FieldAlytics

# Farm Plan

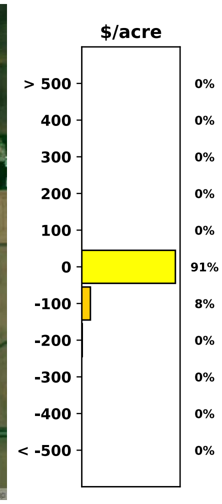
## ABC Enterprises : East Farm : New Ground : 2019 : Soybean

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 47,563.73 | 8.79 | 590.72 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **47,563.73** | **8.79** | **590.72** | **751.09** |
| Seed | 5,877.81 | 1.09 | 73.00 | 94.85 |
| Fertilizer | 3,760.19 | 0.69 | 46.70 | 134.82 |
| Chemical | 3,623.31 | 0.67 | 45.00 | 60.34 |
| Land | 19,726.90 | 3.65 | 245.00 | 229.14 |
| Grain Drying/Handling/Hauling | 0.00 | 0.00 | 0.00 | 14.65 |
| Equipment | 8,124.26 | 1.50 | 100.90 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 1,771.40 | 0.33 | 22.00 | 23.67 |
| Insurance | 1,288.29 | 0.24 | 16.00 | 18.63 |
| Interest | 1,207.77 | 0.22 | 15.00 | 17.81 |
| Overhead/Home and Personal | 2,335.02 | 0.43 | 29.00 | 27.35 |
| Other | 1,368.81 | 0.25 | 17.00 | 20.12 |
| **Total Expenses** | **49,083.76** | **9.07** | **609.60** | **733.63** |
| **Field Profit** | **-1,520.02** | **-0.28** | **-18.88** | **17.46** |

**Nutrient Analysis:** N: 18.0, P: 46.0, K: 108.0

### Profit


| | |
|---|---|
| **Field area** | 80.5 ac |
| **Total Yield** | 5,411.1 bu |
| **Average Yield** | 67.2 bu/ac |
| **Profit per acre Field Rank** | 13 of 24 |
| **Cost per bu Field Rank** | 6 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **60 (-10%)** | **64 (-5%)** | **67** | **71 (+5%)** | **74 (+10%)** |
| **7.91 (-10%)** | -131.12 | -104.53 | -77.95 | -51.37 | -24.79 |
| **8.35 (-5%)** | -104.53 | -76.47 | -48.41 | -20.35 | 7.70 |
| **8.79** | -77.95 | -48.41 | -18.88 | 10.66 | 40.19 |
| **9.23 (+5%)** | -51.37 | -20.35 | 10.66 | 41.67 | 72.68 |
| **9.67 (+10%)** | -24.79 | 7.70 | 40.19 | 72.68 | 105.17 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **60 (-10%)** | **64 (-5%)** | **67** | **71 (+5%)** | **74 (+10%)** |
| **7.91 (-10%)** | 113.88 | 140.47 | 167.05 | 193.63 | 220.21 |
| **8.35 (-5%)** | 140.47 | 168.53 | 196.59 | 224.65 | 252.70 |
| **8.79** | 167.05 | 196.59 | 226.12 | 255.66 | 285.19 |
| **9.23 (+5%)** | 193.63 | 224.65 | 255.66 | 286.67 | 317.68 |
| **9.67 (+10%)** | 220.21 | 252.70 | 285.19 | 317.68 | 350.17 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Phosphorus and Potassium** | | | | | | | | |
| **Nutrient Analysis:** N: 18.0, P: 46.0, K: 108.0 | | | | | | | | |
| April 01 | DAP 18-46-0 | 0.05 ton/ac | 4.03 ton | 412.00 $/ton | $20.61 | $0.31 | $1,659.38 | $1,659.38 |
| | Potash 0-0-60 | 0.09 ton/ac | 7.25 ton | 290.00 $/ton | $26.11 | $0.39 | $2,102.42 | $3,761.81 |
| | | | | **Total** | **$46.72** | **$0.70** | **$3,761.81** | |
| | | | | | | | | |
| | | | | **Total** | **$46.72** | **$0.70** | **$3,761.81** | |

# Farm Plan

FieldAlytics

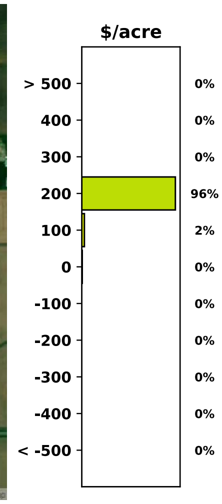
## ABC Enterprises : East Farm : New Ground : 2021 : Soybean

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 65,120.03 | 12.03 | 808.76 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **65,120.03** | **12.03** | **808.76** | **751.09** |
| Seed | 5,958.33 | 1.10 | 74.00 | 94.85 |
| Fertilizer | 4,559.33 | 0.84 | 56.62 | 134.82 |
| Chemical | 3,623.31 | 0.67 | 45.00 | 60.34 |
| Land | 17,794.47 | 3.29 | 221.00 | 229.14 |
| Grain Drying/Handling/Hauling | 0.00 | 0.00 | 0.00 | 14.65 |
| Equipment | 7,133.89 | 1.32 | 88.60 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 1,698.93 | 0.31 | 21.10 | 23.67 |
| Insurance | 1,288.29 | 0.24 | 16.00 | 18.63 |
| Interest | 1,690.88 | 0.31 | 21.00 | 17.81 |
| Overhead/Home and Personal | 2,254.50 | 0.42 | 28.00 | 27.35 |
| Other | 1,368.81 | 0.25 | 17.00 | 20.12 |
| **Total Expenses** | **47,370.74** | **8.75** | **588.33** | **733.63** |
| **Field Profit** | **17,749.29** | **3.28** | **220.44** | **17.46** |

**Nutrient Analysis:** N: 13.2, P: 62.4, K: 90.0

### Profit


| | |
|---|---|
| **Field area** | 80.5 ac |
| **Total Yield** | 5,413.1 bu |
| **Average Yield** | 67.2 bu/ac |
| **Profit per acre Field Rank** | 2 of 24 |
| **Cost per bu Field Rank** | 7 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **61 (-10%)** | **64 (-5%)** | **67** | **71 (+5%)** | **74 (+10%)** |
| **10.83 (-10%)** | 66.77 | 103.17 | 139.56 | 175.96 | 212.35 |
| **11.43 (-5%)** | 103.17 | 141.58 | 180.00 | 218.42 | 256.83 |
| **12.03** | 139.56 | 180.00 | 220.44 | 260.88 | 301.32 |
| **12.63 (+5%)** | 175.96 | 218.42 | 260.88 | 303.34 | 345.80 |
| **13.23 (+10%)** | 212.35 | 256.83 | 301.32 | 345.80 | 390.28 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **61 (-10%)** | **64 (-5%)** | **67** | **71 (+5%)** | **74 (+10%)** |
| **10.83 (-10%)** | 287.77 | 324.17 | 360.56 | 396.96 | 433.35 |
| **11.43 (-5%)** | 324.17 | 362.58 | 401.00 | 439.42 | 477.83 |
| **12.03** | 360.56 | 401.00 | 441.44 | 481.88 | 522.32 |
| **12.63 (+5%)** | 396.96 | 439.42 | 481.88 | 524.34 | 566.80 |
| **13.23 (+10%)** | 433.35 | 477.83 | 522.32 | 566.80 | 611.28 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Phosphorus and Potassium** | | | | | | | | |
| **Nutrient Analysis:** N: 13.2, P: 62.4, K: 90.0 | | | | | | | | |
| March 05 | MAP 11-52-0 | 0.06 ton/ac | 4.83 ton | 510.00 $/ton | $30.61 | $0.46 | $2,464.91 | $2,464.91 |
| | Potash 0-0-60 | 0.08 ton/ac | 6.04 ton | 347.00 $/ton | $26.04 | $0.39 | $2,096.38 | $4,561.29 |
| | | | | **Total** | **$56.65** | **$0.84** | **$4,561.29** | |
| | | | | | | | | |
| | | | | **Total** | **$56.65** | **$0.84** | **$4,561.29** | |

FieldAlytics

# Farm Plan

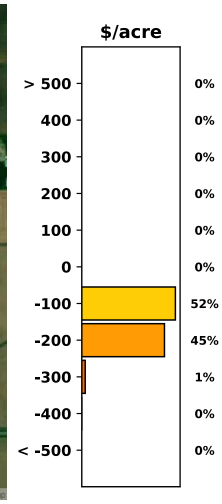
## ABC Enterprises : East Farm : New Ground : 2020 : Corn

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 57,239.08 | 3.90 | 710.89 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **57,239.08** | **3.90** | **710.89** | **751.09** |
| Seed | 9,340.08 | 0.64 | 116.00 | 94.85 |
| Fertilizer | 17,228.83 | 1.17 | 213.97 | 134.82 |
| Chemical | 6,038.85 | 0.41 | 75.00 | 60.34 |
| Land | 18,036.03 | 1.23 | 224.00 | 229.14 |
| Grain Drying/Handling/Hauling | 1,449.32 | 0.10 | 18.00 | 14.65 |
| Equipment | 8,148.42 | 0.56 | 101.20 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 1,868.02 | 0.13 | 23.20 | 23.67 |
| Insurance | 1,771.40 | 0.12 | 22.00 | 18.63 |
| Interest | 1,449.32 | 0.10 | 18.00 | 17.81 |
| Overhead/Home and Personal | 2,576.58 | 0.18 | 32.00 | 27.35 |
| Other | 2,012.95 | 0.14 | 25.00 | 20.12 |
| **Total Expenses** | **69,919.79** | **4.76** | **868.38** | **733.63** |
| **Field Profit** | **-12,680.71** | **-0.86** | **-157.49** | **17.46** |

**Nutrient Analysis:** N: 188.7, P: 78.0, K: 120.0, Lime: 2,250.0

### Profit


| | |
|---|---|
| **Field area** | 80.5 ac |
| **Total Yield** | 14,676.7 bu |
| **Average Yield** | 182.3 bu/ac |
| **Profit per acre Field Rank** | 23 of 24 |
| **Cost per bu Field Rank** | 12 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **164 (-10%)** | **173 (-5%)** | **182** | **191 (+5%)** | **201 (+10%)** |
| **3.51 (-10%)** | -292.56 | -260.57 | -228.58 | -196.59 | -164.60 |
| **3.70 (-5%)** | -260.57 | -226.80 | -193.03 | -159.27 | -125.50 |
| **3.90** | -228.58 | -193.03 | -157.49 | -121.94 | -86.40 |
| **4.09 (+5%)** | -196.59 | -159.27 | -121.94 | -84.62 | -47.30 |
| **4.29 (+10%)** | -164.60 | -125.50 | -86.40 | -47.30 | -8.20 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **164 (-10%)** | **173 (-5%)** | **182** | **191 (+5%)** | **201 (+10%)** |
| **3.51 (-10%)** | -68.56 | -36.57 | -4.58 | 27.41 | 59.40 |
| **3.70 (-5%)** | -36.57 | -2.80 | 30.97 | 64.73 | 98.50 |
| **3.90** | -4.58 | 30.97 | 66.51 | 102.06 | 137.60 |
| **4.09 (+5%)** | 27.41 | 64.73 | 102.06 | 139.38 | 176.70 |
| **4.29 (+10%)** | 59.40 | 98.50 | 137.60 | 176.70 | 215.80 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Anhydrous** | | | | | | | | |
| **Nutrient Analysis:** N: 172.2 | | | | | | | | |
| November 14 | Anhydrous | 0.11 ton/ac | 8.46 ton | 850.00 $/ton | $89.29 | $0.49 | $7,189.32 | $7,189.32 |
| | | | | **Total** | **$89.29** | **$0.49** | **$7,189.32** | |
| **Event: Phosphorus Potassium and Lime** | | | | | | | | |
| **Nutrient Analysis:** N: 16.5, P: 78.0, K: 120.0, Lime: 2,250.0 | | | | | | | | |
| March 02 | Lime 75 | 1.50 ton/ac | 120.83 ton | 38.00 $/ton | $57.02 | $0.31 | $4,591.50 | $11,780.82 |
| | MAP 11-52-0 | 0.08 ton/ac | 6.04 ton | 487.00 $/ton | $36.54 | $0.20 | $2,942.18 | $14,723.00 |
| | Potash 0-0-60 | 0.10 ton/ac | 8.06 ton | 312.00 $/ton | $31.21 | $0.17 | $2,513.24 | $17,236.25 |
| | | | | **Total** | **$124.78** | **$0.68** | **$10,046.93** | |
| | | | | **Total** | **$214.07** | **$1.17** | **$17,236.25** | |

FieldAlytics

# Farm Plan

## ABC Enterprises : East Farm : North Field : 2019 : Corn

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 53,263.14 | 3.58 | 764.58 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **53,263.14** | **3.58** | **764.58** | **751.09** |
| Seed | 7,941.64 | 0.53 | 114.00 | 94.85 |
| Fertilizer | 11,271.55 | 0.76 | 161.80 | 134.82 |
| Chemical | 4,946.11 | 0.33 | 71.00 | 60.34 |
| Land | 17,067.56 | 1.15 | 245.00 | 229.14 |
| Grain Drying/Handling/Hauling | 1,253.94 | 0.08 | 18.00 | 14.65 |
| Equipment | 7,049.95 | 0.47 | 101.20 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 1,546.53 | 0.10 | 22.20 | 23.67 |
| Insurance | 1,671.92 | 0.11 | 24.00 | 18.63 |
| Interest | 1,253.94 | 0.08 | 18.00 | 17.81 |
| Overhead/Home and Personal | 2,229.23 | 0.15 | 32.00 | 27.35 |
| Other | 1,671.92 | 0.11 | 24.00 | 20.12 |
| **Total Expenses** | **57,904.30** | **3.89** | **831.20** | **733.63** |
| **Field Profit** | **-4,641.16** | **-0.31** | **-66.62** | **17.46** |

**Nutrient Analysis:** N: 185.4, P: 62.4, K: 120.0, Lime: 1,500.0

### Profit



| | |
|---|---|
| **Field area** | 69.7 ac |
| **Total Yield** | 14,878.0 bu |
| **Average Yield** | 213.6 bu/ac |
| **Profit per acre Field Rank** | 20 of 24 |
| **Cost per bu Field Rank** | 18 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **192 (-10%)** | **203 (-5%)** | **214** | **224 (+5%)** | **235 (+10%)** |
| **3.22 (-10%)** | -211.89 | -177.49 | -143.08 | -108.67 | -74.27 |
| **3.40 (-5%)** | -177.49 | -141.17 | -104.85 | -68.53 | -32.22 |
| **3.58** | -143.08 | -104.85 | -66.62 | -28.39 | 9.84 |
| **3.76 (+5%)** | -108.67 | -68.53 | -28.39 | 11.75 | 51.89 |
| **3.94 (+10%)** | -74.27 | -32.22 | 9.84 | 51.89 | 93.94 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **192 (-10%)** | **203 (-5%)** | **214** | **224 (+5%)** | **235 (+10%)** |
| **3.22 (-10%)** | 33.11 | 67.51 | 101.92 | 136.33 | 170.73 |
| **3.40 (-5%)** | 67.51 | 103.83 | 140.15 | 176.47 | 212.78 |
| **3.58** | 101.92 | 140.15 | 178.38 | 216.61 | 254.84 |
| **3.76 (+5%)** | 136.33 | 176.47 | 216.61 | 256.75 | 296.89 |
| **3.94 (+10%)** | 170.73 | 212.78 | 254.84 | 296.89 | 338.94 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Anhydrous** | | | | | | | | |
| **Nutrient Analysis:** N: 172.2 | | | | | | | | |
| March 03 | Anhydrous | 0.11 ton/ac | 7.32 ton | 480.00 $/ton | $50.42 | $0.24 | $3,512.58 | $3,512.58 |
| | | | | **Total** | **$50.42** | **$0.24** | **$3,512.58** | |
| **Event: Phosphorus Potassium and Lime** | | | | | | | | |
| **Nutrient Analysis:** N: 13.2, P: 62.4, K: 120.0, Lime: 1,500.0 | | | | | | | | |
| March 21 | Lime 75 | 1.00 ton/ac | 69.69 ton | 50.00 $/ton | $50.02 | $0.23 | $3,484.70 | $6,997.28 |
| | MAP 11-52-0 | 0.06 ton/ac | 4.18 ton | 510.00 $/ton | $30.61 | $0.14 | $2,132.64 | $9,129.91 |
| | Potash 0-0-60 | 0.10 ton/ac | 6.97 ton | 308.00 $/ton | $30.81 | $0.14 | $2,146.57 | $11,276.49 |
| | | | | **Total** | **$111.45** | **$0.52** | **$7,763.91** | |
| | | | | **Total** | **$161.87** | **$0.76** | **$11,276.49** | |

# Farm Plan

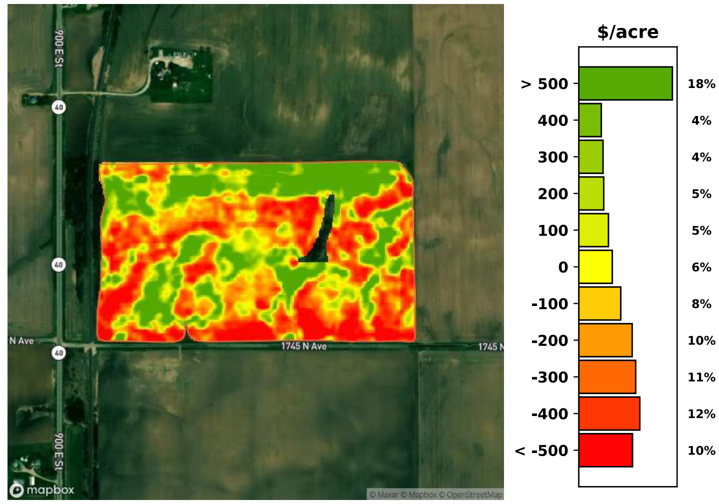
## ABC Enterprises : East Farm : North Field : 2021 : Corn

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 59,440.30 | 4.58 | 853.25 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **59,440.30** | **4.58** | **853.25** | **751.09** |
| Seed | 8,080.97 | 0.62 | 116.00 | 94.85 |
| Fertilizer | 13,274.38 | 1.02 | 190.55 | 134.82 |
| Chemical | 5,712.41 | 0.44 | 82.00 | 60.34 |
| Land | 15,395.63 | 1.19 | 221.00 | 229.14 |
| Grain Drying/Handling/Hauling | 975.29 | 0.08 | 14.00 | 14.65 |
| Equipment | 6,151.29 | 0.47 | 88.30 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 1,497.77 | 0.12 | 21.50 | 23.67 |
| Insurance | 1,671.92 | 0.13 | 24.00 | 18.63 |
| Interest | 1,602.26 | 0.12 | 23.00 | 17.81 |
| Overhead/Home and Personal | 2,229.23 | 0.17 | 32.00 | 27.35 |
| Other | 1,671.92 | 0.13 | 24.00 | 20.12 |
| **Total Expenses** | **58,263.07** | **4.49** | **836.35** | **733.63** |
| **Field Profit** | **1,177.23** | **0.09** | **16.90** | **17.46** |

**Nutrient Analysis:** N: 181.6, P: 83.2, K: 90.0, Lime: 1,875.0

### Profit




| | |
|---|---|
| **Field area** | 69.7 ac |
| **Total Yield** | 12,978.2 bu |
| **Average Yield** | 186.3 bu/ac |
| **Profit per acre Field Rank** | 12 of 24 |
| **Cost per bu Field Rank** | 14 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **168 (-10%)** | **177 (-5%)** | **186** | **196 (+5%)** | **205 (+10%)** |
| **4.12 (-10%)** | -145.22 | -106.82 | -68.43 | -30.03 | 8.37 |
| **4.35 (-5%)** | -106.82 | -66.29 | -25.76 | 14.77 | 55.30 |
| **4.58** | -68.43 | -25.76 | 16.90 | 59.56 | 102.22 |
| **4.81 (+5%)** | -30.03 | 14.77 | 59.56 | 104.36 | 149.15 |
| **5.04 (+10%)** | 8.37 | 55.30 | 102.22 | 149.15 | 196.08 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **168 (-10%)** | **177 (-5%)** | **186** | **196 (+5%)** | **205 (+10%)** |
| **4.12 (-10%)** | 75.78 | 114.18 | 152.57 | 190.97 | 229.37 |
| **4.35 (-5%)** | 114.18 | 154.71 | 195.24 | 235.77 | 276.30 |
| **4.58** | 152.57 | 195.24 | 237.90 | 280.56 | 323.22 |
| **4.81 (+5%)** | 190.97 | 235.77 | 280.56 | 325.36 | 370.15 |
| **5.04 (+10%)** | 229.37 | 276.30 | 323.22 | 370.15 | 417.08 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Fertilizer Event** | | | | | | | | |
| **Nutrient Analysis:** N: 164.0 | | | | | | | | |
| October 30 | Anhydrous | 0.10 ton/ac | 6.97 ton | 550.00 $/ton | $55.02 | $0.30 | $3,833.17 | $3,833.17 |
| | | | | **Total** | **$55.02** | **$0.30** | **$3,833.17** | |
| **Event: Phosphorus Potassium and Lime** | | | | | | | | |
| **Nutrient Analysis:** N: 17.6, P: 83.2, K: 90.0, Lime: 1,875.0 | | | | | | | | |
| April 01 | Lime 75 | 1.25 ton/ac | 87.12 ton | 48.00 $/ton | $60.03 | $0.32 | $4,181.64 | $8,014.81 |
| | MAP 11-52-0 | 0.08 ton/ac | 5.58 ton | 560.00 $/ton | $44.82 | $0.24 | $3,122.29 | $11,137.10 |
| | Potash 0-0-60 | 0.08 ton/ac | 5.23 ton | 410.00 $/ton | $30.76 | $0.17 | $2,143.09 | $13,280.19 |
| | | | | **Total** | **$135.61** | **$0.73** | **$9,447.02** | |
| | | | | **Total** | **$190.63** | **$1.02** | **$13,280.19** | |

# Farm Plan

## ABC Enterprises : East Farm : North Field : 2020 : Soybean

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 37,383.86 | 9.00 | 536.63 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **37,383.86** | **9.00** | **536.63** | **751.09** |
| Seed | 4,388.80 | 1.06 | 63.00 | 94.85 |
| Fertilizer | 4,209.42 | 1.01 | 60.42 | 134.82 |
| Chemical | 3,134.86 | 0.75 | 45.00 | 60.34 |
| Land | 15,604.62 | 3.76 | 224.00 | 229.14 |
| Grain Drying/Handling/Hauling | 0.00 | 0.00 | 0.00 | 14.65 |
| Equipment | 7,029.05 | 1.69 | 100.90 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 1,602.26 | 0.39 | 23.00 | 23.67 |
| Insurance | 975.29 | 0.23 | 14.00 | 18.63 |
| Interest | 1,114.62 | 0.27 | 16.00 | 17.81 |
| Overhead/Home and Personal | 1,950.58 | 0.47 | 28.00 | 27.35 |
| Other | 1,253.94 | 0.30 | 18.00 | 20.12 |
| **Total Expenses** | **41,263.43** | **9.93** | **592.33** | **733.63** |
| **Field Profit** | **-3,879.58** | **-0.93** | **-55.69** | **17.46** |

**Nutrient Analysis:** N: 24.3, P: 62.1, K: 114.0

### Profit


| | |
|---|---|
| **Field area** | 69.7 ac |
| **Total Yield** | 4,153.8 bu |
| **Average Yield** | 59.6 bu/ac |
| **Profit per acre Field Rank** | 19 of 24 |
| **Cost per bu Field Rank** | 4 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **54 (-10%)** | **57 (-5%)** | **60** | **63 (+5%)** | **66 (+10%)** |
| **8.10 (-10%)** | -157.65 | -133.50 | -109.35 | -85.21 | -61.06 |
| **8.55 (-5%)** | -133.50 | -108.01 | -82.52 | -57.03 | -31.54 |
| **9.00** | -109.35 | -82.52 | -55.69 | -28.86 | -2.03 |
| **9.45 (+5%)** | -85.21 | -57.03 | -28.86 | -0.69 | 27.49 |
| **9.90 (+10%)** | -61.06 | -31.54 | -2.03 | 27.49 | 57.00 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **54 (-10%)** | **57 (-5%)** | **60** | **63 (+5%)** | **66 (+10%)** |
| **8.10 (-10%)** | 66.35 | 90.50 | 114.65 | 138.79 | 162.94 |
| **8.55 (-5%)** | 90.50 | 115.99 | 141.48 | 166.97 | 192.46 |
| **9.00** | 114.65 | 141.48 | 168.31 | 195.14 | 221.97 |
| **9.45 (+5%)** | 138.79 | 166.97 | 195.14 | 223.31 | 251.49 |
| **9.90 (+10%)** | 162.94 | 192.46 | 221.97 | 251.49 | 281.00 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Phosphorus and Potassium** | | | | | | | | |
| **Nutrient Analysis:** N: 24.3, P: 62.1, K: 114.0 | | | | | | | | |
| March 17 | DAP 18-46-0 | 0.07 ton/ac | 4.70 ton | 480.00 $/ton | $32.41 | $0.54 | $2,258.09 | $2,258.09 |
| | Potash 0-0-60 | 0.10 ton/ac | 6.62 ton | 295.00 $/ton | $28.04 | $0.47 | $1,953.17 | $4,211.26 |
| | | | | **Total** | **$60.45** | **$1.01** | **$4,211.26** | |
| | | | | | | | | |
| | | | | **Total** | **$60.45** | **$1.01** | **$4,211.26** | |

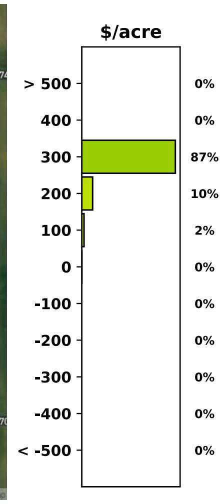
# ABC Enterprises : East Farm : Center Field : 2021 : Soybean

## Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 126,313.41 | 12.03 | 867.74 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **126,313.41** | **12.03** | **867.74** | **751.09** |
| Seed | 10,771.86 | 1.03 | 74.00 | 94.85 |
| Fertilizer | 8,242.66 | 0.79 | 56.63 | 134.82 |
| Chemical | 6,550.46 | 0.62 | 45.00 | 60.34 |
| Land | 32,170.02 | 3.06 | 221.00 | 229.14 |
| Grain Drying/Handling/Hauling | 0.00 | 0.00 | 0.00 | 14.65 |
| Equipment | 12,897.12 | 1.23 | 88.60 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 3,071.44 | 0.29 | 21.10 | 23.67 |
| Insurance | 2,329.05 | 0.22 | 16.00 | 18.63 |
| Interest | 3,056.88 | 0.29 | 21.00 | 17.81 |
| Overhead/Home and Personal | 4,075.84 | 0.39 | 28.00 | 27.35 |
| Other | 2,474.62 | 0.24 | 17.00 | 20.12 |
| **Total Expenses** | **85,639.93** | **8.16** | **588.33** | **733.63** |
| **Field Profit** | **40,673.48** | **3.87** | **279.42** | **17.46** |

**Nutrient Analysis:** N: 13.2, P: 62.4, K: 90.0

## Profit


| | |
|---|---|
| **Field area** | 145.6 ac |
| **Total Yield** | 10,499.9 bu |
| **Average Yield** | 72.1 bu/ac |
| **Profit per acre Field Rank** | 1 of 24 |
| **Cost per bu Field Rank** | 9 of 24 |

## Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **65 (-10%)** | **69 (-5%)** | **72** | **76 (+5%)** | **79 (+10%)** |
| **10.83 (-10%)** | 114.55 | 153.59 | 192.64 | 231.69 | 270.74 |
| **11.43 (-5%)** | 153.59 | 194.81 | 236.03 | 277.25 | 318.47 |
| **12.03** | 192.64 | 236.03 | 279.42 | 322.80 | 366.19 |
| **12.63 (+5%)** | 231.69 | 277.25 | 322.80 | 368.36 | 413.92 |
| **13.23 (+10%)** | 270.74 | 318.47 | 366.19 | 413.92 | 461.64 |

## Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **65 (-10%)** | **69 (-5%)** | **72** | **76 (+5%)** | **79 (+10%)** |
| **10.83 (-10%)** | 335.55 | 374.59 | 413.64 | 452.69 | 491.74 |
| **11.43 (-5%)** | 374.59 | 415.81 | 457.03 | 498.25 | 539.47 |
| **12.03** | 413.64 | 457.03 | 500.42 | 543.80 | 587.19 |
| **12.63 (+5%)** | 452.69 | 498.25 | 543.80 | 589.36 | 634.92 |
| **13.23 (+10%)** | 491.74 | 539.47 | 587.19 | 634.92 | 682.64 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Phosphorus and Potassium** | | | | | | | | |
| **Nutrient Analysis:** N: 13.2, P: 62.4, K: 90.0 | | | | | | | | |
| March 05 | MAP 11-52-0 | 0.06 ton/ac | 8.74 ton | 510.00 $/ton | $30.61 | $0.42 | $4,456.25 | $4,456.25 |
| | Potash 0-0-60 | 0.08 ton/ac | 10.92 ton | 347.00 $/ton | $26.04 | $0.36 | $3,790.00 | $8,246.26 |
| | | | | **Total** | **$56.65** | **$0.79** | **$8,246.26** | |
| | | | | | | | | |
| | | | | **Total** | **$56.65** | **$0.79** | **$8,246.26** | |

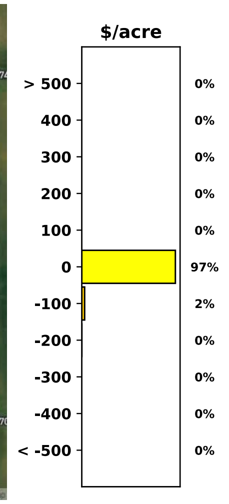
# ABC Enterprises : East Farm : Center Field : 2019 : Soybean

## Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 92,249.73 | 8.79 | 633.73 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **92,249.73** | **8.79** | **633.73** | **751.09** |
| Seed | 10,626.29 | 1.01 | 73.00 | 94.85 |
| Fertilizer | 6,797.92 | 0.65 | 46.70 | 134.82 |
| Chemical | 6,550.46 | 0.62 | 45.00 | 60.34 |
| Land | 35,663.59 | 3.40 | 245.00 | 229.14 |
| Grain Drying/Handling/Hauling | 0.00 | 0.00 | 0.00 | 14.65 |
| Equipment | 14,687.58 | 1.40 | 100.90 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 3,202.44 | 0.31 | 22.00 | 23.67 |
| Insurance | 2,329.05 | 0.22 | 16.00 | 18.63 |
| Interest | 2,183.49 | 0.21 | 15.00 | 17.81 |
| Overhead/Home and Personal | 4,221.40 | 0.40 | 29.00 | 27.35 |
| Other | 2,474.62 | 0.24 | 17.00 | 20.12 |
| **Total Expenses** | **88,736.84** | **8.46** | **609.60** | **733.63** |
| **Field Profit** | **3,512.89** | **0.33** | **24.13** | **17.46** |

**Nutrient Analysis:** N: 18.0, P: 46.0, K: 108.0

## Profit


| | |
|---|---|
| **Field area** | 145.6 ac |
| **Total Yield** | 10,494.8 bu |
| **Average Yield** | 72.1 bu/ac |
| **Profit per acre Field Rank** | 11 of 24 |
| **Cost per bu Field Rank** | 8 of 24 |

## Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **65 (-10%)** | **68 (-5%)** | **72** | **76 (+5%)** | **79 (+10%)** |
| **7.91 (-10%)** | -96.28 | -67.76 | -39.24 | -10.72 | 17.80 |
| **8.35 (-5%)** | -67.76 | -37.66 | -7.55 | 22.55 | 52.65 |
| **8.79** | -39.24 | -7.55 | 24.13 | 55.82 | 87.51 |
| **9.23 (+5%)** | -10.72 | 22.55 | 55.82 | 89.09 | 122.36 |
| **9.67 (+10%)** | 17.80 | 52.65 | 87.51 | 122.36 | 157.22 |

## Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **65 (-10%)** | **68 (-5%)** | **72** | **76 (+5%)** | **79 (+10%)** |
| **7.91 (-10%)** | 148.72 | 177.24 | 205.76 | 234.28 | 262.80 |
| **8.35 (-5%)** | 177.24 | 207.34 | 237.45 | 267.55 | 297.65 |
| **8.79** | 205.76 | 237.45 | 269.13 | 300.82 | 332.51 |
| **9.23 (+5%)** | 234.28 | 267.55 | 300.82 | 334.09 | 367.36 |
| **9.67 (+10%)** | 262.80 | 297.65 | 332.51 | 367.36 | 402.22 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Phosphorus and Potassium** | | | | | | | | |
| **Nutrient Analysis:** N: 18.0, P: 46.0, K: 108.0 | | | | | | | | |
| April 01 | DAP 18-46-0 | 0.05 ton/ac | 7.28 ton | 412.00 $/ton | $20.61 | $0.29 | $2,999.96 | $2,999.96 |
| | Potash 0-0-60 | 0.09 ton/ac | 13.11 ton | 290.00 $/ton | $26.11 | $0.36 | $3,800.92 | $6,800.89 |
| | | | | **Total** | **$46.72** | **$0.65** | **$6,800.89** | |
| | | | | | | | | |
| | | | | **Total** | **$46.72** | **$0.65** | **$6,800.89** | |

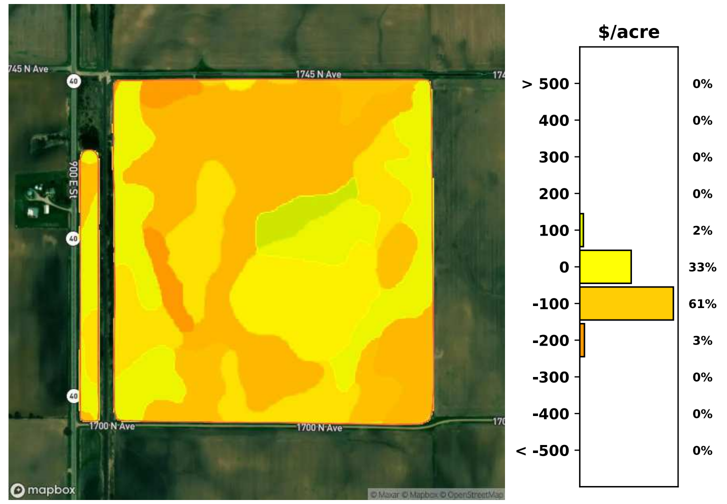
## ABC Enterprises : East Farm : Center Field : 2020 : Corn

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 114,866.22 | 3.90 | 789.10 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **114,866.22** | **3.90** | **789.10** | **751.09** |
| Seed | 16,885.62 | 0.57 | 116.00 | 94.85 |
| Fertilizer | 29,655.37 | 1.01 | 203.73 | 134.82 |
| Chemical | 10,917.43 | 0.37 | 75.00 | 60.34 |
| Land | 32,606.71 | 1.11 | 224.00 | 229.14 |
| Grain Drying/Handling/Hauling | 2,620.18 | 0.09 | 18.00 | 14.65 |
| Equipment | 14,731.25 | 0.50 | 101.20 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 3,377.12 | 0.11 | 23.20 | 23.67 |
| Insurance | 3,202.44 | 0.11 | 22.00 | 18.63 |
| Interest | 2,620.18 | 0.09 | 18.00 | 17.81 |
| Overhead/Home and Personal | 4,658.10 | 0.16 | 32.00 | 27.35 |
| Other | 3,639.14 | 0.12 | 25.00 | 20.12 |
| **Total Expenses** | **124,913.55** | **4.24** | **858.12** | **733.63** |
| **Field Profit** | **-10,047.33** | **-0.34** | **-69.02** | **17.46** |

**Nutrient Analysis:** N: 16.5, P: 78.0, K: 120.0, Lime: 2,250.0

### Profit




| | |
|---|---|
| **Field area** | 145.6 ac |
| **Total Yield** | 29,452.9 bu |
| **Average Yield** | 202.3 bu/ac |
| **Profit per acre Field Rank** | 22 of 24 |
| **Cost per bu Field Rank** | 15 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **182 (-10%)** | **192 (-5%)** | **202** | **212 (+5%)** | **223 (+10%)** |
| **3.51 (-10%)** | -218.95 | -183.44 | -147.93 | -112.42 | -76.91 |
| **3.70 (-5%)** | -183.44 | -145.96 | -108.48 | -71.00 | -33.51 |
| **3.90** | -147.93 | -108.48 | -69.02 | -29.57 | 9.89 |
| **4.09 (+5%)** | -112.42 | -71.00 | -29.57 | 11.86 | 53.29 |
| **4.29 (+10%)** | -76.91 | -33.51 | 9.89 | 53.29 | 96.69 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **182 (-10%)** | **192 (-5%)** | **202** | **212 (+5%)** | **223 (+10%)** |
| **3.51 (-10%)** | 5.05 | 40.56 | 76.07 | 111.58 | 147.09 |
| **3.70 (-5%)** | 40.56 | 78.04 | 115.52 | 153.00 | 190.49 |
| **3.90** | 76.07 | 115.52 | 154.98 | 194.43 | 233.89 |
| **4.09 (+5%)** | 111.58 | 153.00 | 194.43 | 235.86 | 277.29 |
| **4.29 (+10%)** | 147.09 | 190.49 | 233.89 | 277.29 | 320.69 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Phosphorus Potassium and Lime** | | | | | | | | |
| **Nutrient Analysis:** N: 16.5, P: 78.0, K: 120.0, Lime: 2,250.0 | | | | | | | | |
| October 30 | Lime 75 | 1.50 ton/ac | 218.44 ton | 38.00 $/ton | $57.02 | $0.28 | $8,300.87 | $8,300.87 |
| | MAP 11-52-0 | 0.08 ton/ac | 10.92 ton | 487.00 $/ton | $36.54 | $0.18 | $5,319.11 | $13,619.97 |
| | Potash 0-0-60 | 0.10 ton/ac | 14.56 ton | 312.00 $/ton | $31.21 | $0.15 | $4,543.63 | $18,163.61 |
| | | | | **Total** | **$124.78** | **$0.62** | **$18,163.61** | |
| | | | | | | | | |
| | | | | **Total** | **$124.78** | **$0.62** | **$18,163.61** | |

FieldAlytics

# Farm Plan

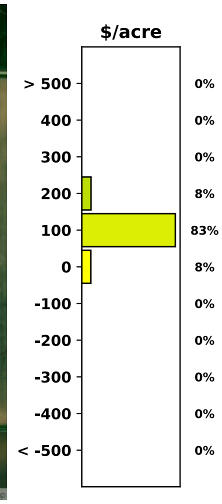
## ABC Enterprises : East Farm : Northwest Field : 2021 : Soybean

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 53,992.06 | 12.03 | 701.71 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **53,992.06** | **12.03** | **701.71** | **751.09** |
| Seed | 5,693.85 | 1.27 | 74.00 | 94.85 |
| Fertilizer | 4,356.95 | 0.97 | 56.62 | 134.82 |
| Chemical | 3,462.47 | 0.77 | 45.00 | 60.34 |
| Land | 17,004.59 | 3.79 | 221.00 | 229.14 |
| Grain Drying/Handling/Hauling | 0.00 | 0.00 | 0.00 | 14.65 |
| Equipment | 6,817.23 | 1.52 | 88.60 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 1,623.52 | 0.36 | 21.10 | 23.67 |
| Insurance | 1,231.10 | 0.27 | 16.00 | 18.63 |
| Interest | 1,615.82 | 0.36 | 21.00 | 17.81 |
| Overhead/Home and Personal | 2,154.43 | 0.48 | 28.00 | 27.35 |
| Other | 1,308.05 | 0.29 | 17.00 | 20.12 |
| **Total Expenses** | **45,268.00** | **10.09** | **588.33** | **733.63** |
| **Field Profit** | **8,724.06** | **1.94** | **113.38** | **17.46** |

**Nutrient Analysis:** N: 13.2, P: 62.4, K: 90.0

### Profit


| | |
|---|---|
| **Field area** | 76.9 ac |
| **Total Yield** | 4,488.1 bu |
| **Average Yield** | 58.3 bu/ac |
| **Profit per acre Field Rank** | 7 of 24 |
| **Cost per bu Field Rank** | 3 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **52 (-10%)** | **55 (-5%)** | **58** | **61 (+5%)** | **64 (+10%)** |
| **10.83 (-10%)** | -19.94 | 11.63 | 43.21 | 74.79 | 106.37 |
| **11.43 (-5%)** | 11.63 | 44.97 | 78.30 | 111.63 | 144.96 |
| **12.03** | 43.21 | 78.30 | 113.38 | 148.47 | 183.55 |
| **12.63 (+5%)** | 74.79 | 111.63 | 148.47 | 185.31 | 222.15 |
| **13.23 (+10%)** | 106.37 | 144.96 | 183.55 | 222.15 | 260.74 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **52 (-10%)** | **55 (-5%)** | **58** | **61 (+5%)** | **64 (+10%)** |
| **10.83 (-10%)** | 201.06 | 232.63 | 264.21 | 295.79 | 327.37 |
| **11.43 (-5%)** | 232.63 | 265.97 | 299.30 | 332.63 | 365.96 |
| **12.03** | 264.21 | 299.30 | 334.38 | 369.47 | 404.55 |
| **12.63 (+5%)** | 295.79 | 332.63 | 369.47 | 406.31 | 443.15 |
| **13.23 (+10%)** | 327.37 | 365.96 | 404.55 | 443.15 | 481.74 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Phosphorus and Potassium** | | | | | | | | |
| **Nutrient Analysis:** N: 13.2, P: 62.4, K: 90.0 | | | | | | | | |
| March 05 | MAP 11-52-0 | 0.06 ton/ac | 4.62 ton | 510.00 $/ton | $30.61 | $0.52 | $2,355.55 | $2,355.55 |
| | Potash 0-0-60 | 0.08 ton/ac | 5.77 ton | 347.00 $/ton | $26.04 | $0.45 | $2,003.37 | $4,358.92 |
| | | | | **Total** | **$56.65** | **$0.97** | **$4,358.92** | |
| | | | | | | | | |
| | | | | **Total** | **$56.65** | **$0.97** | **$4,358.92** | |

# Farm Plan

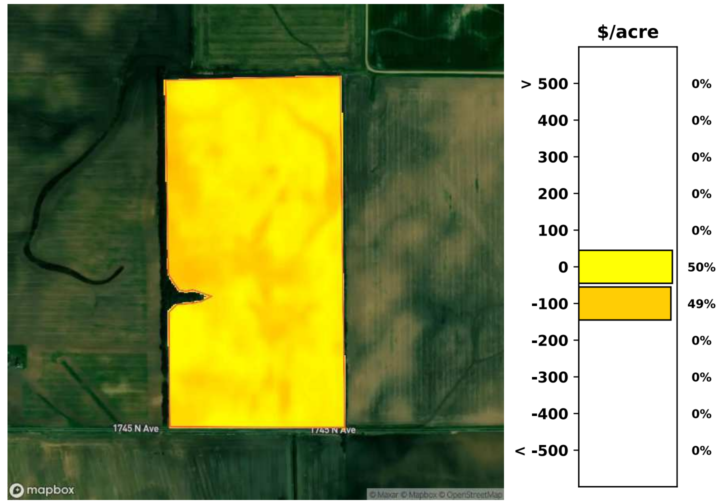
## ABC Enterprises : East Farm : Northwest Field : 2019 : Soybean

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 42,803.85 | 8.79 | 556.30 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **42,803.85** | **8.79** | **556.30** | **751.09** |
| Seed | 5,616.90 | 1.15 | 73.00 | 94.85 |
| Fertilizer | 3,593.28 | 0.74 | 46.70 | 134.82 |
| Chemical | 3,462.47 | 0.71 | 45.00 | 60.34 |
| Land | 18,851.25 | 3.87 | 245.00 | 229.14 |
| Grain Drying/Handling/Hauling | 0.00 | 0.00 | 0.00 | 14.65 |
| Equipment | 7,763.64 | 1.59 | 100.90 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 1,692.76 | 0.35 | 22.00 | 23.67 |
| Insurance | 1,231.10 | 0.25 | 16.00 | 18.63 |
| Interest | 1,154.16 | 0.24 | 15.00 | 17.81 |
| Overhead/Home and Personal | 2,231.37 | 0.46 | 29.00 | 27.35 |
| Other | 1,308.05 | 0.27 | 17.00 | 20.12 |
| **Total Expenses** | **46,904.98** | **9.63** | **609.60** | **733.63** |
| **Field Profit** | **-4,101.12** | **-0.84** | **-53.30** | **17.46** |

**Nutrient Analysis:** N: 18.0, P: 46.0, K: 108.0

### Profit




| | |
|---|---|
| **Field area** | 76.9 ac |
| **Total Yield** | 4,869.6 bu |
| **Average Yield** | 63.3 bu/ac |
| **Profit per acre Field Rank** | 18 of 24 |
| **Cost per bu Field Rank** | 5 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **57 (-10%)** | **60 (-5%)** | **63** | **66 (+5%)** | **70 (+10%)** |
| **7.91 (-10%)** | -159.00 | -133.96 | -108.93 | -83.90 | -58.86 |
| **8.35 (-5%)** | -133.96 | -107.54 | -81.12 | -54.69 | -28.27 |
| **8.79** | -108.93 | -81.12 | -53.30 | -25.49 | 2.33 |
| **9.23 (+5%)** | -83.90 | -54.69 | -25.49 | 3.72 | 32.93 |
| **9.67 (+10%)** | -58.86 | -28.27 | 2.33 | 32.93 | 63.52 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **57 (-10%)** | **60 (-5%)** | **63** | **66 (+5%)** | **70 (+10%)** |
| **7.91 (-10%)** | 86.00 | 111.04 | 136.07 | 161.10 | 186.14 |
| **8.35 (-5%)** | 111.04 | 137.46 | 163.88 | 190.31 | 216.73 |
| **8.79** | 136.07 | 163.88 | 191.70 | 219.51 | 247.33 |
| **9.23 (+5%)** | 161.10 | 190.31 | 219.51 | 248.72 | 277.93 |
| **9.67 (+10%)** | 186.14 | 216.73 | 247.33 | 277.93 | 308.52 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Phosphorus and Potassium** | | | | | | | | |
| **Nutrient Analysis:** N: 18.0, P: 46.0, K: 108.0 | | | | | | | | |
| April 01 | DAP 18-46-0 | 0.05 ton/ac | 3.85 ton | 412.00 $/ton | $20.61 | $0.33 | $1,585.76 | $1,585.76 |
| | Potash 0-0-60 | 0.09 ton/ac | 6.93 ton | 290.00 $/ton | $26.11 | $0.41 | $2,009.14 | $3,594.91 |
| | | | | **Total** | **$46.72** | **$0.74** | **$3,594.91** | |
| | | | | | | | | |
| | | | | **Total** | **$46.72** | **$0.74** | **$3,594.91** | |

FieldAlytics

# Farm Plan

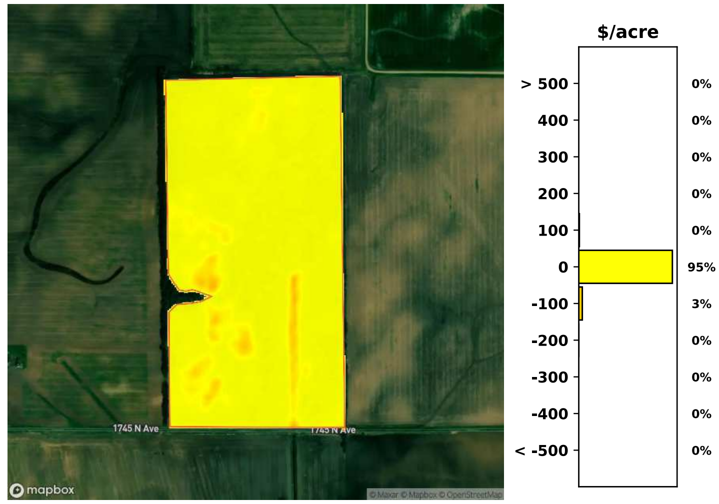
## ABC Enterprises : East Farm : Northwest Field : 2020 : Corn

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 68,787.63 | 3.90 | 894.00 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **68,787.63** | **3.90** | **894.00** | **751.09** |
| Seed | 8,925.49 | 0.51 | 116.00 | 94.85 |
| Fertilizer | 16,464.06 | 0.93 | 213.97 | 134.82 |
| Chemical | 5,770.79 | 0.33 | 75.00 | 60.34 |
| Land | 17,235.42 | 0.98 | 224.00 | 229.14 |
| Grain Drying/Handling/Hauling | 1,384.99 | 0.08 | 18.00 | 14.65 |
| Equipment | 7,786.72 | 0.44 | 101.20 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 1,785.10 | 0.10 | 23.20 | 23.67 |
| Insurance | 1,692.76 | 0.10 | 22.00 | 18.63 |
| Interest | 1,384.99 | 0.08 | 18.00 | 17.81 |
| Overhead/Home and Personal | 2,462.20 | 0.14 | 32.00 | 27.35 |
| Other | 1,923.60 | 0.11 | 25.00 | 20.12 |
| **Total Expenses** | **66,816.12** | **3.79** | **868.38** | **733.63** |
| **Field Profit** | **1,971.50** | **0.11** | **25.62** | **17.46** |

**Nutrient Analysis:** N: 188.7, P: 78.0, K: 120.0, Lime: 2,250.0

### Profit




| | |
|---|---|
| **Field area** | 76.9 ac |
| **Total Yield** | 17,637.9 bu |
| **Average Yield** | 229.2 bu/ac |
| **Profit per acre Field Rank** | 10 of 24 |
| **Cost per bu Field Rank** | 20 of 24 |

### Profit Sensitivity

Yield (bu/ac)

| Price ($/bu) | 206 (-10%) | 218 (-5%) | 229 | 241 (+5%) | 252 (+10%) |
|---|---|---|---|---|---|
| **3.51 (-10%)** | -144.24 | -104.01 | -63.78 | -23.55 | 16.68 |
| **3.70 (-5%)** | -104.01 | -61.54 | -19.08 | 23.39 | 65.85 |
| **3.90** | -63.78 | -19.08 | 25.62 | 70.32 | 115.02 |
| **4.09 (+5%)** | -23.55 | 23.39 | 70.32 | 117.26 | 164.19 |
| **4.29 (+10%)** | 16.68 | 65.85 | 115.02 | 164.19 | 213.36 |

### Breakeven Land Cost

Yield (bu/ac)

| Price ($/bu) | 206 (-10%) | 218 (-5%) | 229 | 241 (+5%) | 252 (+10%) |
|---|---|---|---|---|---|
| **3.51 (-10%)** | 79.76 | 119.99 | 160.22 | 200.45 | 240.68 |
| **3.70 (-5%)** | 119.99 | 162.46 | 204.92 | 247.39 | 289.85 |
| **3.90** | 160.22 | 204.92 | 249.62 | 294.32 | 339.02 |
| **4.09 (+5%)** | 200.45 | 247.39 | 294.32 | 341.26 | 388.19 |
| **4.29 (+10%)** | 240.68 | 289.85 | 339.02 | 388.19 | 437.36 |

FieldAlytics

# Farm Plan

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Anhydrous** | | | | | | | | |
| **Nutrient Analysis:** N: 172.2 | | | | | | | | |
| November 08 | Anhydrous | 0.11 ton/ac | 8.08 ton | 850.00 $/ton | $89.29 | $0.39 | $6,870.35 | $6,870.35 |
| | | | | **Total** | **$89.29** | **$0.39** | **$6,870.35** | |
| **Event: Phosphorus Potassium and Lime** | | | | | | | | |
| **Nutrient Analysis:** N: 16.5, P: 78.0, K: 120.0, Lime: 2,250.0 | | | | | | | | |
| March 28 | Lime 75 | 1.50 ton/ac | 115.47 ton | 38.00 $/ton | $57.03 | $0.25 | $4,387.79 | $11,258.14 |
| | MAP 11-52-0 | 0.08 ton/ac | 5.77 ton | 487.00 $/ton | $36.54 | $0.16 | $2,811.65 | $14,069.79 |
| | Potash 0-0-60 | 0.10 ton/ac | 7.70 ton | 312.00 $/ton | $31.21 | $0.14 | $2,401.74 | $16,471.52 |
| | | | | **Total** | **$124.78** | **$0.54** | **$9,601.17** | |
| | | | | **Total** | **$214.07** | **$0.93** | **$16,471.52** | |

# Farm Plan

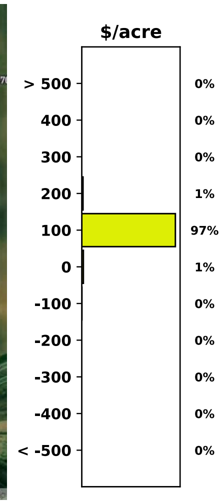
## ABC Enterprises : East Farm : South Field : 2021 : Corn

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 130,218.98 | 4.58 | 987.32 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **130,218.98** | **4.58** | **987.32** | **751.09** |
| Seed | 15,299.42 | 0.54 | 116.00 | 94.85 |
| Fertilizer | 26,582.74 | 0.93 | 201.55 | 134.82 |
| Chemical | 10,815.10 | 0.38 | 82.00 | 60.34 |
| Land | 29,148.03 | 1.03 | 221.00 | 229.14 |
| Grain Drying/Handling/Hauling | 1,846.48 | 0.06 | 14.00 | 14.65 |
| Equipment | 11,250.35 | 0.40 | 85.30 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 2,835.67 | 0.10 | 21.50 | 23.67 |
| Insurance | 3,165.40 | 0.11 | 24.00 | 18.63 |
| Interest | 3,033.50 | 0.11 | 23.00 | 17.81 |
| Overhead/Home and Personal | 4,220.53 | 0.15 | 32.00 | 27.35 |
| Other | 3,165.40 | 0.11 | 24.00 | 20.12 |
| **Total Expenses** | **111,362.61** | **3.92** | **844.35** | **733.63** |
| **Field Profit** | **18,856.38** | **0.66** | **142.97** | **17.46** |

**Nutrient Analysis:** N: 198.0, P: 83.2, K: 90.0, Lime: 1,875.0

### Profit


| | |
|---|---|
| **Field area** | 131.9 ac |
| **Total Yield** | 28,432.1 bu |
| **Average Yield** | 215.6 bu/ac |
| **Profit per acre Field Rank** | 6 of 24 |
| **Cost per bu Field Rank** | 17 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **194 (-10%)** | **205 (-5%)** | **216** | **226 (+5%)** | **237 (+10%)** |
| **4.12 (-10%)** | -44.62 | -0.19 | 44.24 | 88.67 | 133.10 |
| **4.35 (-5%)** | -0.19 | 46.71 | 93.60 | 140.50 | 187.40 |
| **4.58** | 44.24 | 93.60 | 142.97 | 192.33 | 241.70 |
| **4.81 (+5%)** | 88.67 | 140.50 | 192.33 | 244.17 | 296.00 |
| **5.04 (+10%)** | 133.10 | 187.40 | 241.70 | 296.00 | 350.31 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **194 (-10%)** | **205 (-5%)** | **216** | **226 (+5%)** | **237 (+10%)** |
| **4.12 (-10%)** | 176.38 | 220.81 | 265.24 | 309.67 | 354.10 |
| **4.35 (-5%)** | 220.81 | 267.71 | 314.60 | 361.50 | 408.40 |
| **4.58** | 265.24 | 314.60 | 363.97 | 413.33 | 462.70 |
| **4.81 (+5%)** | 309.67 | 361.50 | 413.33 | 465.17 | 517.00 |
| **5.04 (+10%)** | 354.10 | 408.40 | 462.70 | 517.00 | 571.31 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Fertilizer Event** | | | | | | | | |
| **Nutrient Analysis:** N: 180.4 | | | | | | | | |
| November 25 | Anhydrous | 0.11 ton/ac | 14.51 ton | 600.00 $/ton | $66.03 | $0.31 | $8,708.64 | $8,708.64 |
| | | | | **Total** | **$66.03** | **$0.31** | **$8,708.64** | |
| **Event: Phosphorus Potassium and Lime** | | | | | | | | |
| **Nutrient Analysis:** N: 17.6, P: 83.2, K: 90.0, Lime: 1,875.0 | | | | | | | | |
| April 07 | Lime 75 | 1.25 ton/ac | 164.94 ton | 48.00 $/ton | $60.03 | $0.28 | $7,916.95 | $16,625.59 |
| | MAP 11-52-0 | 0.08 ton/ac | 10.56 ton | 560.00 $/ton | $44.82 | $0.21 | $5,911.32 | $22,536.91 |
| | Potash 0-0-60 | 0.08 ton/ac | 9.90 ton | 410.00 $/ton | $30.76 | $0.14 | $4,057.44 | $26,594.35 |
| | | | | **Total** | **$135.61** | **$0.63** | **$17,885.70** | |
| | | | | **Total** | **$201.64** | **$0.94** | **$26,594.35** | |

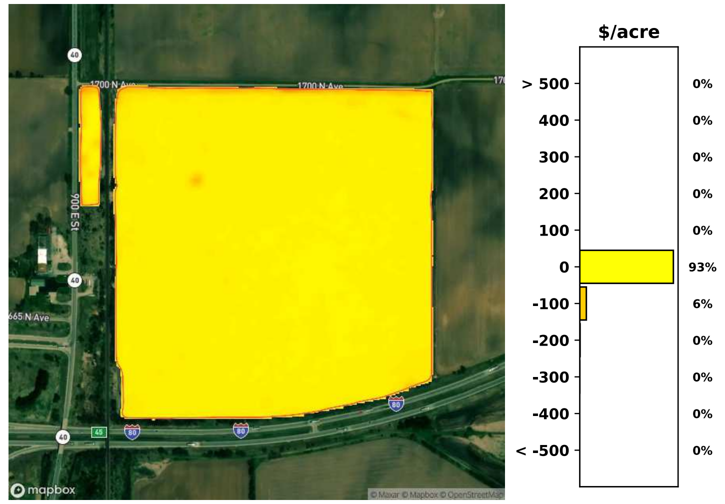
## ABC Enterprises : East Farm : South Field : 2019 : Corn

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 104,840.49 | 3.58 | 794.90 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **104,840.49** | **3.58** | **794.90** | **751.09** |
| Seed | 15,035.63 | 0.51 | 114.00 | 94.85 |
| Fertilizer | 21,340.05 | 0.73 | 161.80 | 134.82 |
| Chemical | 9,364.30 | 0.32 | 71.00 | 60.34 |
| Land | 32,313.42 | 1.10 | 245.00 | 229.14 |
| Grain Drying/Handling/Hauling | 2,374.05 | 0.08 | 18.00 | 14.65 |
| Equipment | 13,347.42 | 0.46 | 101.20 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 2,927.99 | 0.10 | 22.20 | 23.67 |
| Insurance | 3,165.40 | 0.11 | 24.00 | 18.63 |
| Interest | 2,374.05 | 0.08 | 18.00 | 17.81 |
| Overhead/Home and Personal | 4,220.53 | 0.14 | 32.00 | 27.35 |
| Other | 3,165.40 | 0.11 | 24.00 | 20.12 |
| **Total Expenses** | **109,628.23** | **3.74** | **831.20** | **733.63** |
| **Field Profit** | **-4,787.74** | **-0.16** | **-36.30** | **17.46** |

**Nutrient Analysis:** N: 185.4, P: 62.4, K: 120.0, Lime: 1,500.0

### Profit




| | |
|---|---|
| **Field area** | 131.9 ac |
| **Total Yield** | 29,285.1 bu |
| **Average Yield** | 222.0 bu/ac |
| **Profit per acre Field Rank** | 17 of 24 |
| **Cost per bu Field Rank** | 21 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **200 (-10%)** | **211 (-5%)** | **222** | **233 (+5%)** | **244 (+10%)** |
| **3.22 (-10%)** | -187.33 | -151.56 | -115.79 | -80.02 | -44.25 |
| **3.40 (-5%)** | -151.56 | -113.80 | -76.05 | -38.29 | -0.53 |
| **3.58** | -115.79 | -76.05 | -36.30 | 3.44 | 43.19 |
| **3.76 (+5%)** | -80.02 | -38.29 | 3.44 | 45.18 | 86.91 |
| **3.94 (+10%)** | -44.25 | -0.53 | 43.19 | 86.91 | 130.63 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **200 (-10%)** | **211 (-5%)** | **222** | **233 (+5%)** | **244 (+10%)** |
| **3.22 (-10%)** | 57.67 | 93.44 | 129.21 | 164.98 | 200.75 |
| **3.40 (-5%)** | 93.44 | 131.20 | 168.95 | 206.71 | 244.47 |
| **3.58** | 129.21 | 168.95 | 208.70 | 248.44 | 288.19 |
| **3.76 (+5%)** | 164.98 | 206.71 | 248.44 | 290.18 | 331.91 |
| **3.94 (+10%)** | 200.75 | 244.47 | 288.19 | 331.91 | 375.63 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Anhydrous** | | | | | | | | |
| **Nutrient Analysis:** N: 172.2 | | | | | | | | |
| March 03 | Anhydrous | 0.11 ton/ac | 13.85 ton | 480.00 $/ton | $50.42 | $0.23 | $6,650.24 | $6,650.24 |
| | | | | **Total** | **$50.42** | **$0.23** | **$6,650.24** | |
| **Event: Phosphorus Potassium and Lime** | | | | | | | | |
| **Nutrient Analysis:** N: 13.2, P: 62.4, K: 120.0, Lime: 1,500.0 | | | | | | | | |
| March 21 | Lime 75 | 1.00 ton/ac | 131.95 ton | 50.00 $/ton | $50.02 | $0.23 | $6,597.46 | $13,247.69 |
| | MAP 11-52-0 | 0.06 ton/ac | 7.92 ton | 510.00 $/ton | $30.61 | $0.14 | $4,037.64 | $17,285.33 |
| | Potash 0-0-60 | 0.10 ton/ac | 13.19 ton | 308.00 $/ton | $30.81 | $0.14 | $4,064.03 | $21,349.37 |
| | | | | **Total** | **$111.45** | **$0.50** | **$14,699.13** | |
| | | | | **Total** | **$161.87** | **$0.73** | **$21,349.37** | |

# Farm Plan

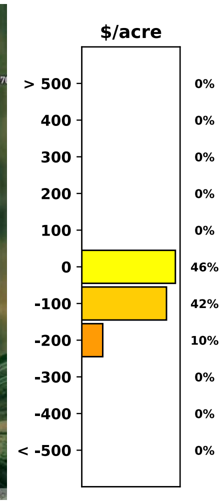
## ABC Enterprises : East Farm : South Field : 2020 : Soybean

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 67,452.39 | 9.00 | 511.42 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **67,452.39** | **9.00** | **511.42** | **751.09** |
| Seed | 8,309.17 | 1.11 | 63.00 | 94.85 |
| Fertilizer | 7,969.55 | 1.06 | 60.42 | 134.82 |
| Chemical | 5,935.12 | 0.79 | 45.00 | 60.34 |
| Land | 29,543.70 | 3.94 | 224.00 | 229.14 |
| Grain Drying/Handling/Hauling | 0.00 | 0.00 | 0.00 | 14.65 |
| Equipment | 11,685.59 | 1.56 | 88.60 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 2,914.80 | 0.39 | 22.10 | 23.67 |
| Insurance | 1,846.48 | 0.25 | 14.00 | 18.63 |
| Interest | 2,110.26 | 0.28 | 16.00 | 17.81 |
| Overhead/Home and Personal | 3,692.96 | 0.49 | 28.00 | 27.35 |
| Other | 2,374.05 | 0.32 | 18.00 | 20.12 |
| **Total Expenses** | **76,381.68** | **10.19** | **579.12** | **733.63** |
| **Field Profit** | **-8,929.29** | **-1.19** | **-67.70** | **17.46** |

**Nutrient Analysis:** N: 24.3, P: 62.1, K: 114.0

### Profit


| | |
|---|---|
| **Field area** | 131.9 ac |
| **Total Yield** | 7,494.7 bu |
| **Average Yield** | 56.8 bu/ac |
| **Profit per acre Field Rank** | 21 of 24 |
| **Cost per bu Field Rank** | 2 of 24 |

### Profit Sensitivity

| Price ($/bu) | Yield (bu/ac) 51 (-10%) | 54 (-5%) | 57 | 60 (+5%) | 63 (+10%) |
|---|---|---|---|---|---|
| **8.10 (-10%)** | -164.87 | -141.86 | -118.84 | -95.83 | -72.82 |
| **8.55 (-5%)** | -141.86 | -117.57 | -93.27 | -68.98 | -44.69 |
| **9.00** | -118.84 | -93.27 | -67.70 | -42.13 | -16.56 |
| **9.45 (+5%)** | -95.83 | -68.98 | -42.13 | -15.28 | 11.57 |
| **9.90 (+10%)** | -72.82 | -44.69 | -16.56 | 11.57 | 39.70 |

### Breakeven Land Cost

| Price ($/bu) | Yield (bu/ac) 51 (-10%) | 54 (-5%) | 57 | 60 (+5%) | 63 (+10%) |
|---|---|---|---|---|---|
| **8.10 (-10%)** | 59.13 | 82.14 | 105.16 | 128.17 | 151.18 |
| **8.55 (-5%)** | 82.14 | 106.43 | 130.73 | 155.02 | 179.31 |
| **9.00** | 105.16 | 130.73 | 156.30 | 181.87 | 207.44 |
| **9.45 (+5%)** | 128.17 | 155.02 | 181.87 | 208.72 | 235.57 |
| **9.90 (+10%)** | 151.18 | 179.31 | 207.44 | 235.57 | 263.70 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Phosphorus and Potassium** | | | | | | | | |
| **Nutrient Analysis:** N: 24.3, P: 62.1, K: 114.0 | | | | | | | | |
| March 17 | DAP 18-46-0 | 0.07 ton/ac | 8.91 ton | 480.00 $/ton | $32.41 | $0.57 | $4,275.15 | $4,275.15 |
| | Potash 0-0-60 | 0.10 ton/ac | 12.54 ton | 295.00 $/ton | $28.04 | $0.49 | $3,697.87 | $7,973.03 |
| | | | | **Total** | **$60.45** | **$1.06** | **$7,973.03** | |
| | | | | | | | | |
| | | | | **Total** | **$60.45** | **$1.06** | **$7,973.03** | |

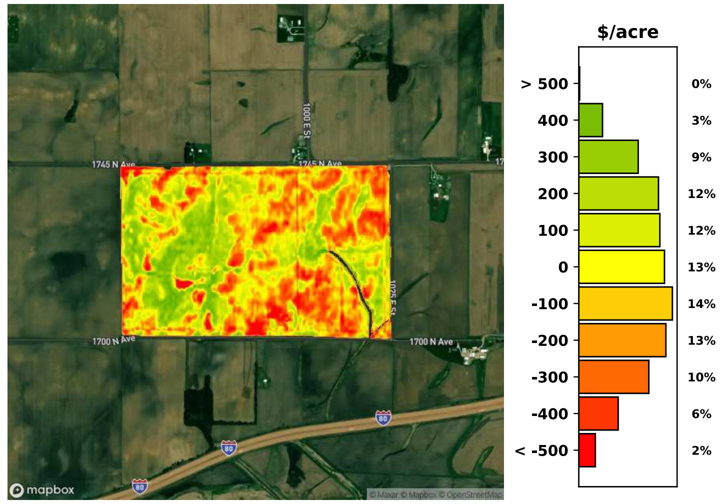
## ABC Enterprises : East Farm : East Field : 2021 : Corn

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 196,768.22 | 4.58 | 853.63 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **196,768.22** | **4.58** | **853.63** | **751.09** |
| Seed | 26,738.75 | 0.62 | 116.00 | 94.85 |
| Fertilizer | 51,817.86 | 1.21 | 224.80 | 134.82 |
| Chemical | 18,901.53 | 0.44 | 82.00 | 60.34 |
| Land | 50,941.93 | 1.19 | 221.00 | 229.14 |
| Grain Drying/Handling/Hauling | 3,227.09 | 0.08 | 14.00 | 14.65 |
| Equipment | 23,327.26 | 0.54 | 101.20 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 5,117.24 | 0.12 | 22.20 | 23.67 |
| Insurance | 5,532.16 | 0.13 | 24.00 | 18.63 |
| Interest | 5,301.65 | 0.12 | 23.00 | 17.81 |
| Overhead/Home and Personal | 7,376.21 | 0.17 | 32.00 | 27.35 |
| Other | 5,532.16 | 0.13 | 24.00 | 20.12 |
| **Total Expenses** | **203,813.84** | **4.74** | **884.20** | **733.63** |
| **Field Profit** | **-7,045.61** | **-0.16** | **-30.57** | **17.46** |

**Nutrient Analysis:** N: 189.8, P: 83.2, K: 90.0, Lime: 1,875.0

### Profit




| | |
|---|---|
| **Field area** | 230.5 ac |
| **Total Yield** | 42,962.5 bu |
| **Average Yield** | 186.4 bu/ac |
| **Profit per acre Field Rank** | 14 of 24 |
| **Cost per bu Field Rank** | 13 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **168 (-10%)** | **177 (-5%)** | **186** | **196 (+5%)** | **205 (+10%)** |
| **4.12 (-10%)** | -192.76 | -154.34 | -115.93 | -77.52 | -39.10 |
| **4.35 (-5%)** | -154.34 | -113.80 | -73.25 | -32.70 | 7.85 |
| **4.58** | -115.93 | -73.25 | -30.57 | 12.12 | 54.80 |
| **4.81 (+5%)** | -77.52 | -32.70 | 12.12 | 56.93 | 101.75 |
| **5.04 (+10%)** | -39.10 | 7.85 | 54.80 | 101.75 | 148.70 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **168 (-10%)** | **177 (-5%)** | **186** | **196 (+5%)** | **205 (+10%)** |
| **4.12 (-10%)** | 28.24 | 66.66 | 105.07 | 143.48 | 181.90 |
| **4.35 (-5%)** | 66.66 | 107.20 | 147.75 | 188.30 | 228.85 |
| **4.58** | 105.07 | 147.75 | 190.43 | 233.12 | 275.80 |
| **4.81 (+5%)** | 143.48 | 188.30 | 233.12 | 277.93 | 322.75 |
| **5.04 (+10%)** | 181.90 | 228.85 | 275.80 | 322.75 | 369.70 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Anhydrous** | | | | | | | | |
| **Nutrient Analysis:** N: 172.2 | | | | | | | | |
| November 11 | Anhydrous | 0.11 ton/ac | 24.21 ton | 850.00 $/ton | $89.29 | $0.48 | $20,581.51 | $20,581.51 |
| | | | | **Total** | **$89.29** | **$0.48** | **$20,581.51** | |
| **Event: Phosphorus Potassium and Lime** | | | | | | | | |
| **Nutrient Analysis:** N: 17.6, P: 83.2, K: 90.0, Lime: 1,875.0 | | | | | | | | |
| October 30 | Lime 75 | 1.25 ton/ac | 288.26 ton | 48.00 $/ton | $60.03 | $0.32 | $13,836.31 | $34,417.82 |
| | MAP 11-52-0 | 0.08 ton/ac | 18.45 ton | 560.00 $/ton | $44.82 | $0.24 | $10,331.11 | $44,748.93 |
| | Potash 0-0-60 | 0.08 ton/ac | 17.30 ton | 410.00 $/ton | $30.76 | $0.17 | $7,091.11 | $51,840.04 |
| | | | | **Total** | **$135.61** | **$0.73** | **$31,258.53** | |
| | | | | **Total** | **$224.90** | **$1.21** | **$51,840.04** | |

# Farm Plan

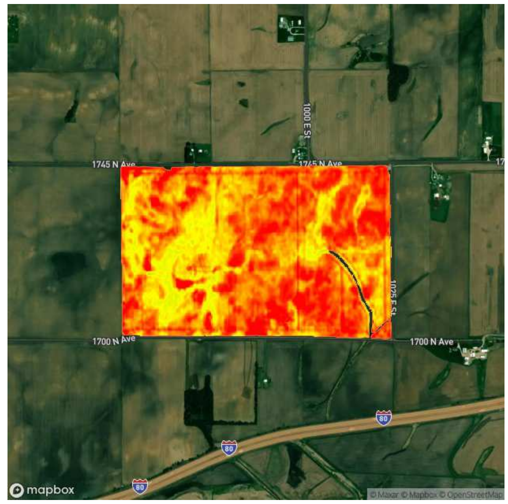
## ABC Enterprises : East Farm : East Field : 2019 : Corn

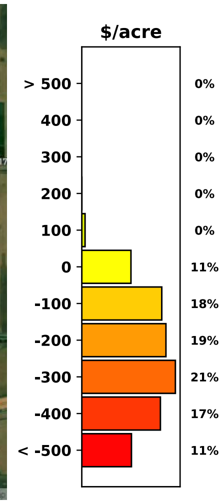
### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 134,210.94 | 3.58 | 582.24 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **134,210.94** | **3.58** | **582.24** | **751.09** |
| Seed | 26,277.74 | 0.70 | 114.00 | 94.85 |
| Fertilizer | 37,295.95 | 0.99 | 161.80 | 134.82 |
| Chemical | 16,365.96 | 0.44 | 71.00 | 60.34 |
| Land | 56,474.09 | 1.51 | 245.00 | 229.14 |
| Grain Drying/Handling/Hauling | 4,149.12 | 0.11 | 18.00 | 14.65 |
| Equipment | 23,327.26 | 0.62 | 101.20 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 5,117.24 | 0.14 | 22.20 | 23.67 |
| Insurance | 5,532.16 | 0.15 | 24.00 | 18.63 |
| Interest | 4,149.12 | 0.11 | 18.00 | 17.81 |
| Overhead/Home and Personal | 7,376.21 | 0.20 | 32.00 | 27.35 |
| Other | 5,532.16 | 0.15 | 24.00 | 20.12 |
| **Total Expenses** | **191,596.99** | **5.11** | **831.20** | **733.63** |
| **Field Profit** | **-57,386.06** | **-1.53** | **-248.96** | **17.46** |

**Nutrient Analysis:** N: 185.4, P: 62.4, K: 120.0, Lime: 1,500.0

### Profit




| | |
|---|---|
| **Field area** | 230.5 ac |
| **Total Yield** | 37,489.1 bu |
| **Average Yield** | 162.6 bu/ac |
| **Profit per acre Field Rank** | 24 of 24 |
| **Cost per bu Field Rank** | 11 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **146 (-10%)** | **155 (-5%)** | **163** | **171 (+5%)** | **179 (+10%)** |
| **3.22 (-10%)** | -359.58 | -333.38 | -307.18 | -280.98 | -254.78 |
| **3.40 (-5%)** | -333.38 | -305.73 | -278.07 | -250.41 | -222.76 |
| **3.58** | -307.18 | -278.07 | -248.96 | -219.84 | -190.73 |
| **3.76 (+5%)** | -280.98 | -250.41 | -219.84 | -189.28 | -158.71 |
| **3.94 (+10%)** | -254.78 | -222.76 | -190.73 | -158.71 | -126.69 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **146 (-10%)** | **155 (-5%)** | **163** | **171 (+5%)** | **179 (+10%)** |
| **3.22 (-10%)** | -114.58 | -88.38 | -62.18 | -35.98 | -9.78 |
| **3.40 (-5%)** | -88.38 | -60.73 | -33.07 | -5.41 | 22.24 |
| **3.58** | -62.18 | -33.07 | -3.96 | 25.16 | 54.27 |
| **3.76 (+5%)** | -35.98 | -5.41 | 25.16 | 55.72 | 86.29 |
| **3.94 (+10%)** | -9.78 | 22.24 | 54.27 | 86.29 | 118.31 |

FieldAlytics

# Farm Plan

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Anhydrous** | | | | | | | | |
| **Nutrient Analysis:** N: 172.2 | | | | | | | | |
| March 03 | Anhydrous | 0.11 ton/ac | 24.21 ton | 480.00 $/ton | $50.42 | $0.31 | $11,622.50 | $11,622.50 |
| | | | | **Total** | **$50.42** | **$0.31** | **$11,622.50** | |
| **Event: Phosphorus Potassium and Lime** | | | | | | | | |
| **Nutrient Analysis:** N: 13.2, P: 62.4, K: 120.0, Lime: 1,500.0 | | | | | | | | |
| March 21 | Lime 75 | 1.00 ton/ac | 230.61 ton | 50.00 $/ton | $50.02 | $0.31 | $11,530.26 | $23,152.76 |
| | MAP 11-52-0 | 0.06 ton/ac | 13.84 ton | 510.00 $/ton | $30.61 | $0.19 | $7,056.52 | $30,209.28 |
| | Potash 0-0-60 | 0.10 ton/ac | 23.06 ton | 308.00 $/ton | $30.81 | $0.19 | $7,102.64 | $37,311.92 |
| | | | | **Total** | **$111.45** | **$0.69** | **$25,689.42** | |
| | | | | **Total** | **$161.87** | **$1.00** | **$37,311.92** | |

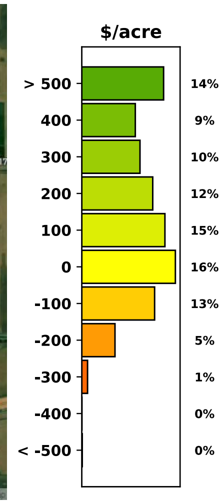
# ABC Enterprises : East Farm : East Field : 2020 : Soybean

## Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 175,677.08 | 9.00 | 762.14 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **175,677.08** | **9.00** | **762.14** | **751.09** |
| Seed | 14,521.91 | 0.74 | 63.00 | 94.85 |
| Fertilizer | 13,928.35 | 0.71 | 60.42 | 134.82 |
| Chemical | 10,372.79 | 0.53 | 45.00 | 60.34 |
| Land | 51,633.45 | 2.65 | 224.00 | 229.14 |
| Grain Drying/Handling/Hauling | 0.00 | 0.00 | 0.00 | 14.65 |
| Equipment | 23,258.10 | 1.19 | 100.90 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 5,301.65 | 0.27 | 23.00 | 23.67 |
| Insurance | 3,227.09 | 0.17 | 14.00 | 18.63 |
| Interest | 3,688.10 | 0.19 | 16.00 | 17.81 |
| Overhead/Home and Personal | 6,454.18 | 0.33 | 28.00 | 27.35 |
| Other | 4,149.12 | 0.21 | 18.00 | 20.12 |
| **Total Expenses** | **136,534.76** | **6.99** | **592.33** | **733.63** |
| **Field Profit** | **39,142.32** | **2.01** | **169.81** | **17.46** |

**Nutrient Analysis:** N: 24.3, P: 62.1, K: 114.0

## Profit


| | |
|---|---|
| **Field area** | 230.5 ac |
| **Total Yield** | 19,519.7 bu |
| **Average Yield** | 84.7 bu/ac |
| **Profit per acre Field Rank** | 4 of 24 |
| **Cost per bu Field Rank** | 10 of 24 |

## Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **76 (-10%)** | **80 (-5%)** | **85** | **89 (+5%)** | **93 (+10%)** |
| **8.10 (-10%)** | 25.00 | 59.30 | 93.60 | 127.89 | 162.19 |
| **8.55 (-5%)** | 59.30 | 95.50 | 131.70 | 167.90 | 204.11 |
| **9.00** | 93.60 | 131.70 | 169.81 | 207.92 | 246.02 |
| **9.45 (+5%)** | 127.89 | 167.90 | 207.92 | 247.93 | 287.94 |
| **9.90 (+10%)** | 162.19 | 204.11 | 246.02 | 287.94 | 329.86 |

## Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **76 (-10%)** | **80 (-5%)** | **85** | **89 (+5%)** | **93 (+10%)** |
| **8.10 (-10%)** | 249.00 | 283.30 | 317.60 | 351.89 | 386.19 |
| **8.55 (-5%)** | 283.30 | 319.50 | 355.70 | 391.90 | 428.11 |
| **9.00** | 317.60 | 355.70 | 393.81 | 431.92 | 470.02 |
| **9.45 (+5%)** | 351.89 | 391.90 | 431.92 | 471.93 | 511.94 |
| **9.90 (+10%)** | 386.19 | 428.11 | 470.02 | 511.94 | 553.86 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Phosphorus and Potassium** | | | | | | | | |
| **Nutrient Analysis:** N: 24.3, P: 62.1, K: 114.0 | | | | | | | | |
| March 17 | DAP 18-46-0 | 0.07 ton/ac | 15.57 ton | 480.00 $/ton | $32.41 | $0.38 | $7,471.61 | $7,471.61 |
| | Potash 0-0-60 | 0.10 ton/ac | 21.91 ton | 295.00 $/ton | $28.04 | $0.33 | $6,462.71 | $13,934.32 |
| | | | | **Total** | **$60.45** | **$0.71** | **$13,934.32** | |
| | | | | | | | | |
| | | | | **Total** | **$60.45** | **$0.71** | **$13,934.32** | |

# Farm Plan

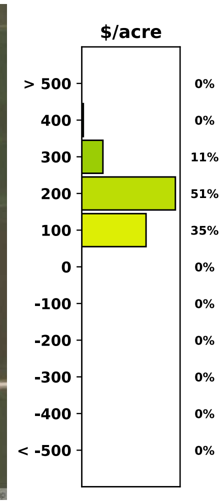
## ABC Enterprises : West Farm : West 80 : 2021 : Corn

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 109,005.75 | 4.72 | 979.04 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **109,005.75** | **4.72** | **979.04** | **751.09** |
| Seed | 10,922.43 | 0.47 | 98.10 | 94.85 |
| Fertilizer | 27,970.69 | 1.21 | 251.22 | 134.82 |
| Chemical | 4,406.83 | 0.19 | 39.58 | 60.34 |
| Land | 25,608.15 | 1.11 | 230.00 | 229.14 |
| Grain Drying/Handling/Hauling | 7,034.45 | 0.30 | 63.18 | 14.65 |
| Equipment | 5,990.08 | 0.26 | 53.80 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 4,330.00 | 0.19 | 38.89 | 23.67 |
| Insurance | 957.52 | 0.04 | 8.60 | 18.63 |
| Interest | 1,057.73 | 0.05 | 9.50 | 17.81 |
| Overhead/Home and Personal | 0.00 | 0.00 | 0.00 | 27.35 |
| Other | 1,113.40 | 0.05 | 10.00 | 20.12 |
| **Total Expenses** | **89,391.28** | **3.87** | **802.87** | **733.63** |
| **Field Profit** | **19,614.47** | **0.85** | **176.17** | **17.46** |

**Nutrient Analysis:** N: 202.9, P: 80.0, K: 108.5, S: 4.0, Lime: 2,220.5

### Profit


| | |
|---|---|
| **Field area** | 111.3 ac |
| **Total Yield** | 23,094.4 bu |
| **Average Yield** | 207.4 bu/ac |
| **Profit per acre Field Rank** | 3 of 24 |
| **Cost per bu Field Rank** | 19 of 24 |

### Profit Sensitivity

| Price ($/bu) | Yield (bu/ac) 187 (-10%) | 197 (-5%) | 207 | 218 (+5%) | 228 (+10%) |
|---|---|---|---|---|---|
| **4.25 (-10%)** | -9.85 | 34.21 | 78.26 | 122.32 | 166.38 |
| **4.48 (-5%)** | 34.21 | 80.71 | 127.22 | 173.72 | 220.22 |
| **4.72** | 78.26 | 127.22 | 176.17 | 225.12 | 274.07 |
| **4.96 (+5%)** | 122.32 | 173.72 | 225.12 | 276.52 | 327.92 |
| **5.19 (+10%)** | 166.38 | 220.22 | 274.07 | 327.92 | 381.77 |

### Breakeven Land Cost

| Price ($/bu) | Yield (bu/ac) 187 (-10%) | 197 (-5%) | 207 | 218 (+5%) | 228 (+10%) |
|---|---|---|---|---|---|
| **4.25 (-10%)** | 220.15 | 264.21 | 308.26 | 352.32 | 396.38 |
| **4.48 (-5%)** | 264.21 | 310.71 | 357.22 | 403.72 | 450.22 |
| **4.72** | 308.26 | 357.22 | 406.17 | 455.12 | 504.07 |
| **4.96 (+5%)** | 352.32 | 403.72 | 455.12 | 506.52 | 557.92 |
| **5.19 (+10%)** | 396.38 | 450.22 | 504.07 | 557.92 | 611.77 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Fertilizer Event** | | | | | | | | |
| **Nutrient Analysis:** N: 182.5 | | | | | | | | |
| November 02 | Anhydrous | 222.68 lb/ac | 24,793.46 lb | 0.33 $/lb | $72.37 | $0.35 | $8,057.87 | $8,057.87 |
| | | | | **Total** | **$72.37** | **$0.35** | **$8,057.87** | |
| **Event: Fertilizer Event** | | | | | | | | |
| **Nutrient Analysis:** N: 20.5, P: 80.0, K: 108.5, S: 4.0, Lime: 2,220.5 | | | | | | | | |
| April 08 | Potash 0-0-60 | 181.01 lb/ac | 20,153.11 lb | 0.17 $/lb | $29.87 | $0.14 | $3,325.26 | $11,383.14 |
| | Lime 75 | 2,687.63 lb/ac | 299,240.36 lb | 0.04 $/lb | $107.51 | $0.52 | $11,969.61 | $23,352.75 |
| | AMS 21-0-0-24(S) | 12.45 lb/ac | 1,386.18 lb | 0.26 $/lb | $3.17 | $0.02 | $353.48 | $23,706.23 |
| | MAP 11-52-0 | 153.98 lb/ac | 17,144.57 lb | 0.25 $/lb | $38.50 | $0.19 | $4,286.14 | $27,992.37 |
| | | | | **Total** | **$179.04** | **$0.86** | **$19,934.50** | |
| | | | | **Total** | **$251.41** | **$1.21** | **$27,992.37** | |

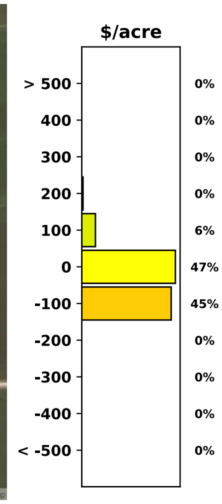
# ABC Enterprises : West Farm : West 80 : 2019 : Corn

## Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 81,523.37 | 3.53 | 732.20 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **81,523.37** | **3.53** | **732.20** | **751.09** |
| Seed | 10,666.35 | 0.46 | 95.80 | 94.85 |
| Fertilizer | 23,429.30 | 1.01 | 210.43 | 134.82 |
| Chemical | 5,384.39 | 0.23 | 48.36 | 60.34 |
| Land | 24,828.77 | 1.08 | 223.00 | 229.14 |
| Grain Drying/Handling/Hauling | 7,361.79 | 0.32 | 66.12 | 14.65 |
| Equipment | 6,390.90 | 0.28 | 57.40 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 4,046.09 | 0.18 | 36.34 | 23.67 |
| Insurance | 1,057.73 | 0.05 | 9.50 | 18.63 |
| Interest | 1,272.61 | 0.06 | 11.43 | 17.81 |
| Overhead/Home and Personal | 0.00 | 0.00 | 0.00 | 27.35 |
| Other | 1,113.40 | 0.05 | 10.00 | 20.12 |
| **Total Expenses** | **85,551.33** | **3.70** | **768.38** | **733.63** |
| **Field Profit** | **-4,027.96** | **-0.17** | **-36.18** | **17.46** |

**Nutrient Analysis:** N: 202.9, P: 80.0, K: 108.5, S: 4.0, Lime: 2,220.5

## Profit


| | |
|---|---|
| **Field area** | 111.3 ac |
| **Total Yield** | 23,094.4 bu |
| **Average Yield** | 207.4 bu/ac |
| **Profit per acre Field Rank** | 16 of 24 |
| **Cost per bu Field Rank** | 22 of 24 |

## Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **187 (-10%)** | **197 (-5%)** | **207** | **218 (+5%)** | **228 (+10%)** |
| **3.18 (-10%)** | -175.30 | -142.35 | -109.40 | -76.45 | -43.50 |
| **3.35 (-5%)** | -142.35 | -107.57 | -72.79 | -38.01 | -3.23 |
| **3.53** | -109.40 | -72.79 | -36.18 | 0.43 | 37.04 |
| **3.71 (+5%)** | -76.45 | -38.01 | 0.43 | 38.87 | 77.31 |
| **3.88 (+10%)** | -43.50 | -3.23 | 37.04 | 77.31 | 117.59 |

## Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **187 (-10%)** | **197 (-5%)** | **207** | **218 (+5%)** | **228 (+10%)** |
| **3.18 (-10%)** | 47.70 | 80.65 | 113.60 | 146.55 | 179.50 |
| **3.35 (-5%)** | 80.65 | 115.43 | 150.21 | 184.99 | 219.77 |
| **3.53** | 113.60 | 150.21 | 186.82 | 223.43 | 260.04 |
| **3.71 (+5%)** | 146.55 | 184.99 | 223.43 | 261.87 | 300.31 |
| **3.88 (+10%)** | 179.50 | 219.77 | 260.04 | 300.31 | 340.59 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Fertilizer Event** | | | | | | | | |
| **Nutrient Analysis:** N: 182.5 | | | | | | | | |
| November 15 | Anhydrous | 222.68 lb/ac | 24,793.46 lb | 0.27 $/lb | $59.57 | $0.29 | $6,632.25 | $6,632.25 |
| | | | | **Total** | **$59.57** | **$0.29** | **$6,632.25** | |
| **Event: Fertilizer Event** | | | | | | | | |
| **Nutrient Analysis:** N: 20.5, P: 80.0, K: 108.5, S: 4.0, Lime: 2,220.5 | | | | | | | | |
| March 15 | Potash 0-0-60 | 181.01 lb/ac | 20,153.11 lb | 0.17 $/lb | $29.87 | $0.14 | $3,325.26 | $9,957.51 |
| | Lime 75 | 2,687.63 lb/ac | 299,240.36 lb | 0.03 $/lb | $90.04 | $0.43 | $10,024.55 | $19,982.07 |
| | AMS 21-0-0-24(S) | 12.45 lb/ac | 1,386.18 lb | 0.15 $/lb | $1.87 | $0.01 | $207.93 | $20,189.99 |
| | MAP 11-52-0 | 153.98 lb/ac | 17,144.57 lb | 0.19 $/lb | $29.26 | $0.14 | $3,257.47 | $23,447.46 |
| | | | | **Total** | **$151.03** | **$0.73** | **$16,815.21** | |
| | | | | **Total** | **$210.59** | **$1.02** | **$23,447.46** | |

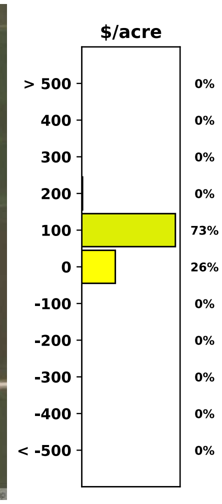
# ABC Enterprises : West Farm : West 80 : 2020 : Corn

## Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 90,068.31 | 3.90 | 808.95 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **90,068.31** | **3.90** | **808.95** | **751.09** |
| Seed | 12,915.41 | 0.56 | 116.00 | 94.85 |
| Fertilizer | 12,916.83 | 0.56 | 116.01 | 134.82 |
| Chemical | 8,350.48 | 0.36 | 75.00 | 60.34 |
| Land | 24,940.11 | 1.08 | 224.00 | 229.14 |
| Grain Drying/Handling/Hauling | 2,004.12 | 0.09 | 18.00 | 14.65 |
| Equipment | 9,063.06 | 0.39 | 81.40 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 2,460.61 | 0.11 | 22.10 | 23.67 |
| Insurance | 2,449.48 | 0.11 | 22.00 | 18.63 |
| Interest | 2,004.12 | 0.09 | 18.00 | 17.81 |
| Overhead/Home and Personal | 3,562.87 | 0.15 | 32.00 | 27.35 |
| Other | 2,783.49 | 0.12 | 25.00 | 20.12 |
| **Total Expenses** | **83,450.58** | **3.61** | **749.51** | **733.63** |
| **Field Profit** | **6,617.73** | **0.29** | **59.44** | **17.46** |

**Nutrient Analysis:** N: 199.4, P: 80.0, K: 108.5

## Profit


| | |
|---|---|
| **Field area** | 111.3 ac |
| **Total Yield** | 23,094.4 bu |
| **Average Yield** | 207.4 bu/ac |
| **Profit per acre Field Rank** | 9 of 24 |
| **Cost per bu Field Rank** | 23 of 24 |

## Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **187 (-10%)** | **197 (-5%)** | **207** | **218 (+5%)** | **228 (+10%)** |
| **3.51 (-10%)** | -94.26 | -57.86 | -21.46 | 14.95 | 51.35 |
| **3.71 (-5%)** | -57.86 | -19.44 | 18.99 | 57.41 | 95.84 |
| **3.90** | -21.46 | 18.99 | 59.44 | 99.88 | 140.33 |
| **4.10 (+5%)** | 14.95 | 57.41 | 99.88 | 142.35 | 184.82 |
| **4.29 (+10%)** | 51.35 | 95.84 | 140.33 | 184.82 | 229.32 |

## Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **187 (-10%)** | **197 (-5%)** | **207** | **218 (+5%)** | **228 (+10%)** |
| **3.51 (-10%)** | 129.74 | 166.14 | 202.54 | 238.95 | 275.35 |
| **3.71 (-5%)** | 166.14 | 204.56 | 242.99 | 281.41 | 319.84 |
| **3.90** | 202.54 | 242.99 | 283.44 | 323.88 | 364.33 |
| **4.10 (+5%)** | 238.95 | 281.41 | 323.88 | 366.35 | 408.82 |
| **4.29 (+10%)** | 275.35 | 319.84 | 364.33 | 408.82 | 453.32 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Fertilizer Event** | | | | | | | | |
| **Nutrient Analysis:** N: 182.5 | | | | | | | | |
| March 30 | Anhydrous | 222.68 lb/ac | 24,793.46 lb | 0.25 $/lb | $55.67 | $0.27 | $6,198.37 | $6,198.37 |
| | | | | **Total** | **$55.67** | **$0.27** | **$6,198.37** | |
| **Event: Fertilizer Event** | | | | | | | | |
| **Nutrient Analysis:** N: 16.9, P: 80.0, K: 108.5 | | | | | | | | |
| April 08 | Potash 0-0-60 | 181.01 lb/ac | 20,153.11 lb | 0.17 $/lb | $29.87 | $0.14 | $3,325.26 | $9,523.63 |
| | MAP 11-52-0 | 153.98 lb/ac | 17,144.57 lb | 0.20 $/lb | $30.57 | $0.15 | $3,403.20 | $12,926.83 |
| | | | | **Total** | **$60.43** | **$0.29** | **$6,728.46** | |
| | | | | **Total** | **$116.10** | **$0.56** | **$12,926.83** | |

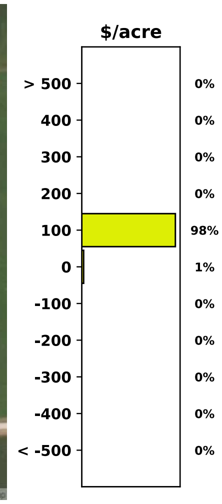
# Farm Plan

## ABC Enterprises : West Farm : The 40 : 2021 : Soybean

## Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 22,850.70 | 12.03 | 606.80 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **22,850.70** | **12.03** | **606.80** | **751.09** |
| Seed | 2,786.68 | 1.47 | 74.00 | 94.85 |
| Fertilizer | 0.00 | 0.00 | 0.00 | 134.82 |
| Chemical | 1,694.60 | 0.89 | 45.00 | 60.34 |
| Land | 8,322.37 | 4.38 | 221.00 | 229.14 |
| Grain Drying/Handling/Hauling | 0.00 | 0.00 | 0.00 | 14.65 |
| Equipment | 3,189.61 | 1.68 | 84.70 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 779.52 | 0.41 | 20.70 | 23.67 |
| Insurance | 602.52 | 0.32 | 16.00 | 18.63 |
| Interest | 790.81 | 0.42 | 21.00 | 17.81 |
| Overhead/Home and Personal | 1,054.42 | 0.56 | 28.00 | 27.35 |
| Other | 640.18 | 0.34 | 17.00 | 20.12 |
| **Total Expenses** | **19,860.71** | **10.46** | **527.40** | **733.63** |
| **Field Profit** | **2,989.98** | **1.57** | **79.40** | **17.46** |

## Profit


| | |
|---|---|
| **Field area** | 37.7 ac |
| **Total Yield** | 1,899.5 bu |
| **Average Yield** | 50.4 bu/ac |
| **Profit per acre Field Rank** | 8 of 24 |
| **Cost per bu Field Rank** | 1 of 24 |

## Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **45 (-10%)** | **48 (-5%)** | **50** | **53 (+5%)** | **55 (+10%)** |
| **10.83 (-10%)** | -35.89 | -8.59 | 18.72 | 46.02 | 73.33 |
| **11.43 (-5%)** | -8.59 | 20.24 | 49.06 | 77.88 | 106.70 |
| **12.03** | 18.72 | 49.06 | 79.40 | 109.74 | 140.08 |
| **12.63 (+5%)** | 46.02 | 77.88 | 109.74 | 141.60 | 173.45 |
| **13.23 (+10%)** | 73.33 | 106.70 | 140.08 | 173.45 | 206.83 |

## Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **45 (-10%)** | **48 (-5%)** | **50** | **53 (+5%)** | **55 (+10%)** |
| **10.83 (-10%)** | 185.11 | 212.41 | 239.72 | 267.02 | 294.33 |
| **11.43 (-5%)** | 212.41 | 241.24 | 270.06 | 298.88 | 327.70 |
| **12.03** | 239.72 | 270.06 | 300.40 | 330.74 | 361.08 |
| **12.63 (+5%)** | 267.02 | 298.88 | 330.74 | 362.60 | 394.45 |
| **13.23 (+10%)** | 294.33 | 327.70 | 361.08 | 394.45 | 427.83 |

Budget does not contain sufficient product data to build a farm plan.

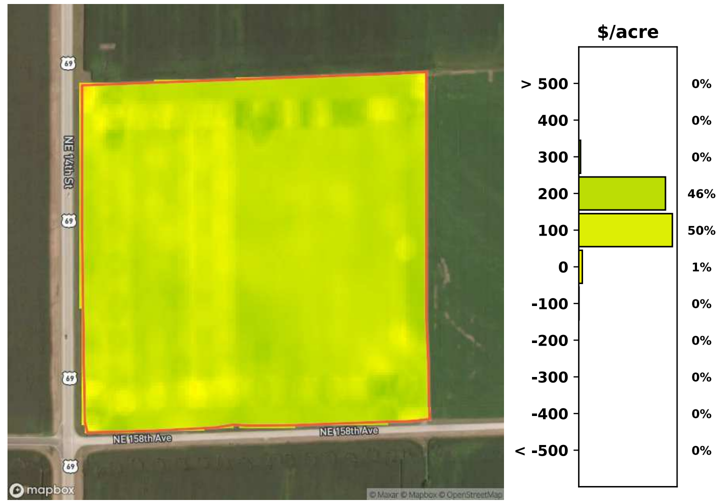
# Farm Plan

## ABC Enterprises : West Farm : The 40 : 2019 : Corn

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 30,905.39 | 3.53 | 820.69 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **30,905.39** | **3.53** | **820.69** | **751.09** |
| Seed | 3,607.62 | 0.41 | 95.80 | 94.85 |
| Fertilizer | 3,948.80 | 0.45 | 104.86 | 134.82 |
| Chemical | 1,821.13 | 0.21 | 48.36 | 60.34 |
| Land | 8,397.69 | 0.96 | 223.00 | 229.14 |
| Grain Drying/Handling/Hauling | 2,489.93 | 0.28 | 66.12 | 14.65 |
| Equipment | 2,489.18 | 0.28 | 66.10 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 1,368.48 | 0.16 | 36.34 | 23.67 |
| Insurance | 357.75 | 0.04 | 9.50 | 18.63 |
| Interest | 430.43 | 0.05 | 11.43 | 17.81 |
| Overhead/Home and Personal | 0.00 | 0.00 | 0.00 | 27.35 |
| Other | 376.58 | 0.04 | 10.00 | 20.12 |
| **Total Expenses** | **25,287.58** | **2.89** | **671.51** | **733.63** |
| **Field Profit** | **5,617.81** | **0.64** | **149.18** | **17.46** |

### Profit




| | |
|---|---|
| **Field area** | 37.7 ac |
| **Total Yield** | 8,755.1 bu |
| **Average Yield** | 232.5 bu/ac |
| **Profit per acre Field Rank** | 5 of 24 |
| **Cost per bu Field Rank** | 24 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **209 (-10%)** | **221 (-5%)** | **232** | **244 (+5%)** | **256 (+10%)** |
| **3.18 (-10%)** | -6.75 | 30.18 | 67.11 | 104.04 | 140.97 |
| **3.35 (-5%)** | 30.18 | 69.16 | 108.15 | 147.13 | 186.11 |
| **3.53** | 67.11 | 108.15 | 149.18 | 190.22 | 231.25 |
| **3.71 (+5%)** | 104.04 | 147.13 | 190.22 | 233.30 | 276.39 |
| **3.88 (+10%)** | 140.97 | 186.11 | 231.25 | 276.39 | 321.53 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **209 (-10%)** | **221 (-5%)** | **232** | **244 (+5%)** | **256 (+10%)** |
| **3.18 (-10%)** | 216.25 | 253.18 | 290.11 | 327.04 | 363.97 |
| **3.35 (-5%)** | 253.18 | 292.16 | 331.15 | 370.13 | 409.11 |
| **3.53** | 290.11 | 331.15 | 372.18 | 413.22 | 454.25 |
| **3.71 (+5%)** | 327.04 | 370.13 | 413.22 | 456.30 | 499.39 |
| **3.88 (+10%)** | 363.97 | 409.11 | 454.25 | 499.39 | 544.53 |

Budget does not contain sufficient product data to build a farm plan.

# Farm Plan

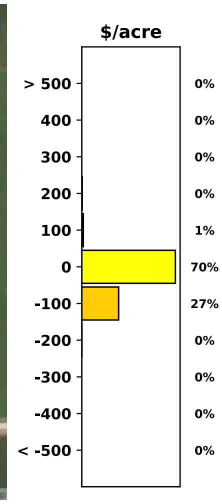
## ABC Enterprises : West Farm : The 40 : 2020 : Corn

### Summary

| | Total | $/bu | $/acre | Farm avg $/acre |
|---|---|---|---|---|
| Crop Revenue | 29,528.80 | 3.90 | 784.14 | 751.09 |
| Other Revenue | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Revenue** | **29,528.80** | **3.90** | **784.14** | **751.09** |
| Seed | 4,368.30 | 0.58 | 116.00 | 94.85 |
| Fertilizer | 6,969.98 | 0.92 | 185.09 | 134.82 |
| Chemical | 2,824.33 | 0.37 | 75.00 | 60.34 |
| Land | 8,435.34 | 1.11 | 224.00 | 229.14 |
| Grain Drying/Handling/Hauling | 677.84 | 0.09 | 18.00 | 14.65 |
| Equipment | 3,065.34 | 0.40 | 81.40 | 92.26 |
| Custom Hire | 0.00 | 0.00 | 0.00 | 0.00 |
| Labor | 832.24 | 0.11 | 22.10 | 23.67 |
| Insurance | 828.47 | 0.11 | 22.00 | 18.63 |
| Interest | 677.84 | 0.09 | 18.00 | 17.81 |
| Overhead/Home and Personal | 1,205.05 | 0.16 | 32.00 | 27.35 |
| Other | 941.44 | 0.12 | 25.00 | 20.12 |
| **Total Expenses** | **30,826.18** | **4.07** | **818.59** | **733.63** |
| **Field Profit** | **-1,297.38** | **-0.17** | **-34.45** | **17.46** |

**Nutrient Analysis:** N: 243.5, P: 81.2, K: 182.6, S: 15.7, Lime: 1,773.0

### Profit


| | |
|---|---|
| **Field area** | 37.7 ac |
| **Total Yield** | 7,571.5 bu |
| **Average Yield** | 201.1 bu/ac |
| **Profit per acre Field Rank** | 15 of 24 |
| **Cost per bu Field Rank** | 16 of 24 |

### Profit Sensitivity

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **181 (-10%)** | **191 (-5%)** | **201** | **211 (+5%)** | **221 (+10%)** |
| **3.51 (-10%)** | -183.44 | -148.15 | -112.87 | -77.58 | -42.29 |
| **3.70 (-5%)** | -148.15 | -110.91 | -73.66 | -36.41 | 0.83 |
| **3.90** | -112.87 | -73.66 | -34.45 | 4.75 | 43.96 |
| **4.09 (+5%)** | -77.58 | -36.41 | 4.75 | 45.92 | 87.09 |
| **4.29 (+10%)** | -42.29 | 0.83 | 43.96 | 87.09 | 130.22 |

### Breakeven Land Cost

| | Yield (bu/ac) | | | | |
|---|---|---|---|---|---|
| **Price ($/bu)** | **181 (-10%)** | **191 (-5%)** | **201** | **211 (+5%)** | **221 (+10%)** |
| **3.51 (-10%)** | 40.56 | 75.85 | 111.13 | 146.42 | 181.71 |
| **3.70 (-5%)** | 75.85 | 113.09 | 150.34 | 187.59 | 224.83 |
| **3.90** | 111.13 | 150.34 | 189.55 | 228.75 | 267.96 |
| **4.09 (+5%)** | 146.42 | 187.59 | 228.75 | 269.92 | 311.09 |
| **4.29 (+10%)** | 181.71 | 224.83 | 267.96 | 311.09 | 354.22 |

## Events

| Date | Product | App Rate | Total Qty | Cost | $/Acre | $/bu | Total Cost | Running Total Cost |
|---|---|---|---|---|---|---|---|---|
| **Event: Fertilizer Event** | | | | | | | | |
| **Nutrient Analysis:** N: 243.5, P: 81.2, K: 182.6, S: 15.7, Lime: 1,773.0 | | | | | | | | |
| March 05 | Potash 0-0-60 | 304.35 lb/ac | 11,461.18 lb | 0.17 $/lb | $50.22 | $0.25 | $1,891.09 | $1,891.09 |
| | Lime 75 | 914.84 lb/ac | 34,450.66 lb | 0.03 $/lb | $22.87 | $0.11 | $861.27 | $2,752.36 |
| | AMS 21-0-0-24(S) | 65.30 lb/ac | 2,458.89 lb | 0.25 $/lb | $16.32 | $0.08 | $614.72 | $3,367.08 |
| | Anhydrous | 259.28 lb/ac | 9,764.09 lb | 0.28 $/lb | $71.30 | $0.35 | $2,685.13 | $6,052.21 |
| | MAP 11-52-0 | 122.98 lb/ac | 4,631.24 lb | 0.20 $/lb | $24.41 | $0.12 | $919.30 | $6,971.51 |
| | | | | **Total** | **$185.13** | **$0.92** | **$6,971.51** | |
| | | | | **Total** | **$185.13** | **$0.92** | **$6,971.51** | |