

SCC - Faribault Farm Management Corn Variety Yield Trial 2013

NAME	Ron Keller	PREVIOUS CROP	Soybeans
ADDRESS	Faribault	FERTILIZER	175 lbs N
PLANTING DATE	5/16/13		
ROW SPACING	30"	PLANTING RATE	34,500
HARVEST DATE	#####	HERBICIDE	Halex
ACREAGE HARV	0.32	INSECTICIDE	
HARVEST POP	34,635	TILLAGE	Conservation
CORN VAR. ARE LISTED IN ORDER OF PLANTING.		ROW DIRECTION-	North-South

VARIETY	DAY MATUR	TRAITS	% MOIST	DRY BU/AC	YLD RANK	INDEX	TEST WEIGHT	SELL Wet \$	SELL WET RANK	MOST PROFIT INDEX	SEED COST /ACRE	Return over RANK/ Drying,TW & Seed	INDEX/ Seed Dry,TW	HARVEST POP	WET WT	AREA	TEST WT DISC	LENGTH	WIDTH	ROW	SELL WET Dollars	Seed Cost/ Bag	
8 Garst 99233 3011A	99	AgrisureArtisan	20.5	203.7	5	106.0	52.0	812.12	2	114.8	146.63	665.50	2	118.0	35,000	4240.00	181680	0.02	757.00	30.00	8.00	812.12	340.00
15 Dahliman Seed R50-306 SSRIB	101	SS	19.9	186.3	18	96.9	52.0	748.94	10	105.9	133.64	615.30	10	109.1	37,000	3848.00	181680	0.02	757.00	30.00	8.00	748.94	330.00
22 North Star NS 104-394	104	Agrisure RR/Bt/LL/RV	29.0	183.9	20	95.7	51.0	629.27	22	88.9	150.94	478.34	22	84.8	33,000	4285.00	181680	0.04	757.00	30.00	8.00	629.27	251.00
6 Croplan 4099 SS/RIB	99	SS	31.5	161.6	26	84.1	49.0	515.04	26	72.8	166.89	348.14	26	61.7	33,000	3904.00	181680	0.09	757.00	30.00	8.00	515.04	387.00
13 Titan Pro M02-SS	101	SS	25.2	192.8	14	100.3	51.0	709.70	15	100.3	138.00	571.70	15	101.4	36,000	4265.00	181680	0.04	757.00	30.00	8.00	709.70	285.00
20 DeKalb DKC 53-56 RIB	103	SS	27.5	200.6	7	104.4	50.0	703.61	17	99.4	149.21	554.40	18	98.3	35,500	4578.00	181680	0.06	757.00	30.00	8.00	703.61	380.00
4 Producers Hybrid 5898 STX RIB	98	SS	23.5	212.5	2	110.6	52.0	809.05	3	114.3	148.78	660.26	3	117.1	34,500	4595.00	181680	0.02	757.00	30.00	8.00	809.05	345.00
11 Legend LR 9300 GENSSRIB	100	SS	24.4	190.7	15	99.2	53.0	717.46	14	101.4	149.21	568.25	16	100.8	34,500	4174.00	181680	0.01	757.00	30.00	8.00	717.46	344.85
18 Channel Seed 203-44 STX RIB	103	SS	25.6	200.1	8	104.1	52.0	735.33	11	103.9	156.98	578.36	14	102.6	35,000	4450.00	181680	0.02	757.00	30.00	8.00	735.33	354.00
2 Agrigold A6203 VT3P/RIB	97	VT3P	21.0	197.5	10	102.8	52.0	781.54	5	110.5	149.21	632.33	7	112.1	34,500	4136.00	181680	0.02	757.00	30.00	8.00	781.54	346.00
9 Dyna Gro D39VP14 RIB	99	VT3P	22.8	213.5	1	111.1	53.0	824.17	1	116.5	156.98	667.20	1	118.3	34,000	4575.00	181680	0.01	757.00	30.00	8.00	824.17	364.00
16 Viking C94-01R RIB	101	VT3P	22.1	199.0	9	103.5	53.0	776.57	8	109.8	142.31	634.26	6	112.5	32,500	4226.00	181680	0.01	757.00	30.00	8.00	776.57	274.00
23 Pioneer P0533AM1	105	HX/HX1/LL/RR2	28.3	207.2	3	107.8	55.0	727.47	12	102.8	108.24	619.22	9	109.8	36,500	4780.00	181680	0.00	757.00	30.00	8.00	727.47	349.90
7 Monsanto W7290 VT3PRIB	99	VT3P	21.2	196.4	12	102.2	53.0	776.99	7	109.8	134.12	642.87	4	114.0	34,500	4124.00	181680	0.01	757.00	30.00	8.00	776.99	311.00
14 Pioneer P0193AM	101	YGCB/HX1/LL/RR2	26.4	201.3	6	104.7	51.0	725.04	13	102.5	122.91	602.13	11	106.8	33,500	4525.00	181680	0.04	757.00	30.00	8.00	725.04	309.90
21 Gold Country 103-15	103	SS	22.7	197.5	10	102.8	51.0	757.92	9	107.1	163.88	594.04	12	105.3	34,000	4228.00	181680	0.04	757.00	30.00	8.00	757.92	350.00
5 Gold Country 98-38 RSS	98	SS	28.0	188.2	17	97.9	51.0	657.18	21	92.9	155.25	501.93	21	89.0	35,000	4295.00	180480	0.04	752.00	30.00	8.00	657.18	360.00
12 Mycogen 2A509	101	SS	33.6	168.6	25	87.7	52.0	520.90	25	73.6	148.72	372.18	25	66.0	35,000	2525.00	109200	0.02	455.00	30.00	8.00	520.90	320.00
19 Golden Harvest G01P52 3011A	103	AgrisureArtisan	30.7	181.5	23	94.5	51.0	598.52	23	84.6	152.66	445.86	24	79.1	34,000	4305.00	180480	0.04	752.00	30.00	8.00	598.52	346.00
3 Stine R9422 VT3Pro Blend(RIB)	98	VT3P	23.3	172.4	24	89.7	53.0	660.47	20	93.3	101.34	559.12	17	99.2	34,500	3695.00	180480	0.01	752.00	30.00	8.00	660.47	235.00
10 Renk Seed RK 598 SSTX (RIB)	100	SS	25.7	182.0	21	94.7	53.0	669.26	18	94.6	149.21	520.05	20	92.2	36,000	4025.00	180480	0.01	752.00	30.00	8.00	669.26	346.00
17 Croplan 4975 VT3/P	102	VT3P	25.0	190.3	16	99.0	52.0	706.63	16	99.9	118.16	588.47	13	104.4	32,500	4170.00	180480	0.02	752.00	30.00	8.00	706.63	364.00
1 DeKalb DKC 46-20 RIB	96	VT3P	20.7	194.9	13	101.4	55.0	778.67	6	110.1	154.39	624.28	8	110.7	35,500	4040.00	180480	0.00	752.00	30.00	8.00	778.67	358.00
25 Channel Seed 202-25 VT3P RIB	102	VT3P	25.5	182.0	21	94.7	51.0	666.31	19	94.2	137.57	528.74	19	93.8	34,500	4015.00	180480	0.04	752.00	30.00	8.00	666.31	319.00
26 Channel Seed 197-68 STX RIB	97	SS	31.6	185.2	19	96.4	51.0	597.94	24	84.5	148.35	449.59	23	79.7	35,500	4450.00	180480	0.04	752.00	30.00	8.00	597.94	344.00
27 Channel Seed 196-77 STX RIB	96	SS	23.6	207.1	4	107.8	53.0	789.37	4	111.6	150.89	638.48	5	113.2	35,000	4455.00	180480	0.01	752.00	30.00	8.00	789.37	351.00
PLOT AVERAGE	100		25.4	192.2		100.0	52.0	707.52		100.0	143.63	563.88		100.0	34,635						707.52	333.26	

Sell wet \$ based on **\$4.30/bus & \$.05/pound 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	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 Earworm, Armyworm and Cutworm protection and includes Roundup and Liberty Linked traits	50.0	\$0.06	
-VT3P Includes Monsanto's above and below ground insect protection as well as Earworm & Armyworm protection & Roundup	49.0	\$0.09	
-3000 GT is Agrisure's rootworm and corn borer protection with both Roundup and Liberty Linked traits	48.0	\$0.12	
-Agrisure Viptera offers 3000 GT protection plus Earworm, armyworm and cutworm	47.0	\$0.15	
-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

**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