

**SCC - Faribault Farm Management Corn Variety Yield Trial 2014**

NAME	Mike Peterson	PREVIOUS CROP	Soybeans
ADDRESS	Northfield	FERTILIZER	0-85-80 Fall Zone; 37-60-0-17 Spring Zone;
PLANTING DATE	5/7/14		100 lbs N - Sidedress; Total=137-145-80-17
ROW SPACING	30"	PLANTING RATE	33,500
HARVEST DATE		HERBICIDE	
ACREAGE HARV	0.25	INSECTICIDE	
HARVEST POP	30,000	TILLAGE	Zone Tillage
CORN VAR. ARE LISTED IN ORDER OF PLANTING.		ROW DIRECTION-	North-South

VARIETY	DAY MATURE	TRAITS	% MOIST	DRY BU/AC	YLD RANK	YIELD INDEX	TEST WEIGHT	SELL Wet \$	SELL WET RANK	MOST PROFIT INDEX	SEED COST /ACRE	Return over Drying, TW & Seed	RANK/ Seed Dry, TW	INDEX/ Seed Dry, TW	HARVEST POP	WET WT	AREA	TEST WT DISC	LENGTH	WIDTH	ROW	SELL WET Dollars	Seed Cost/ Bag
1 Channel Seed 197-68 STX RIB	97	SS	18.7	217.5	4	107.4	55.5	632.11	2	107.8	143.63	488.48	3	111.0	30,500	2850.00	117000	0.00	650.00	30.00	6.00	632.11	343.00
2 DeKalb DKC 48-12 RIB	98	SS	17.6	228.9	1	113.1	55.0	678.80	1	115.7	161.22	517.58	1	117.6	30,500	2982.00	117900	0.00	655.00	30.00	6.00	678.80	385.00
3 Wensman W9288 STX RIB	98	SS	19.2	218.8	2	108.1	55.0	630.06	3	107.4	144.47	485.59	4	110.3	28,500	2930.00	118800	0.00	660.00	30.00	6.00	630.06	345.00
4 Producers Hybrid 5898 STX RIB	98	SS	19.0	218.2	3	107.8	53.0	628.38	4	107.1	151.17	477.21	5	108.4	32,000	2936.00	119700	0.01	665.00	30.00	6.00	628.38	361.00
5 Stine R9424 SS Blend	99	SS	17.4	207.6	7	102.5	55.0	617.89	5	105.4	114.74	503.15	2	114.3	30,000	2760.00	120600	0.00	670.00	30.00	6.00	617.89	274.00
6 Dyna Gro D39VP14 RIB	99	VT3P	18.1	189.7	23	93.7	56.0	557.57	20	95.1	161.64	395.93	23	89.9	28,500	1830.00	86760	0.00	482.00	30.00	6.00	557.57	386.00
7 NK N42Z-3111A	99	Agrisure Viptera	18.0	191.1	21	94.4	54.5	562.78	19	96.0	137.77	425.01	13	96.5	27,500	1490.00	70200	0.00	390.00	30.00	6.00	562.78	329.00
8 Croplan 4099 SS/RIB	99	SS	18.5	199.7	11	98.7	55.0	582.72	11	99.4	167.08	415.63	19	94.4	31,500	2836.00	127080	0.00	706.00	30.00	6.00	582.72	399.00
9 AgriGold A6257 STX RIB	100	SS	18.5	197.9	12	97.8	55.0	577.41	13	98.5	157.41	420.01	16	95.4	29,000	2850.00	128880	0.00	716.00	30.00	6.00	577.41	375.90
10 Golden Harvest GO1P52-3011A	101	AgrisureArtisian	18.6	193.8	18	95.8	55.5	564.49	18	96.3	135.68	428.82	12	97.4	32,000	2830.00	130500	0.00	725.00	30.00	6.00	564.49	324.00
11 Dyna Gro D41SS71 RIB	101	SS	18.5	196.9	15	97.2	57.0	574.33	16	97.9	167.08	407.25	20	92.5	31,000	2910.00	132300	0.00	735.00	30.00	6.00	574.33	399.00
12 Legacy Seed L-4343 GENSS RIB	101	SS	17.2	192.6	20	95.1	55.0	575.17	14	98.1	152.43	422.75	14	96.0	31,500	2836.00	133920	0.00	744.00	30.00	6.00	575.17	364.00
13 Viking D81-01RL RIB	101	SS	17.6	195.9	16	96.8	55.0	581.15	12	99.1	128.98	452.17	8	102.7	30,000	2935.00	135540	0.00	753.00	30.00	6.00	581.15	308.00
14 Pioneer P0157AMX	101	YGCB/HXX/LL/RR2	19.4	204.0	9	100.8	56.5	585.21	9	99.8	163.27	421.94	15	95.8	30,500	3162.00	137160	0.00	762.00	30.00	6.00	585.21	389.90
15 Gold Country 101-56 RSS	101	SS	20.4	210.7	6	104.1	57.0	592.39	7	101.0	138.19	454.21	7	103.2	31,500	3345.00	138780	0.00	771.00	30.00	6.00	592.39	330.00
16 Wensman W9325 STX RIB	102	SS	19.1	202.5	10	100.0	55.0	584.09	10	99.6	144.47	439.62	10	99.9	26,500	3200.00	140400	0.00	780.00	30.00	6.00	584.09	345.00
17 Legend LR 9402 GENSSRIB	102	SS	19.3	190.9	22	94.3	54.5	548.69	22	93.6	149.43	399.26	21	90.7	27,500	3060.00	142020	0.00	789.00	30.00	6.00	548.69	356.85
18 Dahlman Seed R51-313 SSRIB	102	SS	18.5	197.1	14	97.4	55.0	575.15	15	98.1	142.38	432.78	11	98.3	30,000	3160.00	143460	0.00	797.00	30.00	6.00	575.15	340.00
19 Titan Pro TP 39-02 SS	102	SS	18.5	205.1	8	101.3	55.0	598.43	6	102.0	134.00	464.43	6	105.5	29,500	3325.00	145080	0.00	806.00	30.00	6.00	598.43	320.00
20 Renk Seed RK 666 SSTX	102	SS	18.7	194.9	17	96.3	55.0	566.40	17	96.6	149.49	416.91	18	94.7	30,500	3202.00	146700	0.00	815.00	30.00	6.00	566.40	357.00
21 DeKalb DKC 54-38 RIB	104	GENSS	21.2	212.1	5	104.8	55.0	586.52	8	100.0	169.18	417.35	17	94.8	30,000	3635.00	148320	0.00	824.00	30.00	6.00	586.52	404.00
22 Dairyland Seed DS 9604RA	104	SS	20.7	192.7	19	95.2	55.0	538.52	23	91.8	141.96	396.56	22	90.1	30,500	3318.00	149940	0.00	833.00	30.00	6.00	538.52	339.00
23 Mycogen 2G581	105	Agrisure GT	19.8	197.6	13	97.6	50.0	550.37	21	93.8	108.04	442.33	9	100.5	31,000	3400.00	151560	0.06	842.00	30.00	6.00	550.37	258.00
PLOT AVERAGE	101		18.8	202.4		100.0	55.0	586.46		100.0	146.25	440.22		100.0	30,000							586.46	349.25

Sell wet \$ based on **\$3.10/bus & \$.05/point drying cost** to 15% & Test Wt Discount

Return over Drying, TW & Seed calculated by: Sell Wet \$ minus seed cost/ acre

- Bt hybrids include all varieties that have corn borer resistance in the plant, either Yield Guard or Herculex or Syntenta's Agrisure
- RR, LL and RW include all varieties that have either the Roundup or Liberty Linked or Yield Guard or Herculex Root Worm traits
- VT3 includes resistance to corn borer, rootworm and Roundup
- SS is the Genuity SmartStax that includes above and below ground insect protection by multiple modes of action as well as Earworm, Armyworm and Cutworm protection and includes Rounup and Liberty Linked traits
- VT3P Includes Monsanto's above and below ground insect protection as well as Earworm & Armyworm protection & Roundup
- 3000 GT is Agrisure's rootworm and corn borer protection with both Roundup and Liberty Linked traits
- Agrisure Viptera offers 3000 GT protection plus Earworm, armyworm and cutworm
- HX1 is Dupont's corn borer protection trait
- HXX is Dupont's corn borer and corn rootworm protection trait

Test Wt Discount

	53.0	\$0.01	48.0	0.12
	52.0	\$0.02	49.0	0.09
	51.0	\$0.04	49.5	0.09
	50.0	\$0.06	50.0	0.06
	50.0	\$0.06	50.5	0.06
	49.0	\$0.09	51.0	0.04
	48.0	\$0.12	51.5	0.04
	47.0	\$0.15	52.0	0.02
			53.0	0.01
			53.5	0.01
			54.0	0.00

\*\*\* The evaluation process of selecting varieties starts with yield results. This spreadsheet does that with Dry Bu/Acre, Yield Rank & Yield Index. This sheet then will evaluate the cost of drying & test weight discounts with the columns of Sell Wet \$, Sell Wet Rank & Most Profit Index. We then look at the cost of seed starting with retail prices of seed with no discounts applied. This is done with seed cost/acre, return over Dry, TW & Seed, Rank and Index over Drying, TW & Seed.

\*\*Keep in mind that seed cost does reflect the cost of added genetic traits which will raise the cost but may be of benefit in individual farm situations.

Plot weighed by SCC-Faribault Farm Management Department

Permission to use this variety plot granted only if all results from the entire plot are used