

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

NAME	<i>Farm America</i>	PREVIOUS CROP	<i>Soybeans</i>
ADDRESS	<i>Waseca</i>	FERTILIZER	<i>150 lbs Anhydrous - Fall, 11-52-60 Fall</i>
PLANTING DATE	<i>5/25/14</i>		<i>5 Gal 9-18-9 Starter; Total = 170-82-69</i>
ROW SPACING	<i>30"</i>	PLANTING RATE	<i>35,000</i>
HARVEST DATE	<i>11/4/14</i>	HERBICIDE	<i>Harness</i>
ACREAGE HARV	<i>0.24</i>	INSECTICIDE	
HARVEST POP	<i>32,364</i>	TILLAGE	<i>Conservation</i>
CORN VAR. ARE LISTED IN ORDER OF PLANTING.		ROW DIRECTION-	<i>East-West</i>

VARIETY	DAY MATUR	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
Pioneer P0157AMX	101	YGCB/HXX/LL/RR2	19.5	88.5	22	74.3	54.0	253.36	22	71.1	170.58	82.78	22	41.1	33,500
Wensman W9288 STX RIB	98	SS	17.3	115.0	15	96.5	52.0	340.58	14	95.6	150.94	189.64	13	94.1	33,000
Croplan 4099 SS/RIB	99	SS	17.1	120.8	10	101.4	53.0	360.19	11	101.1	174.56	185.62	14	92.1	33,000
Viking D81-01RL RIB	101	SS	18.7	116.2	14	97.5	54.0	337.70	15	94.8	134.75	202.95	12	100.7	32,500
Dahlman Seed R51-313 SSRIB	102	SS	17.9	127.6	9	107.1	54.0	376.47	9	105.7	148.75	227.72	7	113.0	31,500
Channel Seed 197-68 STX RIB	97	SS	17.5	141.2	2	118.5	54.0	419.55	3	117.8	150.06	269.49	1	133.7	33,500
Dyna Gro D39VP14 RIB	99	VT3P	17.4	138.1	4	115.9	56.0	410.95	4	115.4	168.88	242.07	5	120.1	29,000
Wensman W9325 STX RIB	102	SS	18.1	133.7	5	112.3	54.0	393.09	6	110.4	150.94	242.15	4	120.2	28,500
Dyna Gro D41SS71 RIB	101	SS	17.7	128.6	8	108.0	56.0	380.79	8	106.9	174.56	206.23	11	102.3	31,500
DeKalb DKC 48-12 RIB	98	SS	16.7	144.4	1	121.2	54.0	435.07	1	122.2	168.44	266.63	3	132.3	33,500
Producers Hybrid 5898 STX RIB	98	SS	16.5	141.0	3	118.3	54.0	426.22	2	119.7	157.94	268.28	2	133.1	33,000
AgriGold A6257 STX RIB	100	SS	16.6	129.4	6	108.6	53.5	389.37	7	109.3	164.46	224.91	8	111.6	32,000
Gold Country 101-56 RSS	101	SS	17.2	108.8	17	91.3	56.0	324.89	17	91.2	144.38	180.51	16	89.6	32,000
Titan Pro TP 39-02 SS	102	SS	16.5	116.3	12	97.6	53.0	350.38	12	98.4	140.00	210.38	10	104.4	34,000
DeKalb DKC 54-38 RIB	104	GENSS	17.1	116.3	12	97.7	54.5	348.16	13	97.8	176.75	171.41	17	85.0	31,500
NK N42Z-3111A	99	Agrisure Viptera	16.0	120.6	11	101.2	54.0	367.81	10	103.3	143.94	223.87	9	111.1	33,500
Legacy Seed L-4343 GENSS RIB	101	SS	17.2	105.8	18	88.8	54.0	316.00	19	88.7	159.25	156.75	20	77.8	31,500
Legend LR 9402 GENSSRIB	102	SS	15.9	129.2	7	108.5	53.0	393.46	5	110.5	156.12	237.34	6	117.8	32,000
Dairyland Seed DS 9604RA	104	SS	16.7	110.1	16	92.4	52.0	329.59	16	92.5	148.31	181.28	15	89.9	34,000
Stine R9424 SS Blend	99	SS	15.5	93.8	20	78.8	52.5	288.50	20	81.0	119.88	168.62	18	83.7	32,500
Golden Harvest GO1P52-3011A	101	AgrisureArtisian	16.7	90.7	21	76.2	52.5	273.45	21	76.8	141.75	131.70	21	65.3	33,500
Renk Seed RK 666 SSTX	102	SS	15.9	104.7	19	87.9	52.5	319.71	18	89.8	156.19	163.52	19	81.1	33,000
PLOT AVERAGE	101		17.1	119.1		100.0	53.8	356.15		100.0	154.61	201.54		100.0	32,364

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

	Test Wt	Discount
-Bt hybrids include all varieties that have corn borer resistance in the plant, either Yield Guard or Herculex or Syntenta's Agrisure	53.0	\$0.01
-RR, LL and RW include all varieties that have either the Roundup or Liberty Linked or Yield Guard or Herculex Root Worm traits	52.0	\$0.02
-VT3 includes resistance to corn borer, rootworm and Roundup	51.0	\$0.04
-SS is the Genuity SmartStax that includes above and below ground insect protection by multiple modes of action as well as	50.0	\$0.06
Earworm, Armyworm and Cutworm protection and includes Rounup and Liberty Linked traits	49.0	\$0.09
-VT3P Includes Monsanto's above and below ground insect protection as well as Earworm & Armyworm protection & Roundup	48.0	\$0.12
- 3000 GT is Agrisure's rootworm and corn borer protection with both Roundup and Liberty Linked traits	47.0	\$0.15
- 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		

\*\*\* 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