

SCC - Faribault Farm Management Corn Variety Yield Trial 2014

NAME	Hanson Farms	PREVIOUS CROP	Soybeans
ADDRESS	Nerstrand	FERTILIZER	3300 gal Hog Manure
PLANTING DATE	5/21/14		
ROW SPACING	30"	PLANTING RATE	35,400
HARVEST DATE	#####	HERBICIDE	Halex
ACREAGE HARV	0.32	INSECTICIDE	
HARVEST POP	33,389	TILLAGE	Conservation
CORN VAR. ARE LISTED IN ORDER OF PLANTING.		ROW DIRECTION-	North-South

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	WET WT	AREA	TEST WT DISC	LENGTH	WIDTH	ROW	SELL WET Dollars	Seed Cost/ Bag
39 Gold Country 96-36 R3P	96	VT2P	22.4	194.2	1	112.4	52.5	523.25	1	129.4	137.18	386.08	1	155.2	30,500	3850.00	168960	0.00	1408.00	30.00	4.00	523.25	310.00
13 Viking D81-01RL RIB	101	SS	28.4	151.0	27	87.4	51.0	341.98	27	84.6	136.29	205.69	23	82.7	31,500	3245.00	168960	0.04	1408.00	30.00	4.00	341.98	308.00
16 Wensman W9325 STX RIB	102	SS	29.2	183.4	5	106.2	51.0	404.82	14	100.1	152.66	252.16	9	101.3	34,000	3985.00	168960	0.04	1408.00	30.00	4.00	404.82	345.00
19 Titan Pro TP 39-02 SS	102	SS	27.5	156.9	25	90.8	51.0	365.18	22	90.3	141.60	223.58	20	89.8	35,000	3330.00	168960	0.04	1408.00	30.00	4.00	365.18	320.00
22 Dairyland Seed DS 9604RA	104	SS	28.5	170.0	18	98.4	51.0	383.74	20	94.9	150.01	233.74	17	93.9	35,000	3650.00	168600	0.04	1405.00	30.00	4.00	383.74	339.00
3 Wensman W9288 STX RIB	98	SS	27.5	191.2	2	110.7	50.0	441.08	5	109.1	152.66	288.42	6	115.9	34,000	3985.00	165960	0.06	1383.00	30.00	4.00	441.08	345.00
6 Dyna Gro D39VP14 RIB	99	VT3P	25.1	184.1	4	106.6	52.0	461.49	3	114.2	170.81	290.68	5	116.8	32,500	3760.00	168000	0.02	1400.00	30.00	4.00	461.49	386.00
9 AgriGold A6257 STX RIB	100	SS	28.0	179.9	6	104.2	50.0	408.92	11	101.1	166.34	242.59	14	97.5	33,000	3815.00	167640	0.06	1397.00	30.00	4.00	408.92	375.90
12 Legacy Seed L-4343 GENSS RIB	101	SS	27.4	172.1	15	99.6	50.0	398.15	15	98.5	161.07	237.08	15	95.3	34,500	3610.00	167280	0.06	1394.00	30.00	4.00	398.15	364.00
15 Gold Country 101-56 RSS	101	SS	28.3	171.5	17	99.3	53.0	394.65	16	97.6	146.03	248.63	11	99.9	34,500	3635.00	166920	0.01	1391.00	30.00	4.00	394.65	330.00
18 Bahman Seed RS1-313 SSRIB	102	SS	26.8	176.1	15	99.6	51.0	408.61	12	101.1	150.45	258.16	8	103.7	32,000	3565.00	165660	0.04	1398.00	30.00	4.00	408.61	340.00
21 DeKalb DKC 34-38 RIB	101	GENSS	28.1	189.9	3	110.0	51.0	411.03	9	101.7	178.77	232.26	18	93.3	31,500	4095.00	166200	0.04	1385.00	30.00	4.00	411.03	404.00
5 Stine R9424 SS Blend	99	SS	25.1	179.9	6	104.2	51.0	435.73	6	107.8	121.25	314.49	2	126.4	36,500	3685.00	166200	0.04	1385.00	30.00	4.00	435.73	274.00
2 DeKalb DKC 48-12 RIB	98	SS	25.8	173.3	13	100.3	50.0	419.65	8	103.8	170.36	249.29	10	100.2	31,500	3535.00	166200	0.06	1385.00	30.00	4.00	419.65	385.00
8 Croplan 4099 SS/RIB	99	SS	28.2	174.3	10	100.9	50.0	393.79	17	97.4	176.56	217.23	22	87.3	33,500	3675.00	166200	0.06	1385.00	30.00	4.00	393.79	399.00
11 Dyna Gro D41SS71 RIB	101	SS	28.5	168.9	20	97.8	51.0	381.29	21	94.3	176.56	204.73	24	82.3	34,500	3575.00	166200	0.04	1385.00	30.00	4.00	381.29	399.00
14 Pioneer P0157AMX	101	YGCB/HXX/LL/RR2	27.6	174.1	11	100.8	53.5	409.27	10	101.2	172.53	236.73	16	95.1	34,500	3640.00	166200	0.01	1385.00	30.00	4.00	409.27	389.90
17 Legend LR 9402 GENSSRIB	102	SS	28.6	152.9	26	88.5	51.0	343.99	26	85.1	157.91	186.09	27	74.8	33,500	3240.00	166200	0.04	1385.00	30.00	4.00	343.99	356.85
20 Renk Seed RK 666 SSTX	102	SS	29.2	165.1	22	95.6	50.0	361.25	23	89.4	157.97	203.28	25	81.7	33,000	3530.00	166200	0.06	1385.00	30.00	4.00	361.25	357.00
1 Channel Seed 197-68 STX RIB	97	SS	29.7	164.4	23	95.2	50.0	353.75	25	87.5	151.78	201.97	26	81.2	33,000	3540.00	166200	0.06	1385.00	30.00	4.00	353.75	343.00
4 Producers Hybrid 5898 STX RIB	98	SS	28.1	172.2	14	99.7	50.0	390.18	18	96.5	159.74	230.44	19	92.6	36,000	3625.00	166200	0.06	1385.00	30.00	4.00	390.18	361.00
7 NK N422-3111A	99	AgriSure Vipitera	26.3	175.1	8	101.3	51.0	421.62	7	104.3	145.58	276.04	7	110.9	33,000	3595.00	166200	0.04	1385.00	30.00	4.00	421.62	329.00
10 Golden Harvest G01P52-3011A	101	AgriSureArtisian	28.7	173.4	12	100.4	51.0	388.93	19	96.2	143.37	245.56	13	98.7	33,500	3680.00	166200	0.04	1385.00	30.00	4.00	388.93	324.00
40 Gold Country 102-88 R2P	102	VT2P	29.0	162.1	24	93.8	50.0	356.90	24	88.3	137.18	219.73	21	88.3	32,000	3455.00	166200	0.06	1385.00	30.00	4.00	356.90	314.00
41 Gold Country 92-48 RSS	92	SS	24.1	175.0	9	101.3	51.0	446.39	4	110.4	154.88	291.51	4	117.2	32,500	3490.00	166200	0.04	1385.00	30.00	4.00	446.39	350.00
42 Gold Country 96-60 RSS	96	SS	21.5	169.1	19	97.9	53.0	462.98	2	114.5	168.15	294.83	3	118.5	33,500	3260.00	166200	0.01	1385.00	30.00	4.00	462.98	380.00
43 Gold Country 99-04 RSS	99	SS	26.4	168.0	21	97.3	52.0	406.89	13	100.6	159.30	247.59	12	99.5	33,000	3455.00	166200	0.02	1385.00	30.00	4.00	406.89	360.00
PLOT AVERAGE	100		27.3	172.7		100.0	51.0	404.28		100.0	155.44	248.84		100.0	33,389						404.28	351.28	

Sell wet \$ based on **\$3.10/bush & \$0.05/pound drying cost** to 15% & Test Wt Discount

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

	Test Wt	Discount	test wt	disc
-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	49.0	0.09
-RR, LL and RW include all varieties that have either the Roundup or Liberty Linked or Yield Guard or Herculex Root Worn traits	52.0	\$0.02	49.5	0.09
-VT3 includes resistance to corn borer, rootworm and Roundup	51.0	\$0.04	50.0	0.06
-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	50.5	0.06
Earworm, Armyworm and Cutworm protection and includes Roundup and Liberty Linked traits	49.0	\$0.09	51.0	0.04
-VT3P Includes Monsanto's above and below ground insect protection as well as Earworm & Armyworm protection & Roundup	48.0	\$0.12	51.5	0.04
- 3000 GT is Agrisure's rootworm and corn borer protection with both Roundup and Liberty Linked traits	47.0	\$0.15	52.0	0.02
- Agrisure Vipitera offers 3000 GT protection plus Earworm, armyworm and cutworm				
- HX1 is Dupont's corn borer protection trait			53.0	0.01
- HXX is Dupont's corn borer and corn rootworm protection trait			53.5	0.01
*** 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.			54.0	0.00

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& 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