

# 2019 Nebraska Crop Budgets

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These budget projections were created using cropping practice norms for many producers in Nebraska. However, each individual farming operation is unique.

**These budgets are available in both Adobe PDF and Excel worksheet formats. Producers can modify them to match their specific situation. The danger of releasing a tool that can subsequently be modified is that there is no way to verify that no alterations have been made or unrealistic data entered. Therefore, users of this tool are responsible for independently verifying all results prior to relying on them.**

Original files for these budgets are available at <http://extension.unl.edu/publications> and on <https://cropwatch.unl.edu/budgets>.

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**15-Corn, Conventional Tillage, Continuous, 90 bu Yield, Dryland**

**2019 Budget 15-Corn, Conventional Tillage, Continuous, 90 bu Yield Dryland**

|                                   | Field Operations      | Times or Qty | Unit | Labor @ \$20.00 /Hr | Fuel @ \$2.49 and Lube | Repairs |      | Ownership |       | Total | Your Estimate |
|-----------------------------------|-----------------------|--------------|------|---------------------|------------------------|---------|------|-----------|-------|-------|---------------|
|                                   |                       |              |      |                     |                        | Power   | Imp. | Power     | Imp.  |       |               |
| 1                                 | Disk                  | 1            |      | 2.02                | 2.18                   | 0.30    | 1.27 | 4.04      | 1.14  | 10.95 |               |
| 2                                 | Anhydrous Application | 1            |      | 1.83                | 1.52                   | 0.72    | 0.58 | 2.25      | 3.63  | 10.53 |               |
| 3                                 | Field Cultivation     | 1            |      | 1.47                | 1.56                   | 0.58    | 1.33 | 1.80      | 1.51  | 8.25  |               |
| 4                                 | Plant                 | 1            |      | 2.40                | 0.78                   | 0.86    | 2.54 | 2.70      | 3.53  | 12.81 |               |
| 5                                 | Spray Herbicide       | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 6                                 | Row Crop Cultivation  | 1            |      | 2.00                | 0.91                   | 0.78    | 0.44 | 2.45      | 1.52  | 8.10  |               |
| 7                                 | Row Crop Cultivation  | 0.25         |      | 0.50                | 0.23                   | 0.20    | 0.11 | 0.61      | 0.38  | 2.03  |               |
| 8                                 | Spray Herbicide       | 0.5          |      | 0.50                | 0.15                   | 0.17    | 0.32 | 0.54      | 0.41  | 2.09  |               |
| 9                                 | Spray Insecticide     | Custom       |      |                     |                        |         |      |           |       |       |               |
| 10                                | Combine Dryland Corn  | 1            |      | 3.14                | 4.30                   | 7.31    | 1.53 | 5.84      | 4.33  | 26.45 |               |
| 11                                | Cart                  | 90           | bu   | 1.29                | 0.50                   | 0.50    | 0.82 | 1.58      | 0.49  | 5.18  |               |
| 12                                | Truck                 | Custom       |      |                     |                        |         |      |           |       |       |               |
| 13                                | Dry Grain             | Custom       |      |                     |                        |         |      |           |       |       |               |
| <b>Total for Field Operations</b> |                       |              |      | 16.15               | 12.43                  | 11.77   | 9.58 | 22.89     | 17.75 | 90.57 |               |

| Materials & Services                  |                | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |        |
|---------------------------------------|----------------|-----------------|-----------------------|-----------------------|---------------|-------|---------------|--------|
|                                       |                |                 |                       |                       |               |       |               | 82-0-0 |
| Corn                                  | Seed           | 4               | 100%                  | 13.8 k seed           | 2.38          | 32.88 |               |        |
| Capture LFR                           | Insecticide    | 4               | 100%                  | 6.6 ounce             | 2.34          | 15.47 |               |        |
| 10-34-0                               | Fertilizer     | 4               | 100%                  | 6 gallon              | 2.45          | 14.70 |               |        |
| Lumax EZ                              | Herbicide      | 5               | 100%                  | 2.7 quart             | 20.00         | 54.00 |               |        |
| Spray                                 | Custom         | 8               | 50%                   | 1 acre                | 7.00          | 3.50  |               |        |
| Armezon Pro                           | Herbicide      | 8               | 50%                   | 14 ounce              | 1.33          | 9.30  |               |        |
| NIS                                   | Additive       | 8               | 50%                   | 6 ounce               | 0.18          | 0.54  |               |        |
| UAN                                   | Additive       | 8               | 50%                   | 2 pint                | 0.19          | 0.19  |               |        |
| Spray                                 | Custom         | 9               | 30%                   | 1 acre                | 7.00          | 2.10  |               |        |
| Brigade 2EC                           | Insecticide    | 9               | 10%                   | 5.12 ounce            | 0.70          | 0.36  |               |        |
| Mustang Maxx                          | Insecticide    | 9               | 20%                   | 2 ounce               | 1.41          | 0.56  |               |        |
| Haul Grain Bushels                    | Custom         | 12              | 100%                  | 90 bushel             | 0.11          | 9.90  |               |        |
| Dry 2 Points Removed                  | Custom         | 13              | 10%                   | 90 bushel             | 0.08          | 0.72  |               |        |
| Scouting Dryland Corn                 | Scouting       |                 | 100%                  | 1 acre                | 7.00          | 7.00  |               |        |
|                                       | Crop Insurance |                 |                       |                       | 25.00         | 25.00 |               |        |
| <b>Total Materials &amp; Services</b> |                |                 |                       |                       |               |       | 204.12        |        |

|   |                 |                |            |             |  |        |  |
|---|-----------------|----------------|------------|-------------|--|--------|--|
| <b>Total listed costs for Field Operations and Materials and Services</b>       |                 |                |            |             |  | 294.69 |  |
| Interest on Operations Capital  | \$ 254.05       | cash expense @ | 5.50%      | for 6.0 mo. |  | 6.99   |  |
| <b>Total Operating and Use Related Ownership Costs</b>                          |                 |                |            |             |  | 301.68 |  |
| <b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense) |                 |                |            |             |  | 20.00  |  |
| Real Estate Opportunity   | Dryland (State) | \$ 3,100       | per acre @ | 3.00%       |  | 93.00  |  |
| Real Estate Taxes   |                 | \$ 3,100       | per acre @ | 1.35%       |  | 41.85  |  |
| <b>Total Cost per Acre Including Overhead</b>                                   |                 |                |            |             |  | 456.53 |  |
| <b>Cost per bu</b>  |                 |                |            |             |  | 5.07   |  |
| <b>Cash Cost per bu</b>   |                 |                |            |             |  | 3.37   |  |

**16-Corn, Conventional Tillage, in Corn/Soybean Rotation, Conventional Seed (Non Bt), 100 bu Yield, Dryland**

**2019 Budget 16-Corn, Conventional Tillage, in Corn/Soybean Rotation, Conventional Seed (Non Bt), 100 bu Yield Dryland**

| Field Operations                  | Times or Qty | Unit | Labor @ \$20.00 /Hr | Fuel @ \$2.49 and Lube | Repairs |      | Ownership |       | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|-----------|-------|-------|---------------|
|                                   |              |      |                     |                        | Power   | Imp. | Power     | Imp.  |       |               |
| 1 Anhydrous Application           | 1            |      | 1.83                | 1.52                   | 0.72    | 0.58 | 2.25      | 3.63  | 10.53 |               |
| 2 Field Cultivation               | 1            |      | 1.47                | 1.56                   | 0.58    | 1.33 | 1.80      | 1.51  | 8.25  |               |
| 3 Plant                           | 1            |      | 2.40                | 0.78                   | 0.86    | 2.54 | 2.70      | 3.53  | 12.81 |               |
| 4 Spray Herbicide                 | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 5 Row Crop Cultivation            | 1            |      | 2.00                | 0.91                   | 0.78    | 0.44 | 2.45      | 1.52  | 8.10  |               |
| 6 Row Crop Cultivation            | 0.25         |      | 0.50                | 0.23                   | 0.20    | 0.11 | 0.61      | 0.38  | 2.03  |               |
| 7 Spray Herbicide                 | 0.5          |      | 0.50                | 0.15                   | 0.17    | 0.32 | 0.54      | 0.41  | 2.09  |               |
| 8 Spray Insecticide               | Custom       |      |                     |                        |         |      |           |       |       |               |
| 9 Combine Dryland Corn            | 1            |      | 3.14                | 4.30                   | 7.31    | 1.53 | 5.84      | 4.33  | 26.45 |               |
| 10 Cart                           | 100          | bu   | 1.43                | 0.56                   | 0.56    | 0.92 | 1.75      | 0.54  | 5.76  |               |
| 11 Truck                          | Custom       |      |                     |                        |         |      |           |       |       |               |
| 12 Dry Grain                      | Custom       |      |                     |                        |         |      |           |       |       |               |
| <b>Total for Field Operations</b> |              |      | 14.27               | 10.31                  | 11.53   | 8.41 | 19.02     | 16.66 | 80.20 |               |

| Materials & Services                  | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |
|---------------------------------------|-----------------|-----------------------|-----------------------|---------------|-------|---------------|
|                                       |                 |                       |                       |               |       |               |
| Corn                                  | Seed            | 3                     | 100%                  | 15.4 k seed   | 2.38  | 36.54         |
| 10-34-0                               | Fertilizer      | 3                     | 100%                  | 6 gallon      | 2.45  | 14.70         |
| Lumax EZ                              | Herbicide       | 4                     | 100%                  | 2.7 quart     | 20.00 | 54.00         |
| Spray                                 | Custom          | 7                     | 50%                   | 1 acre        | 7.00  | 3.50          |
| Laudis                                | Herbicide       | 7                     | 50%                   | 3 ounce       | 4.45  | 6.68          |
| MSO                                   | Additive        | 7                     | 50%                   | 19.2 ounce    | 0.17  | 1.61          |
| UAN                                   | Additive        | 7                     | 50%                   | 2 pint        | 0.19  | 0.19          |
| Spray                                 | Custom          | 8                     | 30%                   | 1 acre        | 7.00  | 2.10          |
| Brigade 2EC                           | Insecticide     | 8                     | 10%                   | 5.12 ounce    | 0.70  | 0.36          |
| Mustang Maxx                          | Insecticide     | 8                     | 20%                   | 2 ounce       | 1.41  | 0.56          |
| Haul Grain Bushels                    | Custom          | 11                    | 100%                  | 100 bushel    | 0.11  | 11.00         |
| Dry 2 Points Removed                  | Custom          | 12                    | 10%                   | 100 bushel    | 0.08  | 0.80          |
| Scouting Dryland Corn                 | Scouting        |                       | 100%                  | 1 acre        | 7.00  | 7.00          |
|                                       | Crop Insurance  |                       |                       |               | 25.00 | 25.00         |
| <b>Total Materials &amp; Services</b> |                 |                       |                       |               |       | 181.09        |

|   |                           |        |
|---|---------------------------|--------|
| <b>Total listed costs for Field Operations and Materials and Services</b>       |                           | 261.29 |
| Interest on Operations Capital \$ 225.61 cash expense @ 5.50% for 6.0 mo.       |                           | 6.20   |
| <b>Total Operating and Use Related Ownership Costs</b>                          |                           | 267.49 |
| <b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense) |                           | 20.00  |
| Real Estate Opportunity Dryland (State)   | \$ 3,100 per acre @ 3.00% | 93.00  |
| Real Estate Taxes   | \$ 3,100 per acre @ 1.35% | 41.85  |
| <b>Total Cost per Acre Including Overhead</b>                                   |                           | 422.34 |
| <b>Cost per bu</b>  |                           | 4.22   |
| <b>Cash Cost per bu</b>   |                           | 2.74   |

17-Corn, Eastern Nebraska, Conventional Tillage, Continuous, 150 bu Yield, Dryland

2019 Budget 17-Corn, Eastern Nebraska, Conventional Tillage, Continuous, 150 bu Yield  
Dryland

| Field Operations                  | Times or Qty | Unit | Labor @ \$20.00 /Hr | Fuel @ \$2.49 and Lube | Repairs |      | Ownership |       | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|-----------|-------|-------|---------------|
|                                   |              |      |                     |                        | Power   | Imp. | Power     | Imp.  |       |               |
| 1 Disk                            | 1            |      | 2.02                | 2.18                   | 0.30    | 1.27 | 4.04      | 1.14  | 10.95 |               |
| 2 Anhydrous Application           | 1            |      | 1.83                | 1.52                   | 0.72    | 0.58 | 2.25      | 3.63  | 10.53 |               |
| 3 Field Cultivation               | 1            |      | 1.47                | 1.56                   | 0.58    | 1.33 | 1.80      | 1.51  | 8.25  |               |
| 4 Plant                           | 1            |      | 2.40                | 0.78                   | 0.86    | 2.54 | 2.70      | 3.53  | 12.81 |               |
| 5 Spray Herbicide                 | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 6 Spray Herbicide                 | 0.5          |      | 0.50                | 0.15                   | 0.17    | 0.32 | 0.54      | 0.41  | 2.09  |               |
| 7 Spray Insecticide               | Custom       |      |                     |                        |         |      |           |       |       |               |
| 8 Combine Dryland Corn            | 1            |      | 3.14                | 4.30                   | 7.31    | 1.53 | 5.84      | 4.33  | 26.45 |               |
| 9 Cart                            | 150          | bu   | 2.14                | 0.84                   | 0.84    | 1.37 | 2.63      | 0.81  | 8.63  |               |
| 10 Truck                          | Custom       |      |                     |                        |         |      |           |       |       |               |
| 11 Dry Grain                      | Custom       |      |                     |                        |         |      |           |       |       |               |
| <b>Total for Field Operations</b> |              |      | 14.50               | 11.63                  | 11.13   | 9.58 | 20.88     | 16.17 | 83.89 |               |

| Materials & Services                  |                | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total  | Your Estimate |
|---------------------------------------|----------------|-----------------|-----------------------|-----------------------|---------------|--------|---------------|
|                                       |                |                 |                       |                       |               |        |               |
| Corn                                  | Seed           | 4               | 100%                  | 23.1 k seed           | 2.38          | 54.81  |               |
| Capture LFR                           | Insecticide    | 4               | 100%                  | 6.6 ounce             | 2.34          | 15.47  |               |
| 10-34-0                               | Fertilizer     | 4               | 100%                  | 6 gallon              | 2.45          | 14.70  |               |
| Lumax EZ                              | Herbicide      | 5               | 100%                  | 2.7 quart             | 20.00         | 54.00  |               |
| Status                                | Herbicide      | 6               | 50%                   | 2.5 ounce             | 4.30          | 5.38   |               |
| NIS                                   | Additive       | 6               | 50%                   | 6 ounce               | 0.18          | 0.54   |               |
| UAN                                   | Additive       | 6               | 50%                   | 2 pint                | 0.19          | 0.19   |               |
| Spray                                 | Custom         | 7               | 30%                   | 1 acre                | 7.00          | 2.10   |               |
| Brigade 2EC                           | Insecticide    | 7               | 10%                   | 5.12 ounce            | 0.70          | 0.36   |               |
| Mustang Maxx                          | Insecticide    | 7               | 20%                   | 2 ounce               | 1.41          | 0.56   |               |
| Haul Grain Bushels                    | Custom         | 10              | 100%                  | 150 bushel            | 0.11          | 16.50  |               |
| Dry 2 Points Removed                  | Custom         | 11              | 20%                   | 150 bushel            | 0.08          | 2.40   |               |
| Scouting Dryland Corn                 | Scouting       |                 | 100%                  | 1 acre                | 7.00          | 7.00   |               |
|                                       | Crop Insurance |                 |                       |                       | 15.00         | 15.00  |               |
| <b>Total Materials &amp; Services</b> |                |                 |                       |                       |               | 230.86 |               |

|   |   |        |
|---|---|--------|
| <b>Total listed costs for Field Operations and Materials and Services</b>       |   | 314.75 |
| Interest on Operations Capital \$ 277.70  | cash expense @ 5.50% for 6.0 mo.            | 7.64   |
| <b>Total Operating and Use Related Ownership Costs</b>                          |   | 322.39 |
| <b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense) |   | 20.00  |
| Real Estate Opportunity   | Dryland (Eastern) \$ 5,675 per acre @ 3.00% | 170.25 |
| Real Estate Taxes   | \$ 5,675 per acre @ 1.35%                   | 76.61  |
| <b>Total Cost per Acre Including Overhead</b>                                   |   | 589.25 |
| <b>Cost per bu</b>  |   | 3.93   |
| <b>Cash Cost per bu</b>   |   | 2.41   |

**18-Corn, Eastern Nebraska, Conventional Tillage, in Corn/Soybean Rotation, 160 bu Yield, Dryland**

**2019 Budget 18-Corn, Eastern Nebraska, Conventional Tillage, in Corn/Soybean Rotation, 160 bu Yield Dryland**

| Field Operations                  | Times or Qty | Unit | Labor @ \$20.00 /Hr | Fuel @ \$2.49 and Lube | Repairs |      | Ownership |       | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|-----------|-------|-------|---------------|
|                                   |              |      |                     |                        | Power   | Imp. | Power     | Imp.  |       |               |
| 1 Anhydrous Application           | 1            |      | 1.83                | 1.52                   | 0.72    | 0.58 | 2.25      | 3.63  | 10.53 |               |
| 2 Field Cultivation               | 1            |      | 1.47                | 1.56                   | 0.58    | 1.33 | 1.80      | 1.51  | 8.25  |               |
| 3 Plant                           | 1            |      | 2.40                | 0.78                   | 0.86    | 2.54 | 2.70      | 3.53  | 12.81 |               |
| 4 Spray Herbicide                 | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 5 Spray Herbicide                 | 0.5          |      | 0.50                | 0.15                   | 0.17    | 0.32 | 0.54      | 0.41  | 2.09  |               |
| 6 Spray Insecticide               | Custom       |      |                     |                        |         |      |           |       |       |               |
| 7 Combine Dryland Corn            | 1            |      | 3.14                | 4.30                   | 7.31    | 1.53 | 5.84      | 4.33  | 26.45 |               |
| 8 Cart                            | 160          |      | 2.29                | 0.89                   | 0.90    | 1.46 | 2.80      | 0.86  | 9.20  |               |
| 9 Truck                           | Custom       | bu   |                     |                        |         |      |           |       |       |               |
| 10 Dry Grain                      | Custom       |      |                     |                        |         |      |           |       |       |               |
| <b>Total for Field Operations</b> |              |      | 12.63               | 9.50                   | 10.89   | 8.40 | 17.01     | 15.08 | 73.51 |               |

| Materials & Services                  | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |        |
|---------------------------------------|-----------------|-----------------------|-----------------------|---------------|-------|---------------|--------|
|                                       |                 |                       |                       |               |       |               | 82-0-0 |
| Corn                                  | Seed            | 3                     | 100%                  | 24.6 k seed   | 2.38  | 58.46         |        |
| 10-34-0                               | Fertilizer      | 3                     | 100%                  | 6 gallon      | 2.45  | 14.70         |        |
| Lumax EZ                              | Herbicide       | 4                     | 100%                  | 2.7 quart     | 20.00 | 54.00         |        |
| Armezon Pro                           | Herbicide       | 5                     | 50%                   | 14 ounce      | 1.33  | 9.30          |        |
| NIS                                   | Additive        | 5                     | 50%                   | 6 ounce       | 0.18  | 0.54          |        |
| UAN                                   | Additive        | 5                     | 50%                   | 2 pint        | 0.19  | 0.19          |        |
| Spray                                 | Custom          | 6                     | 30%                   | 1 acre        | 7.00  | 2.10          |        |
| Brigade 2EC                           | Insecticide     | 6                     | 10%                   | 5.12 ounce    | 0.70  | 0.36          |        |
| Mustang Maxx                          | Insecticide     | 6                     | 20%                   | 2 ounce       | 1.41  | 0.56          |        |
| Haul Grain Bushels                    | Custom          | 9                     | 100%                  | 160 bushel    | 0.11  | 17.60         |        |
| Dry 2 Points Removed                  | Custom          | 10                    | 20%                   | 160 bushel    | 0.08  | 2.56          |        |
| Scouting Dryland Corn                 | Scouting        |                       | 100%                  | 1 acre        | 7.00  | 7.00          |        |
|                                       | Crop Insurance  |                       |                       |               | 15.00 | 15.00         |        |
| <b>Total Materials &amp; Services</b> |                 |                       |                       |               |       | 218.02        |        |

|   |                   |          |             |       |  |        |
|---|-------------------|----------|-------------|-------|--|--------|
| <b>Total listed costs for Field Operations and Materials and Services</b>       |                   |          |             |       |  | 291.53 |
| Interest on Operations Capital \$ 259.44  | cash expense @    | 5.50%    | for 6.0 mo. |       |  | 7.13   |
| <b>Total Operating and Use Related Ownership Costs</b>                          |                   |          |             |       |  | 298.66 |
| <b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense) |                   |          |             |       |  | 20.00  |
| Real Estate Opportunity   | Dryland (Eastern) | \$ 5,675 | per acre @  | 3.00% |  | 170.25 |
| Real Estate Taxes   |                   | \$ 5,675 | per acre @  | 1.35% |  | 76.61  |
| <b>Total Cost per Acre Including Overhead</b>                                   |                   |          |             |       |  | 565.52 |
| <b>Cost per bu</b>  |                   |          |             |       |  | 3.53   |
| <b>Cash Cost per bu</b>   |                   |          |             |       |  | 2.14   |

19-Corn, Bt, ECB, RW, RR2, & RIB, No Till, Continuous, 125 bu Yield, Dryland

2019 Budget 19-Corn, Bt, ECB, RW, RR2, & RIB, No Till, Continuous, 125 bu Yield Dryland

| Field Operations                  | Times or Qty | Unit | Labor @ \$20.00 /Hr | Fuel @ \$2.49 and Lube | Repairs |      | Ownership |       | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|-----------|-------|-------|---------------|
|                                   |              |      |                     |                        | Power   | Imp. | Power     | Imp.  |       |               |
| 1 Spray Spring Burndown Herbicide | 0.5          |      | 0.50                | 0.15                   | 0.17    | 0.32 | 0.54      | 0.41  | 2.09  |               |
| 2 Spray Fertilizer and Herbicide  | 1            |      | 1.00                | 0.30                   | 0.35    | 0.19 | 1.08      | 2.03  | 4.95  |               |
| 3 Plant No-Till                   | 1            |      | 2.40                | 0.97                   | 0.86    | 4.41 | 2.70      | 6.13  | 17.47 |               |
| 4 Spray Herbicide                 | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 5 Spray Insecticide               | Custom       |      |                     |                        |         |      |           |       |       |               |
| 6 Combine Dryland Corn            | 1            |      | 3.14                | 4.30                   | 7.31    | 1.53 | 5.84      | 4.33  | 26.45 |               |
| 7 Cart                            | 125          | bu   | 1.79                | 0.70                   | 0.70    | 1.14 | 2.19      | 0.67  | 7.19  |               |
| 8 Truck                           | Custom       |      |                     |                        |         |      |           |       |       |               |
| 9 Dry Grain                       | Custom       |      |                     |                        |         |      |           |       |       |               |
| <b>Total for Field Operations</b> |              |      | 9.83                | 6.72                   | 9.74    | 8.23 | 13.43     | 14.38 | 62.33 |               |

| Materials & Services                  |                | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |                         |
|---------------------------------------|----------------|-----------------|-----------------------|-----------------------|---------------|-------|---------------|-------------------------|
|                                       |                |                 |                       |                       |               |       |               | Glyphosate w/Surfactant |
| 2,4-D Ester LV4                       | Herbicide      | 1               | 50%                   | 1 pint                | 2.13          | 1.06  |               |                         |
| 21-0-0-24S                            | Additive       | 1               | 50%                   | 1.7 pound             | 0.35          | 0.30  |               |                         |
| 32-0-0                                | Fertilizer     | 2               | 100%                  | 115 lbs N             | 0.42          | 48.30 |               |                         |
| Acuron                                | Herbicide      | 2               | 100%                  | 2.5 quart             | 15.00         | 37.50 |               |                         |
| Corn Bt, ECB, RW, RR2, & RIB          | Seed           | 3               | 100%                  | 19.2 k seed           | 3.38          | 64.90 |               |                         |
| 10-34-0-1Zn                           | Fertilizer     | 3               | 100%                  | 6 gallon              | 2.50          | 15.00 |               |                         |
| Glyphosate w/Surfactant               | Herbicide      | 4               | 100%                  | 32 ounce              | 0.12          | 3.75  |               |                         |
| 21-0-0-24S                            | Additive       | 4               | 100%                  | 1.7 pound             | 0.35          | 0.60  |               |                         |
| Laudis                                | Herbicide      | 4               | 50%                   | 3 ounce               | 4.45          | 6.68  |               |                         |
| * Spray                               | Custom         | 5               | 30%                   | 1 acre                | 7.00          | 2.10  |               |                         |
| * Brigade 2EC                         | Insecticide    | 5               | 10%                   | 5.12 ounce            | 0.70          | 0.36  |               |                         |
| * Mustang Maxx                        | Insecticide    | 5               | 20%                   | 2 ounce               | 1.41          | 0.56  |               |                         |
| Haul Grain Bushels                    | Custom         | 8               | 100%                  | 125 bushel            | 0.11          | 13.75 |               |                         |
| Dry 2 Points Removed                  | Custom         | 9               | 10%                   | 125 bushel            | 0.08          | 1.00  |               |                         |
| Scouting Dryland Corn                 | Scouting       |                 | 100%                  | 1 acre                | 7.00          | 7.00  |               |                         |
|                                       | Crop Insurance |                 |                       |                       | 25.00         | 25.00 |               |                         |
| <b>Total Materials &amp; Services</b> |                |                 |                       |                       |               |       | 229.74        |                         |

\*Insecticide for Spider mites and Western Bean Cutworm respectively.

|   |  |        |
|---|--|--------|
| <b>Total listed costs for Field Operations and Materials and Services</b>   |  | 292.07 |
| Interest on Operations Capital \$ 264.26 cash expense @ 5.50% for 6.0 mo.   |  | 7.27   |
| <b>Total Operating and Use Related Ownership Costs</b>  |  | 299.34 |
| <b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense)   |  | 20.00  |
| Real Estate Opportunity <span style="border: 1px solid black; padding: 2px;">Dryland (State)</span> \$ 3,100 per acre @ 3.00% |  | 93.00  |
| Real Estate Taxes \$ 3,100 per acre @ 1.35%   |  | 41.85  |
| <b>Total Cost per Acre Including Overhead</b>   |  | 454.19 |
| <b>Cost per bu</b>  |  | 3.63   |
| <b>Cash Cost per bu</b>   |  | 2.51   |

20-Corn, Bt, ECB, RW, RR2, & RIB, Eastern Nebraska, No Till, Continuous, 170 bu Yield, Dryland

2019 Budget 20-Corn, Bt, ECB, RW, RR2, & RIB, Eastern Nebraska, No Till, Continuous, 170 bu Yield Dryland

| Field Operations                  | Times or Qty | Unit | Labor @ \$20.00 /Hr | Fuel @ \$2.49 and Lube | Repairs |      | Ownership |       | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|-----------|-------|-------|---------------|
|                                   |              |      |                     |                        | Power   | Imp. | Power     | Imp.  |       |               |
| 1 Spray Spring Burndown Herbicide | 0.5          |      | 0.50                | 0.15                   | 0.17    | 0.32 | 0.54      | 0.41  | 2.09  |               |
| 2 Spray Fertilizer and Herbicide  | 1            |      | 1.00                | 0.30                   | 0.35    | 0.19 | 1.08      | 2.03  | 4.95  |               |
| 3 Plant No-Till                   | 1            |      | 2.40                | 0.97                   | 0.86    | 4.41 | 2.70      | 6.13  | 17.47 |               |
| 4 Spray Herbicide                 | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 5 Spray Insecticide               | Custom       |      |                     |                        |         |      |           |       |       |               |
| 6 Combine Dryland Corn            | 1            |      | 3.14                | 4.30                   | 7.31    | 1.53 | 5.84      | 4.33  | 26.45 |               |
| 7 Cart                            | 170          | bu   | 2.43                | 0.95                   | 0.95    | 1.56 | 2.98      | 0.92  | 9.79  |               |
| 8 Truck                           | Custom       |      |                     |                        |         |      |           |       |       |               |
| 9 Dry Grain                       | Custom       |      |                     |                        |         |      |           |       |       |               |
| <b>Total for Field Operations</b> |              |      | 10.47               | 6.97                   | 9.99    | 8.65 | 14.22     | 14.63 | 64.93 |               |

| Materials & Services                  |                | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |                         |
|---------------------------------------|----------------|-----------------|-----------------------|-----------------------|---------------|-------|---------------|-------------------------|
|                                       |                |                 |                       |                       |               |       |               | Glyphosate w/Surfactant |
| 2,4-D Ester LV4                       | Herbicide      | 1               | 50%                   | 1 pint                | 2.13          | 1.06  |               |                         |
| 21-0-0-24S                            | Additive       | 1               | 50%                   | 1.7 pound             | 0.35          | 0.30  |               |                         |
| 32-0-0                                | Fertilizer     | 2               | 100%                  | 160 lbs N             | 0.42          | 67.20 |               |                         |
| Acuron                                | Herbicide      | 2               | 100%                  | 2.5 quart             | 15.00         | 37.50 |               |                         |
| Corn Bt, ECB, RW, RR2, & RIB          | Seed           | 3               | 100%                  | 26.2 k seed           | 3.38          | 88.27 |               |                         |
| 10-34-0-1Zn                           | Fertilizer     | 3               | 100%                  | 6 gallon              | 2.50          | 15.00 |               |                         |
| Glyphosate w/Surfactant               | Herbicide      | 4               | 100%                  | 32 ounce              | 0.12          | 3.75  |               |                         |
| 21-0-0-24S                            | Additive       | 4               | 100%                  | 1.7 pound             | 0.35          | 0.60  |               |                         |
| Status                                | Herbicide      | 4               | 50%                   | 2.5 ounce             | 4.30          | 5.38  |               |                         |
| * Spray                               | Custom         | 5               | 30%                   | 1 acre                | 7.00          | 2.10  |               |                         |
| * Brigade 2EC                         | Insecticide    | 5               | 10%                   | 5.12 ounce            | 0.70          | 0.36  |               |                         |
| * Mustang Maxx                        | Insecticide    | 5               | 20%                   | 2 ounce               | 1.41          | 0.56  |               |                         |
| Haul Grain Bushels                    | Custom         | 8               | 100%                  | 170 bushel            | 0.11          | 18.70 |               |                         |
| Dry 2 Points Removed                  | Custom         | 9               | 20%                   | 170 bushel            | 0.08          | 2.72  |               |                         |
| Scouting Dryland Corn                 | Scouting       |                 | 100%                  | 1 acre                | 7.00          | 7.00  |               |                         |
|                                       | Crop Insurance |                 |                       |                       | 15.00         | 15.00 |               |                         |
| <b>Total Materials &amp; Services</b> |                |                 |                       |                       |               |       | 267.38        |                         |

\*Insecticide for Spider mites and Western Bean Cutworm respectively.

|   |                   |          |             |       |  |        |  |
|---|-------------------|----------|-------------|-------|--|--------|--|
| <b>Total listed costs for Field Operations and Materials and Services</b>       |                   |          |             |       |  | 332.31 |  |
| Interest on Operations Capital \$ 303.46  | cash expense @    | 5.50%    | for 6.0 mo. |       |  | 8.35   |  |
| <b>Total Operating and Use Related Ownership Costs</b>                          |                   |          |             |       |  | 340.66 |  |
| <b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense) |                   |          |             |       |  | 20.00  |  |
| Real Estate Opportunity   | Dryland (Eastern) | \$ 5,675 | per acre @  | 3.00% |  | 170.25 |  |
| Real Estate Taxes   |                   | \$ 5,675 | per acre @  | 1.35% |  | 76.61  |  |
| <b>Total Cost per Acre Including Overhead</b>                                   |                   |          |             |       |  | 607.52 |  |
| <b>Cost per bu</b>  |                   |          |             |       |  | 3.57   |  |
| <b>Cash Cost per bu</b>   |                   |          |             |       |  | 2.28   |  |

**21-Corn, SmartStax RIB Complete, No Till, Continuous, 130 bu Yield, Dryland**

**2019 Budget 21-Corn, SmartStax RIB Complete, No Till, Continuous, 130 bu Yield Dryland**

| Field Operations                  | Times or Qty | Unit | Labor @ \$20.00 /Hr | Fuel @ \$2.49 and Lube | Repairs |      | Ownership |       | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|-----------|-------|-------|---------------|
|                                   |              |      |                     |                        | Power   | Imp. | Power     | Imp.  |       |               |
| 1 Spray Spring Burndown Herbicide | 0.5          |      | 0.50                | 0.15                   | 0.17    | 0.32 | 0.54      | 0.41  | 2.09  |               |
| 2 Spray Fertilizer and Herbicide  | 1            |      | 1.00                | 0.30                   | 0.35    | 0.19 | 1.08      | 2.03  | 4.95  |               |
| 3 Plant No-Till                   | 1            |      | 2.40                | 0.97                   | 0.86    | 4.41 | 2.70      | 6.13  | 17.47 |               |
| 4 Spray Herbicide                 | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 5 Spray Insecticide               | Custom       |      |                     |                        |         |      |           |       |       |               |
| 6 Combine Dryland Corn            | 1            |      | 3.14                | 4.30                   | 7.31    | 1.53 | 5.84      | 4.33  | 26.45 |               |
| 7 Cart                            | 130          | bu   | 1.86                | 0.73                   | 0.73    | 1.19 | 2.28      | 0.70  | 7.49  |               |
| 8 Truck                           | Custom       |      |                     |                        |         |      |           |       |       |               |
| 9 Dry Grain                       | Custom       |      |                     |                        |         |      |           |       |       |               |
| <b>Total for Field Operations</b> |              |      | 9.90                | 6.75                   | 9.77    | 8.28 | 13.52     | 14.41 | 62.63 |               |

| Materials & Services                  | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |
|---------------------------------------|-----------------|-----------------------|-----------------------|---------------|-------|---------------|
|                                       |                 |                       |                       |               |       |               |
| 2,4-D Ester LV4                       | Herbicide       | 1                     | 50%                   | 1 pint        | 2.13  | 1.06          |
| 21-0-0-24S                            | Additive        | 1                     | 50%                   | 1.7 pound     | 0.35  | 0.30          |
| 32-0-0                                | Fertilizer      | 2                     | 100%                  | 120 lbs N     | 0.42  | 50.40         |
| Acuron                                | Herbicide       | 2                     | 100%                  | 2.5 quart     | 15.00 | 37.50         |
| Corn SmartStax RIB Complete           | Seed            | 3                     | 100%                  | 20.0 k seed   | 3.75  | 75.00         |
| 10-34-0                               | Fertilizer      | 3                     | 100%                  | 6 gallon      | 2.45  | 14.70         |
| Glyphosate w/Surfactant               | Herbicide       | 4                     | 100%                  | 32 ounce      | 0.12  | 3.75          |
| 21-0-0-24S                            | Additive        | 4                     | 100%                  | 1.7 pound     | 0.35  | 0.60          |
| Armezon Pro                           | Herbicide       | 4                     | 50%                   | 14 ounce      | 1.33  | 9.30          |
| Spray                                 | Custom          | 5                     | 10%                   | 1 acre        | 7.00  | 0.70          |
| Brigade 2EC                           | Insecticide     | 5                     | 10%                   | 5.12 ounce    | 0.70  | 0.36          |
| Haul Grain Bushels                    | Custom          | 8                     | 100%                  | 130 bushel    | 0.11  | 14.30         |
| Dry 2 Points Removed                  | Custom          | 9                     | 10%                   | 130 bushel    | 0.08  | 1.04          |
| Scouting Dryland Corn                 | Scouting        |                       | 100%                  | 1 acre        | 7.00  | 7.00          |
|                                       | Crop Insurance  |                       |                       |               | 25.00 | 25.00         |
| <b>Total Materials &amp; Services</b> |                 |                       |                       |               |       | 242.89        |

|   |                 |          |             |       |  |        |
|---|-----------------|----------|-------------|-------|--|--------|
| <b>Total listed costs for Field Operations and Materials and Services</b>       |                 |          |             |       |  | 305.52 |
| Interest on Operations Capital \$ 277.59  | cash expense @  | 5.50%    | for 6.0 mo. |       |  | 7.63   |
| <b>Total Operating and Use Related Ownership Costs</b>                          |                 |          |             |       |  | 313.15 |
| <b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense) |                 |          |             |       |  | 20.00  |
| Real Estate Opportunity   | Dryland (State) | \$ 3,100 | per acre @  | 3.00% |  | 93.00  |
| Real Estate Taxes   |                 | \$ 3,100 | per acre @  | 1.35% |  | 41.85  |
| <b>Total Cost per Acre Including Overhead</b>                                   |                 |          |             |       |  | 468.00 |
| <b>Cost per bu</b>  |                 |          |             |       |  | 3.60   |
| <b>Cash Cost per bu</b>   |                 |          |             |       |  | 2.52   |



22-Corn, SmartStax RIB Complete, Eastern Nebraska, No Till, Continuous, 175 bu Yield, Dryland

2019 Budget 22-Corn, SmartStax RIB Complete, Eastern Nebraska, No Till, Continuous, 175 bu Yield Dryland

| Field Operations                  | Times or Qty | Unit | Labor @ \$20.00 /Hr | Fuel @ \$2.49 and Lube | Repairs |      | Ownership |       | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|-----------|-------|-------|---------------|
|                                   |              |      |                     |                        | Power   | Imp. | Power     | Imp.  |       |               |
| 1 Spray Spring Burndown Herbicide | 0.5          |      | 0.50                | 0.15                   | 0.17    | 0.32 | 0.54      | 0.41  | 2.09  |               |
| 2 Spray Fertilizer and Herbicide  | 1            |      | 1.00                | 0.30                   | 0.35    | 0.19 | 1.08      | 2.03  | 4.95  |               |
| 3 Plant No-Till                   | 1            |      | 2.40                | 0.97                   | 0.86    | 4.41 | 2.70      | 6.13  | 17.47 |               |
| 4 Spray Herbicide                 | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 5 Spray Insecticide               | Custom       |      |                     |                        |         |      |           |       |       |               |
| 6 Combine Dryland Corn            | 1            |      | 3.14                | 4.30                   | 7.31    | 1.53 | 5.84      | 4.33  | 26.45 |               |
| 7 Cart                            | 175          | bu   | 2.50                | 0.98                   | 0.98    | 1.60 | 3.06      | 0.94  | 10.06 |               |
| 8 Truck                           | Custom       |      |                     |                        |         |      |           |       |       |               |
| 9 Dry Grain                       | Custom       |      |                     |                        |         |      |           |       |       |               |
| <b>Total for Field Operations</b> |              |      | 10.54               | 7.00                   | 10.02   | 8.69 | 14.30     | 14.65 | 65.20 |               |

| Materials & Services                  |                | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total  | Your Estimate |                         |
|---------------------------------------|----------------|-----------------|-----------------------|-----------------------|---------------|--------|---------------|-------------------------|
|                                       |                |                 |                       |                       |               |        |               | Glyphosate w/Surfactant |
| 2,4-D Ester LV4                       | Herbicide      | 1               | 50%                   | 1 pint                | 2.13          | 1.06   |               |                         |
| 21-0-0-24S                            | Additive       | 1               | 50%                   | 1.7 pound             | 0.35          | 0.30   |               |                         |
| 32-0-0                                | Fertilizer     | 2               | 100%                  | 175 lbs N             | 0.42          | 73.50  |               |                         |
| Acuron                                | Herbicide      | 2               | 100%                  | 2.5 quart             | 15.00         | 37.50  |               |                         |
| Corn SmartStax RIB Complete           | Seed           | 3               | 100%                  | 26.9 k seed           | 3.75          | 100.96 |               |                         |
| 10-34-0                               | Fertilizer     | 3               | 100%                  | 6 gallon              | 2.45          | 14.70  |               |                         |
| Glyphosate w/Surfactant               | Herbicide      | 4               | 100%                  | 32 ounce              | 0.12          | 3.75   |               |                         |
| 21-0-0-24S                            | Additive       | 4               | 100%                  | 1.7 pound             | 0.35          | 0.60   |               |                         |
| Laudis                                | Herbicide      | 4               | 50%                   | 3 ounce               | 4.45          | 6.68   |               |                         |
| Spray                                 | Custom         | 5               | 10%                   | 1 acre                | 7.00          | 0.70   |               |                         |
| Brigade 2EC                           | Insecticide    | 5               | 10%                   | 5.12 ounce            | 0.70          | 0.36   |               |                         |
| Haul Grain Bushels                    | Custom         | 8               | 100%                  | 175 bushel            | 0.11          | 19.25  |               |                         |
| Dry 2 Points Removed                  | Custom         | 9               | 20%                   | 175 bushel            | 0.08          | 2.80   |               |                         |
| Scouting Dryland Corn                 | Scouting       |                 | 100%                  | 1 acre                | 7.00          | 7.00   |               |                         |
|                                       | Crop Insurance |                 |                       |                       | 15.00         | 15.00  |               |                         |
| <b>Total Materials &amp; Services</b> |                |                 |                       |                       |               |        | 286.04        |                         |

**Total listed costs for Field Operations and Materials and Services** 351.24

Interest on Operations Capital \$ 322.29 cash expense @ 5.50% for 6.0 mo. 8.86

**Total Operating and Use Related Ownership Costs** 360.10

**Overhead** (accounting, liability insurance, vehicle cost, office expense) 20.00

Real Estate Opportunity Dryland (Eastern) \$ 5,675 per acre @ 3.00% 170.25

Real Estate Taxes \$ 5,675 per acre @ 1.35% 76.61

**Total Cost per Acre Including Overhead** 626.96

**Cost per bu** 3.58

**Cash Cost per bu** 2.33

23-Corn, Bt, ECB, & RIB, No Till, after Beans, 135 bu Yield, Dryland

2019 Budget 23-Corn, Bt, ECB, & RIB, No Till, after Beans, 135 bu Yield Dryland

| Field Operations                  | Times or Qty | Unit | Labor @ \$20.00 /Hr | Fuel @ \$2.49 and Lube | Repairs |      | Ownership |       | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|-----------|-------|-------|---------------|
|                                   |              |      |                     |                        | Power   | Imp. | Power     | Imp.  |       |               |
| 1 Spray Spring Burndown Herbicide | 0.5          |      | 0.50                | 0.15                   | 0.17    | 0.32 | 0.54      | 0.41  | 2.09  |               |
| 2 Spray Fertilizer                | 1            |      | 1.00                | 0.30                   | 0.35    | 0.19 | 1.08      | 2.03  | 4.95  |               |
| 3 Plant No-Till                   | 1            |      | 2.40                | 0.97                   | 0.86    | 4.41 | 2.70      | 6.13  | 17.47 |               |
| 4 Spray Herbicide                 | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 5 Spray Herbicide                 | 0.5          |      | 0.50                | 0.15                   | 0.17    | 0.32 | 0.54      | 0.41  | 2.09  |               |
| 6 Spray Insecticide               | Custom       |      |                     |                        |         |      |           |       |       |               |
| 7 Combine Dryland Corn            | 1            |      | 3.14                | 4.30                   | 7.31    | 1.53 | 5.84      | 4.33  | 26.45 |               |
| 8 Cart                            | 135          | bu   | 1.93                | 0.75                   | 0.76    | 1.24 | 2.36      | 0.73  | 7.77  |               |
| 9 Truck                           | Custom       |      |                     |                        |         |      |           |       |       |               |
| 10 Dry Grain                      | Custom       |      |                     |                        |         |      |           |       |       |               |
| <b>Total for Field Operations</b> |              |      | 10.47               | 6.92                   | 9.97    | 8.65 | 14.14     | 14.85 | 65.00 |               |

| Materials & Services                  |                | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |                         |
|---------------------------------------|----------------|-----------------|-----------------------|-----------------------|---------------|-------|---------------|-------------------------|
|                                       |                |                 |                       |                       |               |       |               | Glyphosate w/Surfactant |
| 2,4-D Ester LV4                       | Herbicide      | 1               | 50%                   | 1.0 pint              | 2.13          | 1.06  |               |                         |
| 21-0-0-24S                            | Additive       | 1               | 50%                   | 1.7 pound             | 0.35          | 0.30  |               |                         |
| 32-0-0                                | Fertilizer     | 2               | 100%                  | 90 lbs N              | 0.42          | 37.80 |               |                         |
| Corn Bt, ECB, & RIB                   | Seed           | 3               | 100%                  | 20.8 k seed           | 2.75          | 57.12 |               |                         |
| 10-34-0                               | Fertilizer     | 3               | 100%                  | 6 gallon              | 2.45          | 14.70 |               |                         |
| Acuron                                | Herbicide      | 4               | 100%                  | 2.5 quart             | 15.00         | 37.50 |               |                         |
| Crop Oil Concentrate                  | Additive       | 4               | 100%                  | 1.6 pint              | 1.34          | 2.15  |               |                         |
| 21-0-0-24S                            | Additive       | 4               | 100%                  | 2.5 pound             | 0.35          | 0.88  |               |                         |
| Status                                | Herbicide      | 5               | 50%                   | 2.5 ounce             | 4.30          | 5.38  |               |                         |
| Atrazine 90 DF                        | Herbicide      | 5               | 50%                   | 0.5 pound             | 3.00          | 0.75  |               |                         |
| Crop Oil Concentrate                  | Additive       | 5               | 50%                   | 1 pint                | 1.34          | 0.67  |               |                         |
| UAN                                   | Additive       | 5               | 50%                   | 3 pint                | 0.19          | 0.29  |               |                         |
| * Spray                               | Custom         | 6               | 30%                   | 1 acre                | 7.00          | 2.10  |               |                         |
| * Brigade 2EC                         | Insecticide    | 6               | 10%                   | 5.12 ounce            | 0.70          | 0.36  |               |                         |
| * Mustang Maxx                        | Insecticide    | 6               | 20%                   | 2 ounce               | 1.41          | 0.56  |               |                         |
| Haul Grain Bushels                    | Custom         | 9               | 100%                  | 135 bushel            | 0.11          | 14.85 |               |                         |
| Dry 2 Points Removed                  | Custom         | 10              | 10%                   | 135 bushel            | 0.08          | 1.08  |               |                         |
| Scouting Dryland Corn                 | Scouting       |                 | 100%                  | 1 acre                | 7.00          | 7.00  |               |                         |
|                                       | Crop Insurance |                 |                       |                       | 25.00         | 25.00 |               |                         |
| <b>Total Materials &amp; Services</b> |                |                 |                       |                       |               |       | 211.43        |                         |

\*Insecticide for Spider mites and Western Bean Cutworm respectively.

**Total listed costs for Field Operations and Materials and Services** 276.43

Interest on Operations Capital \$ 247.44 cash expense @ 5.50% for 6.0 mo. 6.80

**Total Operating and Use Related Ownership Costs** 283.23

**Overhead** (accounting, liability insurance, vehicle cost, office expense) 20.00

Real Estate Opportunity Dryland (State) \$ 3,100 per acre @ 3.00% 93.00

Real Estate Taxes \$ 3,100 per acre @ 1.35% 41.85

**Total Cost per Acre Including Overhead** 438.08

**Cost per bu** 3.25

**Cash Cost per bu** 2.19

24-Corn, Bt, ECB, & RIB, Eastern Nebraska, No Till, after Beans, 185 bu Yield, Dryland

2019 Budget 24-Corn, Bt, ECB, & RIB, Eastern Nebraska, No Till, after Beans, 185 bu Yield Dryland

| Field Operations                  | Times or Qty | Unit | Labor @ \$20.00 /Hr | Fuel @ \$2.49 and Lube | Repairs |      | Ownership |       | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|-----------|-------|-------|---------------|
|                                   |              |      |                     |                        | Power   | Imp. | Power     | Imp.  |       |               |
| 1 Spray Spring Burndown Herbicide | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 2 Spray Fertilizer                | 1            |      | 1.00                | 0.30                   | 0.35    | 0.19 | 1.08      | 2.03  | 4.95  |               |
| 3 Plant No-Till                   | 1            |      | 2.40                | 0.97                   | 0.86    | 4.41 | 2.70      | 6.13  | 17.47 |               |
| 4 Spray Herbicide                 | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 5 Spray Herbicide                 | 0.5          |      | 0.50                | 0.15                   | 0.17    | 0.32 | 0.54      | 0.41  | 2.09  |               |
| 6 Spray Insecticide               | Custom       |      |                     |                        |         |      |           |       |       |               |
| 7 Combine Dryland Corn            | 1            |      | 3.14                | 4.30                   | 7.31    | 1.53 | 5.84      | 4.33  | 26.45 |               |
| 8 Cart                            | 185          | bu   | 2.64                | 1.03                   | 1.04    | 1.69 | 3.24      | 1.00  | 10.64 |               |
| 9 Truck                           | Custom       |      |                     |                        |         |      |           |       |       |               |
| 10 Dry Grain                      | Custom       |      |                     |                        |         |      |           |       |       |               |
| <b>Total for Field Operations</b> |              |      | 11.68               | 7.35                   | 10.43   | 9.42 | 15.56     | 15.52 | 69.96 |               |

| Materials & Services                  |                | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |                         |
|---------------------------------------|----------------|-----------------|-----------------------|-----------------------|---------------|-------|---------------|-------------------------|
|                                       |                |                 |                       |                       |               |       |               | Glyphosate w/Surfactant |
| 2,4-D Ester LV4                       | Herbicide      | 1               | 50%                   | 1.0 pint              | 2.13          | 1.06  |               |                         |
| 21-0-0-24S                            | Additive       | 1               | 50%                   | 1.7 pound             | 0.35          | 0.30  |               |                         |
| 32-0-0                                | Fertilizer     | 2               | 100%                  | 140 lbs N             | 0.42          | 58.80 |               |                         |
| Corn Bt, ECB, & RIB                   | Seed           | 3               | 100%                  | 28.5 k seed           | 2.75          | 78.27 |               |                         |
| 10-34-0                               | Fertilizer     | 3               | 100%                  | 6 gallon              | 2.45          | 14.70 |               |                         |
| Acuron                                | Herbicide      | 4               | 100%                  | 2.5 quart             | 15.00         | 37.50 |               |                         |
| Crop Oil Concentrate                  | Additive       | 4               | 100%                  | 1.6 pint              | 1.34          | 2.15  |               |                         |
| 21-0-0-24S                            | Additive       | 4               | 100%                  | 2.5 pound             | 0.35          | 0.88  |               |                         |
| Armezon Pro                           | Herbicide      | 5               | 50%                   | 14 ounce              | 1.33          | 9.30  |               |                         |
| Atrazine 90 DF                        | Herbicide      | 5               | 50%                   | 0.5 pound             | 3.00          | 0.75  |               |                         |
| Crop Oil Concentrate                  | Additive       | 5               | 50%                   | 1 pint                | 1.34          | 0.67  |               |                         |
| UAN                                   | Additive       | 5               | 50%                   | 3 pint                | 0.19          | 0.29  |               |                         |
| * Spray                               | Custom         | 6               | 30%                   | 1 acre                | 7.00          | 2.10  |               |                         |
| * Brigade 2EC                         | Insecticide    | 6               | 10%                   | 5.12 ounce            | 0.70          | 0.36  |               |                         |
| * Mustang Maxx                        | Insecticide    | 6               | 20%                   | 2 ounce               | 1.41          | 0.56  |               |                         |
| Haul Grain Bushels                    | Custom         | 9               | 100%                  | 185 bushel            | 0.11          | 20.35 |               |                         |
| Dry 2 Points Removed                  | Custom         | 10              | 20%                   | 185 bushel            | 0.08          | 2.96  |               |                         |
| Scouting Dryland Corn                 | Scouting       |                 | 100%                  | 1 acre                | 7.00          | 7.00  |               |                         |
|                                       | Crop Insurance |                 |                       |                       | 15.00         | 15.00 |               |                         |
| <b>Total Materials &amp; Services</b> |                |                 |                       |                       |               |       | 254.88        |                         |

\*Insecticide for Spider mites and Western Bean Cutworm respectively.

**Total listed costs for Field Operations and Materials and Services** 324.84

Interest on Operations Capital \$ 293.76 cash expense @ 5.50% for 6.0 mo. 8.08

**Total Operating and Use Related Ownership Costs** 332.92

**Overhead** (accounting, liability insurance, vehicle cost, office expense) 20.00

Real Estate Opportunity Dryland (Eastern) \$ 5,675 per acre @ 3.00% 170.25

Real Estate Taxes \$ 5,675 per acre @ 1.35% 76.61

**Total Cost per Acre Including Overhead** 599.78

**Cost per bu** 3.24

**Cash Cost per bu** 2.05

25-Corn, ECB, RR2, & RIB, Ecofallow, Follows Wheat, Two Crops in Three Years, 125 bu Yield, Dryland

2019 Budget 25-Corn, ECB, RR2, & RIB, Ecofallow, Follows Wheat, Two Crops in Three Years, 125 bu Yield Dryland

| Field Operations                  | Times or Qty | Unit | Labor @ \$20.00 /Hr | Fuel @ \$2.49 and Lube | Repairs |      | Ownership |       | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|-----------|-------|-------|---------------|
|                                   |              |      |                     |                        | Power   | Imp. | Power     | Imp.  |       |               |
| 1 Spray (Prior Year Stubble)      | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 2 Spray (Prior Year Stubble)      | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 3 Spray Fertilizer and Herbicide  | 1            |      | 1.00                | 0.30                   | 0.35    | 0.19 | 1.08      | 2.03  | 4.95  |               |
| 4 Plant No-Till                   | 1            |      | 2.40                | 0.97                   | 0.86    | 4.41 | 2.70      | 6.13  | 17.47 |               |
| 5 Spray Herbicide                 | 1            |      | 1.00                | 0.30                   | 0.35    | 0.64 | 1.08      | 0.81  | 4.18  |               |
| 6 Spray Insecticide               | Custom       |      |                     |                        |         |      |           |       |       |               |
| 7 Combine Dryland Corn            | 1            |      | 3.14                | 4.30                   | 7.31    | 1.53 | 5.84      | 4.33  | 26.45 |               |
| 8 Cart                            | 125          | bu   | 1.79                | 0.70                   | 0.70    | 1.14 | 2.19      | 0.67  | 7.19  |               |
| 9 Truck                           | Custom       |      |                     |                        |         |      |           |       |       |               |
| 10 Dry Grain                      | Custom       |      |                     |                        |         |      |           |       |       |               |
| <b>Total for Field Operations</b> |              |      | 11.33               | 7.17                   | 10.27   | 9.19 | 15.05     | 15.59 | 68.60 |               |

| Materials & Services                  | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |                         |
|---------------------------------------|-----------------|-----------------------|-----------------------|---------------|-------|---------------|-------------------------|
|                                       |                 |                       |                       |               |       |               | Glyphosate w/Surfactant |
| 21-0-0-24S                            | Additive        | 1                     | 100%                  | 1.7 pound     | 0.35  | 0.60          |                         |
| Rugged                                | Herbicide       | 1                     | 100%                  | 1 quart       | 8.25  | 8.25          |                         |
| AAtrex 4L                             | Herbicide       | 2                     | 100%                  | 1.5 quart     | 4.50  | 6.75          |                         |
| Glyphosate w/Surfactant               | Herbicide       | 2                     | 100%                  | 32 ounce      | 0.12  | 3.75          |                         |
| 21-0-0-24S                            | Additive        | 2                     | 100%                  | 1.7 pound     | 0.35  | 0.60          |                         |
| 32-0-0                                | Fertilizer      | 3                     | 100%                  | 125 lbs N     | 0.42  | 52.50         |                         |
| AAtrex 4L                             | Herbicide       | 3                     | 100%                  | 0.5 quart     | 4.50  | 2.25          |                         |
| Balance Flexx                         | Herbicide       | 3                     | 100%                  | 4 ounce       | 3.70  | 14.80         |                         |
| 10-34-0                               | Fertilizer      | 4                     | 100%                  | 6 gallon      | 2.45  | 14.70         |                         |
| Corn Bt, ECB, RR2, & RIB              | Seed            | 4                     | 100%                  | 19.2 k seed   | 3.00  | 57.69         |                         |
| Glyphosate w/Surfactant               | Herbicide       | 5                     | 100%                  | 32 ounce      | 0.12  | 3.75          |                         |
| 21-0-0-24S                            | Additive        | 5                     | 100%                  | 1.7 pound     | 0.35  | 0.60          |                         |
| Laudis                                | Herbicide       | 5                     | 50%                   | 3 ounce       | 4.45  | 6.68          |                         |
| * Spray                               | Custom          | 6                     | 30%                   | 1 acre        | 7.00  | 2.10          |                         |
| * Brigade 2EC                         | Insecticide     | 6                     | 10%                   | 5.12 ounce    | 0.70  | 0.36          |                         |
| * Mustang Maxx                        | Insecticide     | 6                     | 20%                   | 2 ounce       | 1.41  | 0.56          |                         |
| Haul Grain Bushels                    | Custom          | 9                     | 100%                  | 125 bushel    | 0.11  | 13.75         |                         |
| Dry 2 Points Removed                  | Custom          | 10                    | 10%                   | 125 bushel    | 0.08  | 1.00          |                         |
| Scouting Dryland Corn                 | Scouting        |                       | 100%                  | 1 acre        | 7.00  | 7.00          |                         |
| Crop Insurance                        |                 |                       |                       |               | 25.00 | 25.00         |                         |
| <b>Total Materials &amp; Services</b> |                 |                       |                       |               |       | 226.44        |                         |

\*Insecticide for Spider mites and Western Bean Cutworm respectively.

**Total listed costs for Field Operations and Materials and Services**

|  |                |       |             |        |
|--|----------------|-------|-------------|--------|
| Interest on Operations Capital \$ 264.40               | cash expense @ | 5.50% | for 6.0 mo. | 7.27   |
| <b>Total Operating and Use Related Ownership Costs</b> |                |       |             | 302.31 |

**Overhead** (accounting, liability insurance, vehicle cost, office expense)

|                         |                     |          |            |       |       |
|-------------------------|---------------------|----------|------------|-------|-------|
| Real Estate Opportunity | Dryland (Southwest) | \$ 1,585 | per acre @ | 3.00% | 47.55 |
| Real Estate Taxes       |                     | \$ 1,585 | per acre @ | 1.35% | 21.40 |

**Total Cost per Acre Including Overhead**

|  |        |
|--|--------|
|  | 391.26 |
|--|--------|

**Cost per bu**

|  |      |
|--|------|
|  | 3.13 |
|--|------|

**Cash Cost per bu**

|  |      |
|--|------|
|  | 2.34 |
|--|------|