

AURORA AGRONOMY CROP PERFORMANCE

EVALUATION



**AURORA
AGRONOMY**

| | | | | | |
|-----------------|--------------|---------------------|-------------|--------------------|--------------|
| Grower Name | Darren Brown | Crop | CORN | Plot Type | Side by Side |
| Grower City | Wray | Planting Date | 5/13/2014 | Irrigation Type | PIVOT |
| County | Yuma | Seeding Rate | 32,000 | Previous Crop | sorgum |
| ACE Location | | Planting Depth (in) | | Tillage System | MINNIMUM |
| Started Plot On | | Planter Type | | Soil Texture | SANDY LOAM |
| Flag Location | | Row Width | 30 | Insecticide / Rate | |
| GPS Latitude | 40 0.6891 | GPS Longitude | 102 25.2947 | Drying Cost / Bu | \$ 0.045 |
| Fungicide | | Herbicide | | | |
| | | Commodity Price | \$ 4.00 | | |

HARVEST DATA

| Brand | Product | Row Length | Wet Weight | Harvest Moisture % | # of Rows | Test Weight | Yield / Acre | % of Plot Average | Yield / Acre Rank | \$ / Acre Rank |
|---------|---------|------------|------------|--------------------|-----------|-------------|--------------|-------------------|-------------------|----------------|
| Curry | 830-39 | 1000 | 5940 | 15.8 | 8 | 59.2 | 230.2 | 103.4% | 1 | 1 |
| Pioneer | 1151 | 1000 | 5520 | 15.4 | 8 | 59.5 | 214.94 | 96.6% | 2 | 2 |

11/5/2014



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| | | | | | |
|-----------------|-------------------|---------------------|-----------|--------------------|--------------|
| Grower Name | Dwight Matt Brown | Crop | CORN | Plot Type | Side by Side |
| Grower City | Wray | Planting Date | 4/24/2014 | Irrigation Type | PIVOT |
| County | Yuma | Seeding Rate | 36,000 | Previous Crop | corn |
| ACE Location | Vernon | Planting Depth (in) | | Tillage System | MINNIMUM |
| Started Plot On | SOUTH | Planter Type | | Soil Texture | SANDY LOAM |
| Flag Location | | Row Width | 30 | Insecticide / Rate | |
| GPS Latitude | 39.9 | GPS Longitude | 102.5 | Drying Cost / Bu | \$ 0.045 |
| Fungicide | | Herbicide | | | |
| | | Commodity Price | \$ 4.00 | | |

HARVEST DATA

| Brand | Product | Row Length | Wet Weight | Harvest Moisture % | # of Rows | Test Weight | Yield / Acre | % of Plot Average | Yield / Acre Rank | \$ / Acre Rank |
|---------|---------|------------|------------|--------------------|-----------|-------------|--------------|-------------------|-------------------|----------------|
| Curry | 933-88 | 1364 | 15860 | 29.2 | 12 | 54.1 | 252.61 | 101.0% | 1 | 1 |
| Pioneer | P1151 | 1321 | 15450 | 29.7 | 12 | 54.5 | 252.29 | 100.9% | 2 | 2 |
| Dekalb | 62-98 | 1392 | 15510 | 28.2 | 12 | 53 | 245.48 | 98.1% | 3 | 3 |



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AGRONOMY**

| | | | | | |
|-----------------|---------------------|---------------------|-------------|--------------------|-----------------|
| Grower Name | JT Farms Joe Newton | Crop | CORN | Plot Type | Commercial Plot |
| Grower City | Eckley | Planting Date | 5/9/2014 | Irrigation Type | GRAVITY |
| County | Yuma | Seeding Rate | 35,000 | Previous Crop | dry beans |
| ACE Location | | Planting Depth (in) | | Tillage System | CONVENTIONAL |
| Started Plot On | | Planter Type | | Soil Texture | SANDY LOAM |
| Flag Location | | Row Width | 30 | Insecticide / Rate | |
| GPS Latitude | 40 3.0194 | GPS Longitude | 102 26.9773 | Drying Cost / Bu | \$ 0.045 |
| Fungicide | Quilt xl | Herbicide | | Commodity Price | \$ 4.00 |

HARVEST DATA

| Brand | Product | Row Length | Wet Weight | Harvest Moisture % | # of Rows | Test Weight | Yield / Acre | % of Plot Average | Yield / Acre Rank | \$ / Acre Rank |
|---------|------------|------------|------------|--------------------|-----------|-------------|--------------|-------------------|-------------------|----------------|
| Pioneer | 0621HR | 804 | 4430 | 14.3 | 6 | 60.5 | 289.79 | 101.3% | 13 | 7 |
| Dekalb | 5084 | 804 | 2710 | 12.9 | 4 | 60.2 | 270.26 | 94.5% | 23 | 19 |
| Pioneer | 0157 AM | 804 | 2970 | 14.4 | 4 | 61.2 | 291.08 | 101.8% | 11 | 4 |
| NK | 45P3011 A | 804 | 2616 | 14.3 | 4 | 59.2 | 256.69 | 89.8% | 28 | 29 |
| Exp | SJ42823110 | 804 | 2590 | 13.8 | 4 | 59.8 | 255.62 | 89.4% | 29 | 28 |
| Pioneer | 0419 AMX | 804 | 2900 | 15.4 | 4 | 62.7 | 280.9 | 98.2% | 18 | 18 |
| Dekalb | 54-38 | 802 | 2674 | 14.1 | 4 | 60.7 | 263.65 | 92.2% | 26 | 23 |
| Dekalb | 55-20 | 792 | 3090 | 16.8 | 4 | 61.1 | 298.81 | 104.5% | 9 | 6 |
| Mycogen | 2D599 ss | 802 | 2718 | 15.6 | 4 | 61.4 | 263.31 | 92.1% | 27 | 27 |
| Mycogen | 2R549 ss | 802 | 2740 | 15.5 | 4 | 58 | 265.75 | 92.9% | 24 | 26 |
| Pioneer | 0506 AM | 800 | 2960 | 15.0 | 4 | 59.9 | 289.51 | 101.2% | 15 | 12 |
| Exp | SJ50823111 | 800 | 2870 | 16.6 | 4 | 58.6 | 275.42 | 96.3% | 21 | 22 |
| NK | 59B3111A | 800 | 2902 | 17.8 | 4 | 57.5 | 274.49 | 96.0% | 22 | 24 |
| NK | 60F3111 | 798 | 2860 | 15.6 | 4 | 57.9 | 278.45 | 97.4% | 19 | 20 |
| Mycogen | 2V709A ss | 798 | 3160 | 17.6 | 4 | 58.7 | 300.37 | 105.0% | 7 | 9 |
| Pioneer | 1151 | 798 | 2858 | 16.3 | 4 | 62.6 | 275.95 | 96.5% | 20 | 21 |
| Dekalb | 61-54 | 796 | 2992 | 16.7 | 4 | 59.9 | 288.23 | 100.8% | 17 | 17 |
| Channel | 211-35 | 796 | 2984 | 16.1 | 4 | 60.6 | 289.53 | 101.3% | 14 | 14 |
| Pioneer | 1266 AM | 794 | 3188 | 18.0 | 4 | 59.3 | 303.08 | 106.0% | 5 | 5 |
| NK | 73Y3111 | 794 | 3134 | 17.7 | 4 | 56.8 | 299.03 | 104.6% | 8 | 11 |
| Dekalb | 62-27 | 792 | 2656 | 14.5 | 4 | 59 | 263.94 | 92.3% | 25 | 25 |
| Dekalb | 62-77 | 794 | 3040 | 16.6 | 4 | 58.7 | 293.94 | 102.8% | 10 | 13 |
| Curry | 733-76 | 794 | 3294 | 18.0 | 4 | 62 | 313.16 | 109.5% | 2 | 2 |
| Channel | 213-59ss | 792 | 2960 | 16.0 | 4 | 58.4 | 288.99 | 101.1% | 16 | 15 |
| Pioneer | 1311chr | 792 | 3390 | 18.0 | 4 | 58.7 | 323.1 | 113.0% | 1 | 1 |
| Dekalb | 64-87 | 792 | 3200 | 18.4 | 4 | 58.7 | 303.5 | 106.1% | 4 | 8 |
| Curry | 735-44 | 792 | 3236 | 19.1 | 4 | 61.1 | 304.28 | 106.4% | 3 | 10 |
| Pioneer | 1602 AMX | 792 | 3250 | 20.3 | 4 | 61.2 | 301.06 | 105.3% | 6 | 16 |
| Pioneer | 621 | 792 | 4370 | 14.2 | 6 | 59.8 | 290.53 | 101.6% | 12 | 3 |