

Planting Order Centennial Ag - CORN

North Half of Circle D

Planted: 5/7/13
Harvested: 10/26/13

Population: 30k

Variety: Dekalb56-54

Strip-Till: 19-13-0 @4" 10gal & 10" 13gal.

Starter: (2x2) 21.8-11-1.8-1.2s-.1zn

Through the system: 32-0-0 @ 8 gal./acre

N-TruZT is 7-21-2+1S+0.1Zn + 3 oz. Transit/gal. + Zn Citrate

N Capsulate is 3% Fulvic Acid

Application Dates

4/30/13

5/7/13

6/15 6/28 7/5 7/15 8/4/13

Herbicide:

Degree Extra @ 3qt./acre Round-up weather max @ 32oz./acre Class Act @ .60qt./acre

4/30/13

Status @ 5oz./acre Round-up weather max @ 32 oz./acre NIS @ 1qt./ 100 gal.water AMS @ 17lbs./

100 gal. water

6/22/13

Insecticide:

Oberon @ 5oz./ac

7/16/13

Protocols for planting and post plant	Application Dates	Moist	Test Wgt	Yield
Rep 1				
1) 5gal N-TruZT in-furrow/acre - NO 2X2 band at planting.	5/7/13	16.7	59	234.09
2) 6 gal N-TruZT w/o Transit + 1gal N Capsulate in-furrow/acre NO 2X2 band at planting.	5/7/13	16.7	59	226.60
3) 5 gal Micro LS in furrow/acre NO 2X2 band at planting.	5/7/13	17	61	237.10
4) 5 gal Micro LS w/o transit + 1gal N Capsulate in furrow/acre NO 2X2 band at planting.	5/7/13	17.1	60	241.31
5) Control 5 gal water in-furrow. NO 2X2 band at planting.	5/7/13	17.2	60	237.04
6) 10gal N-TruZT /acre applied 2x2 @ planting	5/7/13	16.3	59	239.55
7) 11 gal N-TruZT w/o Transit + 1gal N Capsulate/acre applied 2x2 @ planting	5/7/13	16.7	59	230.14
8) 1qt Flashguard (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7/2013 6/8/13	17.2	59	229.55
9) 2qt Flashguard (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7/2013 6/8/13	17.2	60	224.04
10) 1qt Flashguard (with glyphosate)/acre 2 times + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8 6/18/13	17	60	240.42
11) 1qt Smart-Trio (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7/2013 6/8/13	17	59	230.52

12) 2qt Smart-Trio (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7/2013 6/8/13	17.6	59	238.39
13) Control; 10 gal/A Standard 2X2 band at planting.	5/7/13	17.3	60	235.90
14) Control; 10 gal/acre Standard 2X2 band at planting.	5/7/13	16.6	59	232.84
Rep 2				
2) 6 gal N-TruZT w/o Transit + 1gal N Capsulate in-furrow/acre NO 2X2 band at planting.	5/7/13	14.9	60	224.88
1) 5gal N-TruZT in-furrow/acre NO 2X2 band at planting.	5/7/13	16.6	61	233.82
4) 5 gal Micro LS w/o transit + 1gal N Capsulate in furrow/acre NO 2X2 band at planting.	5/7/13	16.8	61	243.48
3) 5 gal Micro LS in furrow/acre NO 2X2 band at planting.	5/7/13	17	59	224.23
6) 10gal N-TruZT /acre	5/7/13	17	59	219.45
5) Control; 5 gal water in-furrow. NO 2X2 band at planting.	5/7/13	16.8	61	227.62
8) 1qt Flashguard (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	16.2	62	234.66
7) 11 gal N-TruZT w/o Transit + 1gal N Capsulate/acre	5/7/13	17.1	57	234.00
10) 1qt Flashguard (with glyphosate)/acre 2 times + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8 6/18/13	16.8	58	240.56
9) 2qt Flashguard (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	16.2	59	236.18
12) 2qt Smart-Trio (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	15.7	59	238.75
11) 1qt Smart-Trio (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	16.2	61	232.79
14) Control; 10 gal/acre Standard 2X2 band at planting.	5/7/13	15.9	61	235.35
13) Control; 10 gal/acre Standard 2X2 band at planting.	5/7/13	16.2	60	229.69
Rep 3				
1) 5 gal N-TruZT in-furrow/acre NO 2X2 band at planting.	5/7/13	16	62	226.56
2) 6 gal N-TruZT w/o Transit + 1gal N Capsulate in-furrow/acre NO 2X2 band at planting.	5/7/13	15.9	60	224.68
3) 5 gal Micro LS in furrow/acre NO 2X2 band at planting.	5/7/13	16.7	58	224.91
4) 5 gal Micro LS w/o transit + 1gal N Capsulate in furrow/acre NO 2X2 band at planting.	5/7/13	16.5	60	227.22
5) Control; 5 gal water in-furrow. NO 2X2 band at planting.	5/7/13	15.9	60	224.38
6) 10gal N-TruZT /acre	5/7/13	16.6	60	226.72
7) 11 gal N-TruZT w/o Transit + 1gal N Capsulate/acre	5/7/13	16.7	59	230.83
8) 1qt Flashguard (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	16.1	61	227.04
9) 2qt Flashguard (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	16.4	57	232.96
10) 1qt Flashguard (with glyphosate)/acre 2 times + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8 6/18/13	16.6	58	238.22
11) 1qt Smart-Trio (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	15.9	58	229.99
12) 2qt Smart-Trio (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	16.1	61	229.56

13) Control; 10 gal/acre Standard 2X2 band at planting.	5/7/13	15.7	59	223.55
14) Control; 10 gal/acre Standard 2X2 band at planting.	5/7/13	16	60	235.80
Rep 4				
2) 6 gal N-TruZT w/o Transit + 1gal N Capsulate in-furrow/acre NO 2X2 band at planting.	5/7/13	15.1	62	225.08
1) 5gal N-TruZT in-furrow/acre NO 2X2 band at planting.	5/7/13	15.6	60	236.56
4) 5 gal Micro LS w/o transit + 1gal N Capsulate in furrow/acre NO 2X2 band at planting.	5/7/13	15	60	228.81
3) 5 gal Micro LS in furrow/acre NO 2X2 band at planting.	5/7/13	16.2	59	233.58
6) 10gal N-TruZT /acre	5/7/13	16.9	59	234.55
5) Control; 5 gal water in-furrow. NO 2X2 band at planting.	5/7/13	16.8	57	240.61
8) 1qt Flashguard (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	17.2	59	216.47
7) 11 gal N-TruZT w/o Transit + 1gal N Capsulate/acre	5/7/13	16.8	59	253.70
10) 1qt Flashguard (with glyphosate)/acre 2 times + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8 6/18/13	16.9	61	218.27
9) 2qt Flashguard (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	17.8	56	245.61
12) 2qt Smart-Trio (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	17.4	60	163.34
11) 1qt Smart-Trio (with glyphosate)/acre + 10 gal/acre Standard 2X2 band at planting.	5/7 6/8	16.8	58	177.96
14) Control; 10 gal/acre Standard 2X2 band at planting.	5/7/13	18.4	57	118.27
13) Control; 10 gal/acre Standard 2X2 band at planting.	5/7/13	16.5	59	227.79