

SCC - Faribault Farm Management Corn Variety Yield Trial 2013

NAME	Hanson Farms	PREVIOUS CROP	Corn
ADDRESS	Nerstrand	FERTILIZER	1.25 lbs N + 1 qt ZN
PLANTING DATE	5/14/13		
ROW SPACING	30"	PLANTING RATE	34,000
HARVEST DATE	#####	HERBICIDE	
ACREAGE HARV	0.34	INSECTICIDE	
HARVEST POP	32,104	TILLAGE	Conventional
CORN VAR. ARE LISTED IN ORDER OF PLANTING.		ROW DIRECTION-	East-West

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 RANK/ Drying,TW & Seed	Seed Dry,TW	INDEX/ Seed Dry,TW	HARVEST POP	WET WT	AREA	TEST WT DISC	LENGTH	WIDTH	ROW	SELL WET Dollars	Seed Cost/ Bag
47 Gold Country 96-20 RSS`	96	SS	22.4	204.6	3	104.6	54.0	796.92	2	108.5	148.71	648.21	3	109.3	33,000	2720.00	113280	0.00	472.00	30.00	8.00	796.92	350.00
6 Croplan 4099 SS/RIB	99	SS	26.4	227.6	1	116.3	53.0	826.59	1	112.5	164.48	662.11	1	111.7	34,000	3190.00	113280	0.01	472.00	30.00	8.00	826.59	387.00
9 Dyna Gro D39VP14 RIB	99	VT3P	28.3	216.9	2	110.8	52.5	761.54	7	103.7	154.70	606.84	10	102.3	31,000	3120.00	113280	0.00	472.00	30.00	8.00	761.54	364.00
12 Mycogen 2A509	101	SS	29.6	198.6	9	101.5	53.0	676.94	23	92.2	146.56	530.38	23	89.4	31,500	2910.00	113280	0.01	472.00	30.00	8.00	676.94	320.00
15 Dahlgan Seed RS0-306 SSRIB	101	SS	21.5	200.9	4	102.7	53.0	791.17	3	107.7	131.71	659.46	2	111.2	33,000	2640.00	113280	0.01	472.00	30.00	8.00	791.17	330.00
21 Gold Country 103-15	103	SS	22.8	190.8	17	97.5	53.0	736.75	11	100.3	161.50	575.25	17	97.0	32,000	2560.00	113280	0.01	472.00	30.00	8.00	736.75	350.00
18 Channel Seed 203-44 STX RIB	103	SS	28.1	192.4	15	98.3	53.0	676.32	24	92.1	154.70	521.62	24	88.0	31,000	2760.00	113280	0.01	472.00	30.00	8.00	676.32	354.00
1 DeKalb DKC 46-20 RIB	96	VT3P	21.9	199.1	8	101.8	55.0	781.45	4	106.4	152.15	629.30	6	106.1	34,000	2630.00	113280	0.00	472.00	30.00	8.00	781.45	358.00
4 Producers Hybrid 5898 STX RIB	98	SS	26.6	193.2	14	98.7	53.0	699.01	18	95.2	146.63	552.39	18	93.2	29,500	2715.00	113280	0.01	472.00	30.00	8.00	699.01	345.00
7 Wensman W7290 VT3PRIB	99	VT3P	21.8	194.4	12	99.4	54.0	764.26	6	104.0	132.18	632.09	4	106.6	32,000	2565.00	113280	0.00	472.00	30.00	8.00	764.26	311.00
10 Renk Seed RK 598 SSTX (RIB)	100	SS	21.8	186.1	20	95.1	55.0	731.49	13	99.6	147.05	584.44	16	98.6	31,000	2455.00	113280	0.00	472.00	30.00	8.00	731.49	346.00
13 Titan Pro 1M02-SS	101	SS	27.7	191.3	16	97.8	53.0	678.01	22	92.3	136.00	542.01	20	91.4	30,500	2730.00	113280	0.01	472.00	30.00	8.00	678.01	285.00
16 Viking C94-01R RIB	101	VT3P	21.2	183.3	22	93.7	54.0	727.04	15	99.0	140.25	586.79	15	99.0	32,000	2400.00	113280	0.00	472.00	30.00	8.00	727.04	274.00
19 Golden Harvest G01P52 3011A	103	AgrisureArtisian	24.4	198.6	9	101.5	53.0	747.08	8	101.7	150.45	596.63	12	100.6	32,000	2710.00	113280	0.01	472.00	30.00	8.00	747.08	346.00
22 North Star NS 104-394	104	Agrisure RR/Bt/LL/RV	28.8	199.5	7	102.0	52.0	689.67	20	93.9	148.75	540.92	21	91.2	30,500	2891.00	113280	0.02	472.00	30.00	8.00	689.67	251.00
2 AgriGold AG203 VT3P/RIB	97	VT3P	23.8	195.4	11	99.9	53.0	742.30	10	101.1	147.05	595.25	13	100.4	32,500	2645.00	113280	0.01	472.00	30.00	8.00	742.30	346.00
5 Gold Country 98-38 RSS	98	SS	23.0	200.8	5	102.6	54.0	774.75	5	105.5	153.00	621.75	8	104.9	33,500	2690.00	113280	0.00	472.00	30.00	8.00	774.75	360.00
8 Garst 99233 3011A	99	AgrisureArtisian	22.9	190.6	18	97.4	53.0	734.64	12	100.0	144.50	590.14	14	99.5	33,500	2550.00	113280	0.01	472.00	30.00	8.00	734.64	340.00
11 Legend LR 9300 GENSSRIB	100	SS	23.1	180.8	23	92.4	55.0	696.42	19	94.8	147.05	549.37	19	92.7	31,500	2425.00	113280	0.00	472.00	30.00	8.00	696.42	344.85
14 Pioneer P0193AM	101	YGCB/HX1/LL/RR2	25.2	194.3	13	99.3	53.0	721.06	16	98.2	121.13	599.94	11	101.2	32,000	2680.00	113280	0.01	472.00	30.00	8.00	721.06	309.90
17 Croplan 4975 VT3/P	102	VT3P	21.9	190.0	19	97.1	54.0	745.80	9	101.5	116.45	629.35	5	106.1	31,500	2510.00	113280	0.00	472.00	30.00	8.00	745.80	364.00
20 DeKalb DKC 53-56 RIB	103	SS	25.4	185.5	21	94.8	52.0	684.02	21	93.1	147.05	536.97	22	90.6	33,500	2565.00	113280	0.02	472.00	30.00	8.00	684.02	380.00
23 Pioneer P0533AM1	105	HXx/HX1/LL/RR2	27.1	200.0	6	102.2	54.0	718.90	17	97.9	106.68	612.23	9	103.3	32,000	2830.00	113280	0.00	472.00	30.00	8.00	718.90	349.90
3 Stine R9422 VT3Pro Blend(RIB)	98	VT3P	20.1	180.5	24	92.2	55.0	727.07	14	99.0	99.88	627.20	7	105.8	33,500	2330.00	113280	0.00	472.00	30.00	8.00	727.07	235.00
PLOT AVERAGE	100		24.4	195.6		100.0	53.5	734.55		100.0	141.61	592.94		100.0	32,104							734.55	333.36

Sell wet \$ based on **\$4.30/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 Roundup 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

*** 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

Test Wt Discount

- 53.0 \$0.01
- 52.0 \$0.02
- 51.0 \$0.04
- 50.0 \$0.06
- 49.0 \$0.09
- 48.0 \$0.12

test wt disc

- 48.0 0.12
- 49.0 0.09
- 49.5 0.09
- 50.0 0.06
- 50.5 0.06
- 51.0 0.04
- 51.5 0.04
- 52.0 0.02
- 53.0 0.01
- 53.5 0.01
- 54.0 0.00