2015 Presto, Symbiosis AGx + WakeUP corn field trial

1527 S. Union Road, Cedar Falls IA

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Plot No.	Lbs.	Moisture %	Lbs. / bu.	Strip anomaly	Treatment	Feet in 3-row strip	Harvest acres	Bu./acre at 15.5% moisture
16B	554	15.7	56.3		Presto, fish + W	345	0.059	164.4
18A	550	15.3	58.1	15 ft gap	Presto, fish + W	330	0.057	175.1
18B	472	15.9	57.9	20 ft gap	Presto, fish + W	325	0.056	146.8
20A	505	15.7	57.8		Presto, fish + W	345	0.059	149.9
21B	589	16.4	57.7		Presto, fish + W	345	0.059	167.3
22A	493	15.8	58.1		Presto, fish + W	345	0.059	145.4
25B	540	15.1	58.1		Presto, fish + W	345	0.059	166.6
26A	572	15.8	58.1	20 ft gap	Presto, fish + W	325	0.056	179.1
		Average yield of Presto with Symbiosis AGx + WakeUP in-furrow						**161.8**
					Difference from controls			**28.2**
17A	555	16.0	56.9		Presto, fish	345	0.059	161.6
17B	568	15.3	56.6	10 ft gap	Presto, fish	335	0.058	178.1
19B	526	15.2	56.9		Presto, fish	345	0.059	161.2
21A	526	17.0	57.7		Presto, fish	345	0.059	144.2
22B	492	15.4	58.0		Presto, fish	345	0.059	148.9
23B	446	15.6	58.3		Presto, fish	345	0.059	133.2
		Average yield of Presto and Symbiosis AGx in-furrow						**154.5**
					Difference from controls			**20.9**
19A	430	15.2	57.5		Control	345	0.059	131.8
20B	554	16.0	58.4		Control	345	0.059	161.3
23A	478	15.5	57.6		Control	345	0.059	143.7
24A	378	15.1	57.1		Control	345	0.059	116.6
24B	422	15.4	58.7		Control	345	0.059	127.7
25A	402	16.0	58.3	10 ft gap	Control	335	0.058	120.6
			Average yield of nearest untreated control strips					**133.6**

In-furrow Symbiosis AGx (2 pints/a) and Presto Gold (2 pints/a)
In-furrow Symbiosis AGx (2 pints/a) and Presto (2 pints/a), plus WakeUP Spring

Planted May 22, harvested Oct. 12.
Hybrid: Viking 60-01 non-GMO, Planter set at 30,000 seeds/acre
60 units nitrogen as 28%, applied 2x2 with planter. No other N applied

Paired T test results of Presto with Symbiosis AGx + WakeUP in-furrow:
P value and statistical significance:
The two-tailed P value equals 0.0020
By conventional criteria, this difference is considered to be very statistically significa

Confidence interval:
The Group One minus Group Two equals 32.513
95% confidence interval of this difference: From 16.476 to 48.549

Intermediate values used in calculations:
t = 4.7939
df = 7
standard error of difference = 6.782

Unpaired t test results of Presto with fish in-furrow alone

P value and statistical significance:
The two-tailed P value equals 0.0469
By conventional criteria, this difference is considered to be statistically significant.

Confidence interval:
The Group One minus Group Two equals 20.650
95% confidence interval of this difference: From 0.345 to 40.955

Intermediate values used in calculations:
t = 2.2660
df = 10
standard error of difference = 9.113

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