



Agri-Valley

FARM MANAGEMENT, LLC

2011 Test Plot Information Sheet

Farm Owner: Steve Trede
Operator: Steve Trede
Contact Person: Chad McCollester (712) 525-9201
Location: 8 ½ miles East of Council Bluffs, on Highway 92, Treynor, IA
Soil Types: Corn: Ackmore, and Nodaway
Soybeans: Ackmore, and Napier
Planting Dates: Corn: May 6, 2011
Soybeans: May 24, 2011
Harvest Dates: Corn: October 24, 2011
Soybeans: October 19, 2011
Planting Populations: Corn: 36,089
Soybeans: 161,000
Fertilizer: Corn: 160 lbs. Spring applied Anhydrous
Dry Fertilizer: 60#P 40#K
Soybeans: Carryover
Herbicide: Corn: Preplant- Lumax
Soybeans: Post-emerge- Roundup PowerMax & Select
Insecticide: Corn: Headline/Asana
Soybeans: Headline/Asana
Planters: Corn: International Cyclo 900 6-30"
Soybeans: International Cyclo 900 6-30"

Unadjusted Yield: Represents the actual unadjusted #2 yield at 15.0% for corn, and 13.0% for soybeans.

Adjusted Yield: Represents the harvest yield for each hybrid/variety adjusted for soil variation. The adjustment is calculated by averaging the testers on either side of the entries, and subtracting the average from the plot base, then adding or subtracting the difference to the entry.

Rank: Order of hybrids/varieties according to the adjusted yield and income per acre.

P.I.: (Performance Index) is a percentage of the plot average. Any hybrid/variety with a performance index greater than 100 yielded better than the plot average.

Gross Income per Acre: Is calculated using \$6.47/bu for the corn and drying costs of \$.01/bu per tenth of a point down to 15.0%. For the Soybeans it is calculated using \$12.04/bu, and drying costs of \$.02/bu per point to 13.0%.

***Please note that this information is also available electronically at: www.agrivalleyfmgmt.com

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| Agri-Valley Farm Management, LLC | | | | | | | | | | | | | |
|----------------------------------|----------------------|------------------|------------|------------|---------------------|-------|----------------|-------------|------------------------|--------------------|-------------|----------|------|
| 2011 Corn Test Plot | | | | | | | | | | | | | |
| Planted: May 6th | | | | | | | | | | | | | |
| Harvested: October 24th | | | | | | | | | | | | | |
| Population: 36,089 | | | | | | | | | | | | | |
| Company | Variety | Harvested #s | Length | % Moisture | Test Wt. | Yield | Adjusted Yield | Rank | P.I. | Gross Income/ Acre | Rank | P.I. | |
| 1 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3605 | 865 | 18.0 | 57.6 | 209.73 | *** | *** | *** | *** | *** | *** |
| 2 | Jacobsen Seed | 4704 | 3420 | 870 | 17.0 | 59.7 | 200.23 | 208.615 | 21 | 97% | \$1,345.56 | 21 | 97% |
| 3 | Jacobsen Seed | 9727 VT3 | 2970 | 860 | 17.3 | 57.9 | 175.27 | 183.654 | 28 | 85% | \$1,184.02 | 28 | 85% |
| 4 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3505 | 870 | 18.1 | 56.5 | 202.49 | *** | *** | *** | *** | *** | *** |
| 5 | LG Seeds | LG 2549 VT3 | 3620 | 850 | 15.7 | 56.3 | 220.33 | 229.016 | 5 | 106% | \$1,480.13 | 4 | 106% |
| 6 | LG Seeds | LG 2636 VT3 | 3730 | 855 | 17.2 | 56.3 | 221.68 | 230.368 | 3 | 107% | \$1,485.41 | 3 | 107% |
| 7 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3600 | 860 | 18.6 | 56.6 | 209.11 | *** | *** | *** | *** | *** | *** |
| 8 | Curry Seed | 633-62 | 3480 | 840 | 17.0 | 58.5 | 211.02 | 211.840 | 19 | 98% | \$1,366.37 | 19 | 98% |
| 9 | Curry Seed | 435-12 | 3680 | 850 | 18.1 | 59.2 | 217.60 | 218.420 | 12 | 101% | \$1,406.41 | 12 | 101% |
| 10 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3660 | 845 | 17.9 | 58.0 | 218.23 | *** | *** | *** | *** | *** | *** |
| 11 | Kruger | K4-9513 | 3200 | 840 | 14.8 | 59.2 | 199.19 | 195.245 | 27 | 91% | \$1,263.24 | 27 | 91% |
| 12 | Kruger | K4-9710 | 3505 | 840 | 14.9 | 59.0 | 217.92 | 213.974 | 16 | 99% | \$1,384.41 | 16 | 99% |
| 13 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3645 | 840 | 17.9 | 57.4 | 218.63 | *** | *** | *** | *** | *** | *** |
| 14 | Mycogen | 2V702 | 3420 | 840 | 15.9 | 58.4 | 210.13 | 207.569 | 22 | 96% | \$1,341.10 | 22 | 96% |
| 15 | Mycogen | 2V738 | 3285 | 840 | 14.5 | 58.4 | 205.20 | 202.634 | 23 | 94% | \$1,311.04 | 23 | 94% |
| 16 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3610 | 840 | 18.3 | 58.2 | 215.48 | *** | *** | *** | *** | *** | *** |
| 17 | Fontanelle Hybrids | 8V437 | 3660 | 835 | 16.3 | 57.6 | 225.15 | 222.703 | 9 | 103% | \$1,437.99 | 10 | 103% |
| 18 | Fontanelle Hybrids | 7A631 | 3475 | 835 | 14.8 | 59.3 | 217.60 | 215.154 | 15 | 100% | \$1,392.04 | 15 | 100% |
| 19 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3615 | 835 | 17.8 | 57.8 | 218.40 | *** | *** | *** | *** | *** | *** |
| 20 | DeKalb | DKC 62-97 | 3855 | 840 | 15.3 | 59.0 | 238.55 | 234.653 | 2 | 109% | \$1,517.50 | 2 | 109% |
| 21 | DeKalb | DKC 64-69 | 3600 | 835 | 14.8 | 59.0 | 225.43 | 221.530 | 11 | 103% | \$1,433.30 | 11 | 103% |
| 22 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3580 | 830 | 17.5 | 56.8 | 218.38 | *** | *** | *** | *** | *** | *** |
| 23 | Renze Hybrids | 2479 HX/LL/RR2 | 3460 | 835 | 17.1 | 59.0 | 210.81 | 210.455 | 20 | 98% | \$1,357.23 | 20 | 97% |
| 24 | Renze Hybrids | 3399 SST | 3215 | 835 | 14.4 | 58.7 | 202.26 | 201.908 | 24 | 94% | \$1,306.34 | 24 | 94% |
| 25 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3460 | 830 | 17.4 | 58.2 | 211.31 | *** | *** | *** | *** | *** | *** |
| 26 | Channel | 212-17 VT3P | 3670 | 830 | 15.2 | 60.0 | 230.11 | 227.674 | 6 | 106% | \$1,472.60 | 6 | 106% |
| 27 | Channel | 214-14 VT3P | 3855 | 830 | 14.9 | 59.3 | 242.56 | 240.129 | 1 | 112% | \$1,553.63 | 1 | 112% |
| 28 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3635 | 825 | 17.7 | 58.6 | 222.54 | *** | *** | *** | *** | *** | *** |
| 29 | Pioneer | P1395HR | 3175 | 820 | 15.7 | 60.7 | 200.31 | 198.286 | 26 | 92% | \$1,281.52 | 26 | 92% |
| 30 | Pioneer | 32D79 | 3755 | 830 | 17.7 | 60.8 | 228.50 | 226.472 | 7 | 105% | \$1,459.16 | 7 | 105% |
| 31 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3430 | 820 | 18.0 | 58.1 | 210.50 | *** | *** | *** | *** | *** | *** |
| 32 | Hoegemeyer | 8389 HXT/LL/RR | 3580 | 820 | 17.6 | 60.0 | 220.77 | 224.541 | 8 | 104% | \$1,446.94 | 8 | 104% |
| 33 | Hoegemeyer | 8505 HX/LL/RR | 3415 | 820 | 16.9 | 60.0 | 212.39 | 216.154 | 13 | 100% | \$1,394.41 | 13 | 100% |
| 34 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3450 | 820 | 18.3 | 58.5 | 210.95 | *** | *** | *** | *** | *** | *** |
| 35 | Croplan Genetics | 6525 VT3 | 3550 | 820 | 15.3 | 58.2 | 225.04 | 222.513 | 10 | 103% | \$1,438.99 | 9 | 103% |
| 36 | Croplan Genetics | 6286 SS | 3155 | 815 | 14.5 | 60.2 | 203.12 | 200.601 | 25 | 93% | \$1,297.89 | 25 | 93% |
| 37 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3595 | 810 | 18.1 | 57.4 | 223.07 | *** | *** | *** | *** | *** | *** |
| 38 | Ag Venture | GL8214AB | 3455 | 815 | 15.2 | 59.8 | 220.62 | 215.385 | 14 | 100% | \$1,393.11 | 14 | 100% |
| 39 | Ag Venture | R8899 | 3420 | 810 | 16.1 | 59.8 | 217.40 | 212.166 | 18 | 99% | \$1,370.38 | 18 | 98% |
| 40 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3470 | 810 | 17.7 | 58.0 | 216.37 | *** | *** | *** | *** | *** | *** |
| 41 | Golden Harvest | H-8969-3111 | 3400 | 810 | 16.9 | 55.8 | 214.07 | 213.910 | 17 | 99% | \$1,379.93 | 17 | 99% |
| 42 | Golden Harvest | H-9138-3000GT | 3640 | 810 | 16.9 | 58.9 | 229.18 | 229.021 | 4 | 106% | \$1,477.41 | 5 | 106% |
| 43 | Tester-Renze Hybrids | 2428B HXT/LL/RR2 | 3365 | 805 | 17.0 | 57.6 | 212.92 | *** | *** | *** | *** | *** | *** |
| Averages | | | 150870 | 35835 | 16.7 | 58.5 | 215.33 | | | | \$1,392.07 | | |
| High Yield | | | | | | | | | | | | | |
| Low Yield | | | | | | | | | | | | | |
| Variation | | | | | | | | | | | | | |
| Tester Avg. Yield | | 214.49 | Unadjusted | | Channel 214-14 VT3P | | | 242.56 | Jacobsen Seed 9727 VT3 | | 175.27 | 67.29 | |
| Tester Range | | 223.07 - 202.49 | | | | | | | | | | | |
| Tester Yield Variation | | 20.58 | Adjusted | | Channel 214-14 VT3P | | | 240.13 | Jacobsen Seed 9727 VT3 | | 183.65 | 56.48 | |
| High \$ | | | | | | | | | | | | | |
| Low \$ | | | | | | | | | | | | | |
| Variation | | | | | | | | | | | | | |
| Gross Income/Acre | | | | | Channel 214-14 VT3P | | | \$ 1,553.63 | Jacobsen Seed 9727 VT3 | | \$ 1,184.02 | \$369.61 | |

