83	83	18.0	56.5	157.8
Peterson Farm Seeds	PFS92G84	84	18.0	56.0	182.4

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Company	Hybrid	RM	Moisture	TW	Yield
Peterson Farm Seeds	PFS75K85	85	20.1	56.0	178.2
Prairie Brand Seed	3144RA	81	18.1	55.8	136.0
Prairie Brand Seed	821GTCB	83	17.1	56.7	161.0
Prairie Brand Seed	822SX	83	18.7	53.3	192.2
Producers Hybrids	4183VT2RIB	81	18.3	56.6	179.0
Producers Hybrids	4103 VT2RIB	81	18.8	57.3	174.1
Producers Hybrids	4512RR	85	21.2	54.4	174.4
Proseed	1083VIP3220	83	18.2	55.9	168.6
Proseed	PX85VT2PB	85	19.5	57.0	147.3
Proseed	PX89VT2P	89	20.7	54.7	202.6
REA Hybrids	2B830-RIB	83	20.2	56.8	189.2
REA Hybrids	2V550-RIB	85	19.0	54.8	187.8
REA Hybrids	2B850-RIB	85	18.7	55.9	180.1
Seeds 2000 by Nuseeds	8202VP3220	82	19.6	55.3	152.6
Seeds 2000 by Nuseeds	2852GTCELL	85	20.8	54.7	182.2
Seeds 2000 by Nuseeds	8701VT2P	87	20.9	55.7	176.0
Stine Seeds	9100RR	78	18.3	57.8	155.9
Stine Seeds	91403000RR	82	18.9	55.1	167.1
Stine Seeds	9200RR	85	18.1	53.9	171.1
Thunder Seeds Inc.	4578RR2	78	17.3	56.1	174.1
Thunder Seeds Inc.	4585RR2	85	20.5	56.0	198.3
Thunder Seeds Inc.	4387VT2P	87	18.6	54.1	181.1
Viking Brand by Northstar Gene	VS78-510RR2	78	17.4	58.0	153.8
Viking Brand by Northstar Gene	VS81-481VT2PRO	81	18.0	58.6	178.4
Viking Brand by Northstar Gene	VS86-536VT2PRO	86	19.3	56.3	195.4
Wensman Seed Co.	8082	82	17.9	56.3	150.2
Wensman Seed Co.	8083	83	18.2	57.0	188.5
Wensman Seed Co.	8085	85	18.4	55.3	192.7
	Mean		19.0	56.0	176.3
	CV		4.1	0.8	7.7
	LSD 0.2		1.1	0.8	21.4

Corn Hybrid Trials - Red Lake Falls					
Company	Hybrid	RM	Moisture	TW	Yield
Integra Seeds	2803	78	19.8	55.7	166.4
Gold Harvest by Syngenta	G85A33-3220	85	21.6	54.5	152.5
Thunder Seeds Inc.	4585RR2	85	20.0	56.1	154.7
Channel	183-23VT2PRIB	83	19.3	55.8	157.1
Dairyland Seed Co.	9383SSX	83	19.7	55.0	160.4
Thunder Seeds Inc.	4578RR2	78	21.5	55.1	154.3
Thunder Seeds Inc.	4387VT2P	87	18.5	56.2	150.0
Proseed	1083VIP3220	83	18.5	57.4	153.7
Hyland Seeds	8166RA	83	20.2	55.8	170.4
Wensman Seed Co.	8082	82	20.9	55.6	167.6
Hyland Seeds	3093	78	19.0	56.8	167.5
Legend Seeds	LR9384VT3P	84	20.2	55.4	157.1

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REA Hybrids	2B850-RIB	85	20.9	54.6	155.2
Stine Seeds	9100RR	78	19.4	56.2	160.7
Gold Country Seed	85-39VT3	85	21.2	54.2	164.2
NuTech Seeds	3A-080	80	20.2	54.5	167.3
Dahlman Seed	R42-21VT2PRIB	84	19.2	56.0	159.2
Producers Hybrids	4103 VT2RIB	81	19.5	55.6	156.9
Gold Country Seed	84-75VT2P	84	20.0	54.8	153.8
Proseed	PX89VT2P	89	20.8	55.3	185.6
Viking Brand by Northstar Gene	VS86-536VT2PRO	86	20.3	55.8	157.0
Prairie Brand Seed	3144RA	81	19.6	55.6	166.5
Peterson Farm Seeds	PFS75K85	85	20.5	55.0	176.1
Prairie Brand Seed	822SX	83	20.1	55.2	172.3
Producers Hybrids	4512RR	85	21.4	54.9	160.0
Wensman Seed Co.	8083	83	19.9	55.6	157.9
NuTech Seeds	5N-183	83	20.3	54.9	152.9
Viking Brand by Northstar Gene	VS81-481VT2PRO	81	19.2	56.6	141.5
Producers Hybrids	4183VT2RIB	81	19.7	56.3	154.4
Stine Seeds	9200RR	85	22.3	54.2	157.1
Seeds 2000 by Nuseeds	2852GTCBLL	85	22.3	53.6	161.6
Legend Seeds	LR9386VT2PRIB	86	21.9	53.6	153.5
Stine Seeds	91403000RR	82	20.3	55.6	166.0
Proseed	PX85VT2PB	85	20.6	55.1	161.0
Channel	186-31VT2PRIB	86	21.2	54.0	148.5
REA Hybrids	2V550-RIB	85	20.8	54.5	155.7
REA Hybrids	2B830-RIB	83	20.4	54.6	188.9
Seeds 2000 by Nuseeds	8202VP3220	82	20.6	54.7	152.1
Seeds 2000 by Nuseeds	8701VT2P	87	18.7	55.7	144.7
Gold Country Seed	81-19VT2P	81	18.4	56.6	143.2
Integra Seeds	9302	80	22.0	55.2	153.0
Channel	180-18VT2PRIB	80	19.8	55.2	142.5
Dahlman Seed	R39-11	78	20.4	54.3	138.9
Prairie Brand Seed	821GTGB	83	20.0	56.6	159.6
Dairyland Seed Co.	6780	80	20.1	55.1	169.8
Peterson Farm Seeds	PFS71D83	83	19.3	56.2	155.0
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	Mean		20.2	55.3	159.7
	CV		4.9	1.5	7.3
	LSD 0.2		NS	NS	NS

For Additional Information: Jeff Coulter, Univ. of MN Extension and Russ Severson