

## FIELD EXPERIMENT HISTORY

**Title:** Corn - Soybean Response to Tillage and Rotation  
**Experiment:** 19Systems **Trial ID:** 5966 **Year:** 2015  
**Personnel:** J.G. Lauer, T. Diallo and K.D. Kohn  
**Location:** Arlington, WI **County:** Columbia  
**Supported By:** HATCH

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### Site Information

**Field:** ARS:336 **Previous Crop:** See factors **Soil Type:** Plano Silt Loam  
**Soil Test:** **Date:** 11/1 /14 **pH:** 6.4 **OM (%)** 2.8 **P (ppm)** 26 **K (ppm)** 131

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### Plot Management

**Tillage Operations:** CT & NT CIH Field Cultivator (CT)

<b>Fertilizer:</b>	<u>Analysis:</u>	<u>Rate lbs/A:</u>	<u>Date:</u>
Preplant :	N/A	N/A	N/A
Starter :	N/A	N/A	N/A
Post plant :	28-0-0	See factors	6 /10/15
Manure:	N/A	N/A	N/A

**Herbicide:** Medal II EC @ 24 oz/a 4/28/25 **Insecticide:** N/A  
 Radar LV @ 16 oz/a 4/28/15 **Hybrid:** C: 1) RR: P9910  
 Roundup PowerMAX @ 22 oz/a 4/28/15 2) SS: DKC47-35  
 Durango DMA @ 22 oz/a 6/17/15 S: RR: SS22S1

**Irrigation:** None

**Planting Date:** C & S : 5/22/15

**Planting Depth:** 1.5"

**Target Plant Density:** See Factors

**Row Width:** 35"

**Harvest Date:** C: 10/27/15

**Planting Method:** JD1700 w RTK

**Notes:** S: 10/19/15

**Harvest Method:** C: MF 8XP Combine  
S: Almaco combine

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### Experimental Design

**Design:** FracRep: split-split-plot

**Replications:** 1

**Plot Size Seeded:** MP: 10' x 35'

**Experiment Size:** 1.2

**Harvest Plot Size:** C & S : 5' x 31

**Harvest Plant Density:** See Factors

### Factors/Treatments:

**Tillage:**  
 1) No-Till  
 2) Conventional

**Rotation:**  
 1) CC  
 2) CS

**Nitrogen Rate:**  
 1-160 lbs/A  
 2-210 lbs/A

**Fungicide:**  
 1) UTC  
 2) Priaxor 8.0 oz/A

**Plant Density:**  
 1-32000 Plants/A  
 2-42000 Plants/A

**Genotype:**  
 1-G2 5H-399(RR)  
 2-Dekalb DKC53-78RIB(GENSS)

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**Results: Table 1519-01**

Table : 1519 -01 . Multi-factor effects for continuous and Rotated corn.

## Arlington, WI - 2015.

Tillage	Rotation	Genotype	Plant Density plants/A	N rate lbs/A	Fungicide	Grain yield bu/A	Grain moisture %	Test weight lbs	Lodged			Harvest density plants/A	*AGI \$3.44/bu \$
									Total %	Stalk %	Root %		
					Priaxor	192	20.9	55.4	6	5	0	35656	596
					UTC	199	21.0	55.5	5	5	0	36664	616
				160		195	21.0	55.5	6	6	0	35572	605
				160	Priaxor	193	21.0	55.3	6	6	0	35375	598
				160	UTC	197	21.0	55.6	6	6	0	35769	612
				210		196	20.9	55.5	5	4	0	36748	607
				210	Priaxor	191	20.7	55.6	5	5	0	35938	595
				210	UTC	200	21.0	55.4	4	4	0	37559	620
			34K			191	20.7	55.7	6	6	0	34477	593
			34K		Priaxor	188	20.8	55.7	8	7	0	34188	583
			34K		UTC	194	20.6	55.7	5	5	0	34766	604
			34K	160		191	20.7	55.6	8	8	0	33332	592
			34K	210		191	20.7	55.8	5	5	0	35622	594
			42K			200	21.2	55.3	4	4	0	37844	619
			42K		Priaxor	197	20.9	55.2	3	3	0	37125	610
			42K		UTC	203	21.4	55.3	5	5	0	38563	628
			42K	160		200	21.3	55.3	4	4	0	37813	618
			42K	210		200	21.1	55.2	4	4	0	37875	620
		P 9910 (RR)				200	19.8	56.0	8	8	0	37916	624
		P 9910 (RR)			Priaxor	197	19.6	55.9	10	9	0	38188	615
		P 9910 (RR)			UTC	203	19.9	56.0	7	7	0	37644	634
		P 9910 (RR)		160		197	19.7	56.1	10	10	0	36394	615
		P 9910 (RR)		210		203	19.9	55.8	7	7	0	39438	634
		P 9910 (RR)	34K			196	19.5	56.1	10	10	0	37457	613
		P 9910 (RR)	42K			204	20.1	55.8	7	7	0	38375	636
		DKC47-35 (SS)				191	22.1	55.0	2	2	0	34405	588
		DKC47-35 (SS)			Priaxor	188	22.1	55.0	1	1	0	33125	578
		DKC47-35 (SS)			UTC	194	22.1	55.1	3	3	0	35684	598
		DKC47-35 (SS)		160		193	22.3	54.9	2	2	0	34750	595
		DKC47-35 (SS)		210		188	21.9	55.2	2	2	0	34059	581
		DKC47-35 (SS)	34K			186	21.9	55.3	3	3	0	31497	573
		DKC47-35 (SS)	42K			196	22.3	54.8	2	2	0	37313	603
	CC					181	21.3	55.0	4	4	0	35385	559
	CC				Priaxor	175	21.1	54.9	3	3	0	35313	542
	CC				UTC	186	21.5	55.0	5	5	0	35457	576

continue

**Table : 1519-01 . Multi-factor effects for continuous and Rotated corn.**

(continued)

**Arlington, WI - 2015.**

Tillage	Rotation	Genotype	Plant	N	Fungicide	Grain	Grain	Test	Lodged			Harvest	*AGI
			Density	rate		yield	moisture	weight	Total	Stalk	Root	density	\$3.44/bu
			plants/A	lbs/A				lbs	%	%	%	plants/A	\$
	CC			160		178	21.5	54.8	4	4	0	35019	550
	CC			210		183	21.1	55.1	4	4	0	35750	568
	CC		34K			181	20.9	55.3	5	5	0	34644	560
	CC		42K			181	21.7	54.6	3	3	0	36125	558
	CC	P 9910 (RR)				190	20.2	55.4	6	6	0	37769	592
	CC	DKC47-35 (SS)				171	22.5	54.5	2	2	0	33000	526
	CS					210	20.5	56.0	7	6	0	36936	653
	CS				Priaxor	209	20.6	56.0	8	8	0	36000	651
	CS				UTC	211	20.5	56.1	5	5	0	37872	656
	CS			160		212	20.5	56.1	8	8	0	36125	659
	CS			210		208	20.6	56.0	5	5	0	37747	647
	CS		34K			201	20.4	56.2	8	8	0	34309	626
	CS		42K			219	20.6	55.9	5	5	0	39563	681
	CS	P 9910 (RR)				210	19.4	56.5	11	11	0	38063	657
	CS	DKC47-35 (SS)				211	21.7	55.5	2	2	0	35809	650
CT						203	20.0	56.4	9	8	0	36022	635
CT					Priaxor	203	20.0	56.4	10	9	0	35652	634
CT					UTC	204	20.0	56.5	8	8	0	36392	635
CT				160		203	20.1	56.5	10	9	0	34767	633
CT				210		204	20.0	56.4	8	8	0	37277	636
CT			34K			198	19.7	56.5	11	11	0	34330	617
CT			42K			209	20.3	56.4	6	6	0	37714	652
CT		P 9910 (RR)				206	18.9	56.9	14	14	0	37392	648
CT		DKC47-35 (SS)				200	21.1	56.0	3	3	0	34652	621
CT	CC					191	20.3	56.1	6	6	0	35767	596
CT	CS					216	19.8	56.8	11	11	0	36277	673
NT						187	21.9	54.5	2	2	0	36298	578
NT					Priaxor	181	21.7	54.5	2	2	0	35661	559
NT					UTC	194	22.0	54.6	2	2	0	36936	597
NT				160		187	21.9	54.4	2	2	0	36377	577
NT				210		188	21.8	54.7	1	1	0	36220	579
NT			34K			184	21.6	54.9	2	2	0	34623	569
NT			42K			190	22.1	54.2	2	2	0	37973	587
NT		P 9910 (RR)				193	20.6	55.1	3	3	0	38439	600
NT		DKC47-35 (SS)				181	23.1	54.0	1	1	0	34157	555
NT	CC					170	22.4	53.9	2	2	0	35002	522
NT	CS					205	21.3	55.2	2	2	0	37595	633
Mean						195	20.9	55.5	5	5	0	36160	606

continue

**Table: 1415-01 . Multi-factor effects for continuous and Rotated corn.**(continued) **Arlington, WI - 2015.**

Tillage Rotation	Genotype	Plant	N	Grain	Grain	Test	Lodged			Harvest	*AGI	
		Density	rate				Fungicide	yield	moisture			weight
		plants/A	lbs/A		bu/A	%	lbs	%	%	%	plants/A	\$
Mean				195	20.9	55.5	5.3	5.2	0.1	36160	651	
<b>Probability(%)</b>												
Fungicide				18.9	56.4	65.7	63	70	7	34	20.1	
Genotype				7.4	0.0	0.0	0	0	7	0	1.9	
Genotype*Fungicide				96.7	61.2	79.7	19	21	12	15	95.2	
Genotype*NRate				26.5	27.9	19.5	43	41	85	8	28.2	
Genotype*PD				87.6	67.8	68.6	43	48	6	2	84.3	
NRate				90.7	60.8	84.9	32	31	81	26	86.8	
NRate*Fungicide				69.1	43.9	27.6	67	65	99	56	73.1	
PD				7.5	8.2	3.7	12	13	10	0	8.9	
PD*Fungicide				99.0	20.8	80.6	19	20	9	69	91.5	
PD*NRate				100.0	72.8	45.0	44	43	73	30	99.4	
Rotation				0.0	0.6	0.0	8	9	9	14	0.0	
Rotation*Fungicide				34.8	47.8	88.9	7	8	6	42	35.7	
Rotation*Genotype				5.4	90.2	73.8	5	5	9	24	5.7	
Rotation*NRate				37.2	32.0	35.9	50	48	86	68	33.8	
Rotation*PD				8.2	30.8	40.8	66	72	12	8	6.7	
Tillage				0.2	0.0	0.0	0	0	10	79	0.0	
Tillage*Fungicide				21.9	72.6	84.7	46	51	10	80	22.4	
Tillage*Genotype				57.1	54.6	61.0	0	0	10	46	55.5	
Tillage*NRate				98.8	91.8	39.2	75	74	93	21	97.8	
Tillage*PD				58.0	84.8	11.7	11	12	7	99	58.5	
Tillage*Rotation				29.4	29.1	13.4	8	9	7	32	27.6	
<b>LSD(0.10)</b>												
Fungicide				NS	NS	NS	NS	NS	0.2	NS	NS	
Genotype				8	0.5	0.3	2.4	2.3	0.2	1749	27	
Genotype*Fungicide				NS	NS	NS	NS	NS	NS	NS	NS	
Genotype*NRate				NS	NS	NS	NS	NS	NS	2486	NS	
Genotype*PD				NS	NS	NS	NS	NS	0.2	2486	NS	
NRate				NS	NS	NS	NS	NS	NS	NS	27	
NRate*Fungicide				NS	NS	NS	NS	NS	NS	NS	NS	
PD				8	0.5	0.4	NS	NS	NS	1755	NS	
PD*Fungicide				NS	NS	NS	NS	NS	0.2	NS	NS	
PD*NRate				NS	NS	NS	NS	NS	0.2	NS	NS	
Rotation				8	0.5	0.3	2.4	2.3	0.2	NS	27	
Rotation*Fungicide				NS	NS	NS	3.4	3.3	0.2	NS	NS	
Rotation*Genotype				NS	NS	NS	3.4	3.3	0.2	NS	38	
Rotation*NRate				NS	NS	NS	NS	NS	NS	NS	NS	
Rotation*PD				12	NS	NS	NS	NS	NS	2486	38	
Tillage				8	0.4	0.3	2.4	2.3	0.1	NS	27	
Tillage*Fungicide				NS	NS	NS	NS	NS	0.2	NS	NS	
Tillage*Genotype				NS	NS	NS	3.4	3.2	0.2	NS	NS	
Tillage*NRate				NS	NS	NS	NS	NS	NS	NS	NS	
Tillage*PD				NS	NS	NS	NS	NS	0.2	NS	NS	
Tillage*Rotation				NS	NS	NS	3.4	3.2	0.2	NS	NS	

\*AGI: Adjusted Gross Income

## FIELD EXPERIMENT HISTORY

**Title:** Multi-factor effects for continuous corn  
**Experiment:** 19Systems **Trial ID:** 5965 **Year:** 2015  
**Personnel:** J.G. Lauer, T. Diallo and K.D. Kohn  
**Location:** Arlington, WI **County:** Columbia  
**Supported By:** HATCH

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### Site Information

**Field:** ARS336 **Previous Crop:** See factors **Soil Type:** Plano Silt Loam  
**Soil Test:** **Date:** 11/1 /14 **pH:** 6.4 **OM (%)** 2.8 **P (ppm)** 26 **K (ppm)** 131

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### Plot Management

**Tillage Operations:** CT & NT CIH Field Cultivator (CT)

<b>Fertilizer:</b>	<u>Analysis:</u>	<u>Rate lbs/A:</u>	<u>Date:</u>
Preplant :	N/A	N/A	N/A
Starter :	N/A	N/A	N/A
Post plant :	28-0-0	See factors	6 /10/15
Manure:	N/A	N/A	N/A

**Herbicide:** Medal II EC @ 24 oz/a 4/28/15 **Insecticide:** N/A  
 Radar LV @ 16 oz/a 4/28/15 **Hybrid:** 1) RR: P9910  
 Roundup PowerMAX @ 22 oz/a 4/28/15 2) SS: DKC47-35  
 Durango DMA @ 22 oz/a 6/17/15

**Irrigation:** None

**Planting Date:** C & S : 5/22/15

**Planting Depth:** 1.5"

**Target Plant Density:** See Factors

**Row Width:** 35"

**Harvest Date:** 10/27/15

**Planting Method:** JD1700 w RTK

**Notes:** Liebig Mix used in 2012.

**Harvest Method:** MF 8XP combine

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### Experimental Design

**Design:** FracRep: split-split-plot

**Replications:** 1

**Plot Size Seeded:** MP: 10' x 35'

**Experiment Size:** 0.5 Ac

**Harvest Plot Size:** 5' x 31

**Harvest Plant Density:** See Factors

### Factors/Treatments:

**Tillage:**  
 1) No-Till  
 2) Conventional

**Liebig's Mix:**  
 1) UTC  
 2) 0 lb/A

**Nitrogen Rate:**  
 1-160 lbs/A  
 2-210 lbs/A

**Fungicide:**  
 1) UTC  
 2) Priaxor 8.0 oz/A

**Plant Density:**  
 1-32000 Plants/A  
 2-42000 Plants/A

**Genotype:**  
 1-G2 5H-399(RR)  
 2-Dekalb DKC53-78RIB(GENSS)

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**Results: Table 1519-02**

Table : 15 19 -02 . Multi-factor effects for continuous corn.

## Arlington, WI - 2015

Tillage	Genotype	Plant	N	*Fertilizer		Grain	Grain	Test	Lodged			Harvest	AGI
		Density	rate	Liebig Mix	Fungicide	yield	moisture	weight	Total	Stalk	Root	density	\$3.44/bu
		plants/A	lbs/A			bu/A	%	lbs	%	%	%	plants/A	\$
					Priaxor	185	21.4	55.4	4	4	0	34401	571
					UTC	180	21.0	55.5	8	8	0	35026	558
					LM	189	21.4	55.4	4	4	0	35081	586
					LM Priaxor	190	21.5	55.4	4	4	0	34935	588
					LM UTC	189	21.3	55.4	4	4	0	35227	584
					UTC	175	21.0	55.5	8	8	0	34346	543
					UTC Priaxor	179	21.3	55.5	3	4	0	33867	554
					UTC UTC	171	20.8	55.5	13	12	0	34826	532
		160				178	21.1	55.6	6	5	0	34721	553
		160			Priaxor	179	21.5	55.4	4	4	0	34867	554
		160			UTC	178	20.7	55.8	7	6	0	34576	552
		160			LM	188	21.2	55.6	4	4	0	35625	584
		160			UTC	168	21.1	55.6	7	6	0	33818	522
		210				186	21.3	55.3	7	7	0	34706	576
		210			Priaxor	190	21.3	55.5	3	3	0	33935	589
		210			UTC	182	21.4	55.1	10	10	0	35477	564
		210			LM	190	21.7	55.2	4	4	0	34536	588
		210			UTC	182	21.0	55.4	10	10	0	34875	564
		34K				185	21.1	55.4	6	5	0	34534	573
		34K			Priaxor	190	21.4	55.5	3	3	0	33992	588
		34K			UTC	180	20.9	55.3	9	8	0	35076	557
		34K			LM	185	21.1	55.3	4	4	0	33750	574
		34K			UTC	184	21.2	55.5	7	7	0	35318	571
		34K	160			178	21.1	55.6	7	6	0	34068	552
		34K	210			191	21.2	55.3	5	5	0	35000	593
		42K				180	21.3	55.5	7	7	0	34893	557
		42K			Priaxor	179	21.4	55.4	5	5	0	34810	555
		42K			UTC	180	21.2	55.6	8	8	0	34977	559
		42K			LM	194	21.8	55.5	4	4	0	36411	598
		42K			UTC	166	20.9	55.5	9	9	0	33375	515
		42K	160			179	21.2	55.7	4	4	0	35375	554
		42K	210			181	21.4	55.3	9	9	0	34411	559
	P 9910 (RR)					185	19.8	55.9	8	8	0	37346	577
	P 9910 (RR)				Priaxor	191	19.8	55.9	4	4	0	36742	596
	P 9910 (RR)				UTC	178	19.7	55.9	12	12	0	37951	558

continue

**Table : 15 19 -02 . Multi-factor effects for continuous corn.**(continued) **Arlington, WI - 20 15**

Tillage	Genotype	Plant	N	*Fertilizer		Grain	Grain	Test	Lodged			Harvest	AGI	
		Density	rate	Liebig	Mix	Fungicide	yield	moisture	weight	Total	Stalk	Root	density	\$3.44/bu
		plants/A	lbs/A				bu/A	%	lbs	%	%	plants/A	\$	
	P 9910 (RR)				LM		189	20.0	55.7	7	7	0	38000	591
	P 9910 (RR)				UTC		180	19.6	56.1	9	9	0	36693	563
	P 9910 (RR)		160				182	19.6	56.2	7	7	0	36943	571
	P 9910 (RR)		210				187	20.0	55.6	9	9	0	37750	583
	P 9910 (RR)	34K					187	19.6	55.8	10	10	0	39068	586
	P 9910 (RR)	42K					182	20.0	56.1	7	7	0	35625	568
	DKC47-35 (SS)						180	22.7	55.0	4	4	0	32081	552
	DKC47-35 (SS)					Priaxor	178	23.0	55.0	3	3	0	32060	546
	DKC47-35 (SS)					UTC	181	22.3	55.0	5	5	0	32102	558
	DKC47-35 (SS)				LM		189	22.8	55.1	2	2	0	32161	581
	DKC47-35 (SS)				UTC		170	22.5	54.9	7	7	0	32000	523
	DKC47-35 (SS)		160				174	22.7	55.0	4	4	0	32500	535
	DKC47-35 (SS)		210				185	22.6	55.0	5	5	0	31661	569
	DKC47-35 (SS)	34K					182	22.7	55.1	2	1	0	30000	559
	DKC47-35 (SS)	42K					178	22.6	54.9	7	7	0	34161	545
CT							206	20.1	56.2	8	7	0	34401	641
CT						Priaxor	210	20.3	56.4	5	5	0	35052	653
CT						UTC	202	20.0	56.1	11	10	0	33750	628
CT					LM		221	20.3	56.3	6	6	0	35435	686
CT					UTC		191	20.0	56.2	10	9	0	33367	595
CT			160				204	20.1	56.3	8	8	0	34117	637
CT			210				207	20.2	56.1	7	7	0	34685	644
CT		34K					208	20.1	56.2	9	9	0	35367	648
CT		42K					203	20.2	56.3	6	6	0	33435	633
CT	P 9910 (RR)						198	18.6	56.8	12	12	0	37117	623
CT	DKC47-35 (SS)						213	21.7	55.6	3	3	0	31685	658
NT							159	22.3	54.7	5	5	0	35026	489
NT						Priaxor	159	22.5	54.5	3	3	0	33750	490
NT						UTC	158	22.1	54.9	6	6	0	36302	488
NT					LM		158	22.5	54.5	3	3	0	34727	486
NT					UTC		159	22.1	54.8	7	7	0	35326	491
NT			160				152	22.2	54.9	3	3	0	35326	469
NT			210				165	22.4	54.5	7	7	0	34727	508
NT		34K					161	22.2	54.6	2	2	0	33701	497
NT		42K					156	22.4	54.7	7	7	0	36352	480
NT	P 9910 (RR)						171	21.0	55.0	4	4	0	37576	531
NT	DKC47-35 (SS)						146	23.6	54.3	6	5	0	32477	446
Mean							182	21.2	55.4	6	6	0	34714	565

continue

**Table: 1519-02 . Multi-factor effects for continuous corn.**

(continued)

**Arlington, WI - 2015**

Tillage	Genotype	Plant	N	*Fertilizer		Grain yield	Grain moisture	Test weight	Lodged			Harvest density	AGI \$3.44/bu \$
		Density plants/A	rate lbs/A	Micro	Mix				Fungicide	Total	Stalk		
Mean						182	21.2	55.4	6	6	0	34714	606
<b><u>Probability(%)</u></b>													
Fungicide						54.2	40.0	93.8	12	13	17	63.1	55.3
Genotype						53.5	0.0	0.3	21	18	44	0.1	28.4
Genotype*Fungicide						32.4	55.2	92.3	35	31	65	66.9	29.5
Genotype*Micronutrient						53.2	92.9	26.1	68	70	50	67.4	52.2
Genotype*NRate						67.3	55.2	33.9	84	87	50	54.7	63.7
Genotype*PD						97.5	53.3	37.7	19	16	50	1.1	94.0
Micronutrient						7.4	38.3	70.9	19	20	29	58.2	7.3
Micronutrient*Fungicide						69.5	69.6	85.4	14	14	19	80.7	69.9
NRate						31.8	67.6	27.9	68	61	29	99.1	32.4
NRate*Fungicide						68.5	29.3	12.1	44	37	19	50.3	62.5
NRate*Micronutrient						47.0	50.3	92.3	63	56	27	43.4	41.8
PD						52.5	69.7	72.6	70	64	29	78.7	49.3
PD*Fungicide						48.1	76.0	60.1	66	72	19	73.7	46.3
PD*Micronutrient						10.1	25.7	79.6	78	71	27	10.3	10.7
PD*NRate						48.2	93.6	99.4	31	32	27	48.9	45.5
Tillage						0.0	0.0	0.0	33	32	88	63.1	0.0
Tillage*Fungicide						65.5	95.1	22.7	67	68	71	16.8	62.9
Tillage*Genotype						1.9	51.5	43.3	8	9	6	90.3	2.0
Tillage*Micronutrient						6.2	86.9	53.2	95	95	88	33.3	5.2
Tillage*NRate						51.9	95.9	59.1	39	38	88	66.9	50.6
Tillage*PD						98.3	80.3	92.3	21	20	88	10.5	98.1
<b><u>LSD(0.10)</u></b>													
Fungicide						NS	NS	NS	NS	NS	NS	NS	NS
Genotype						NS	0.7	0.5	NS	NS	NS	2273	NS
Genotype*Fungicide						NS	NS	NS	NS	NS	NS	NS	NS
Genotype*Micronutrient						NS	NS	NS	NS	NS	NS	NS	NS
Genotype*NRate						NS	NS	NS	NS	NS	NS	NS	NS
Genotype*PD						NS	NS	NS	NS	NS	NS	3237	NS
Micronutrient						13	NS	NS	NS	NS	NS	NS	42
Micronutrient*Fungicide						NS	NS	NS	NS	NS	NS	NS	NS
NRate						NS	NS	NS	NS	NS	NS	NS	NS
NRate*Fungicide						NS	NS	NS	NS	NS	NS	NS	NS
NRate*Micronutrient						NS	NS	NS	NS	NS	NS	NS	NS
PD						NS	NS	NS	NS	NS	NS	NS	NS
PD*Fungicide						NS	NS	NS	NS	NS	NS	NS	NS
PD*Micronutrient						NS	NS	NS	NS	NS	NS	NS	NS
PD*NRate						NS	NS	NS	NS	NS	NS	NS	NS
Tillage						13	0.7	0.5	NS	NS	NS	NS	41
Tillage*Fungicide						NS	NS	NS	NS	NS	NS	NS	NS
Tillage*Genotype						19	NS	NS	7.3	7.0	0.5	NS	60
Tillage*Micronutrient						19	NS	NS	NS	NS	NS	NS	60
Tillage*NRate						NS	NS	NS	NS	NS	NS	NS	NS
Tillage*PD						NS	NS	NS	NS	NS	NS	NS	NS

\* Liebig Mix was used in 2012.

\*AGI: Adjusted Gross Income