

2012 Seeding Rate/Population Study

Cooperator:	Mike Flint	Soil Texture:	Clay	Herbicide:	18 oz Verdict pre-emerge
Town:	Elbow Lake	Prev Crop:	Soybean	Replications:	4
County:	Grant	Plant Date:	5/10/2012	# of Rows:	4
Township:	Sanford	Harvest Date:	10/4/2012	Width per Row (in.)	30
Section:	15	Planting Rate:	Various	Fertilizer (lb):	140 N, 80 P, 40 K applied as broadcast incorporated and starter

Variety No.	Company Name	Variety Name	Maturity	Seed Rate Seeds/A	Moisture %	Test Weight Lbs./Bu	Yield @ 15% Bu/A
	Channel	196-06 VT3 PRO	96	30,000	16.3		233.4
	Channel	196-06 VT3 PRO	96	35,000	16.0		250.4
	Channel	196-06 VT3 PRO	96	40,000	15.0		263.9
	Channel	196-06 VT3 PRO	96	45,000	14.7		260.6
	Croplan	3390 VT3 PRO	93	30,000	12.5		237.6
	Croplan	3390 VT3 PRO	93	35,000	12.7		256.3
	Croplan	3390 VT3 PRO	93	40,000	12.5		257.5
	Croplan	3390 VT3 PRO	93	45,000	12.9		256.2
	Dekalb	46-20 VT3P	96	30,000	15.8		253.3
	Dekalb	46-20 VT3P	96	35,000	15.5		257.0
	Dekalb	46-20 VT3P	96	40,000	15.4		262.1
	Dekalb	46-20 VT3P	96	45,000	15.3		261.8
	Pioneer	P9630AM1	96	30,000	14.6		243.6
	Pioneer	P9630AM1	96	35,000	14.4		263.3
	Pioneer	P9630AM1	96	40,000	13.7		239.5
	Pioneer	P9630AM1	96	45,000	13.7		240.2
	Syngenta	N38U 3000GT	97	30,000	13.7		237.6
	Syngenta	N38U 3000GT	97	35,000	14.4		248.4
	Syngenta	N38U 3000GT	97	40,000	14.0		236.9
	Syngenta	N38U 3000GT	97	45,000	13.9		239.0
	Wensman	7268 VT3	96	30,000	15.5		255.3
	Wensman	7268 VT3	96	35,000	15.9		250.2
	Wensman	7268 VT3	96	40,000	15.6		268.8
	Wensman	7268 VT3	96	45,000	15.7		258.6
AVERAGE			95.7		14.6	#DIV/0!	251.3

LSD (P=.05) *	2.6		17.7
CV **	5.3		5.0
Treatment Prob (F)	0.0001		0.0004

* Least significant differences, value in which statistical differences exist between entries. (P=.10)

** Coefficient of variance, reflects site variability (lower is better).

Harvested by: University of Minnesota (SROC-Waseca)