

2021 Nebraska Crop Budgets

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The 2021 Nebraska Crop 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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2021 Budget 71-Sunflower, Clearfield, Panhandle, No Till, Following Corn or Grain Sorghum, 13 cwt Yield Dryland

| Field Operations | Times or Qty | Unit | Labor @ \$25.00 /Hr | Fuel @ \$1.50 and Lube | Repairs | | Ownership^ | | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|------------|-------|-------|---------------|
| | | | | | Power | Imp. | Power | Imp. | | |
| 1 Spray Fertilizer and Herbicide | 1 | | 0.95 | 0.14 | 0.35 | 0.16 | 1.03 | 2.71 | 5.34 | |
| 2 Spray Herbicide | 0.5 | | 0.47 | 0.07 | 0.18 | 0.30 | 0.51 | 0.54 | 2.07 | |
| 3 Plant No-Till | 1 | | 3.00 | 0.58 | 1.16 | 5.89 | 3.39 | 8.18 | 22.20 | |
| 4 Spray Herbicide | 0.5 | | 0.47 | 0.07 | 0.18 | 0.30 | 0.51 | 0.54 | 2.07 | |
| 5 Aerial Spray | Custom | | | | | | | | | |
| 6 Combine Sunflowers | 1 | | 3.44 | 2.26 | 8.37 | 1.20 | 8.94 | 4.63 | 28.84 | |
| 7 Truck | Custom | | | | | | | | | |
| Total for Field Operations | | | 8.33 | 3.12 | 10.24 | 7.85 | 14.38 | 16.60 | 60.52 | |

| Materials & Services | | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate | |
|---------------------------------------|-------------|-----------------|-----------------------|-----------------------|---------------|-------|---------------|----------------------------|
| | | | | | | | | Glyphosate 5# w/Surfactant |
| 21-0-0-24S | Additive | 1 | 100% | 1.7 pound | 0.31 | 0.53 | | |
| Prowl H2O | Herbicide | 1 | 100% | 2 pint | 6.50 | 13.00 | | |
| 28-0-0 | Fertilizer | 1 | 100% | 50 lbs N | 0.38 | 19.17 | | |
| Spartan 4F | Herbicide | 1 | 100% | 5 ounce | 1.95 | 9.77 | | |
| Glyphosate 5# w/Surfactant | Herbicide | 2 | 50% | 32 ounce | 0.09 | 1.50 | | |
| 21-0-0-24S | Additive | 2 | 50% | 1.7 pound | 0.31 | 0.26 | | |
| Prowl H2O | Herbicide | 2 | 50% | 1 pint | 6.50 | 3.25 | | |
| Sunflower Clearfield | Seed | 3 | 100% | 20 k seed | 1.44 | 28.80 | | |
| Beyond | Herbicide | 4 | 50% | 4 ounce | 4.69 | 9.38 | | |
| NIS | Additive | 4 | 50% | 5 ounce | 0.16 | 0.39 | | |
| UAN | Additive | 4 | 50% | 3 pint | 0.16 | 0.23 | | |
| * Aerial Spray | Custom | 5 | 50% | 1 acre | 10.00 | 5.00 | | |
| * Warrior II/Zeon | Insecticide | 5 | 50% | 1.92 ounce | 2.50 | 2.40 | | |
| Haul Grain (Sunflower) | Custom | 7 | 100% | 13 cwt | 0.30 | 3.90 | | |
| Crop Insurance | | | | | 14.00 | 14.00 | | |
| Total Materials & Services | | | | | | | 114.58 | |

*Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services

| | | | | |
|--|----------------|-------|-------------|--------|
| Interest on Operations Capital \$ 144.12 | cash expense @ | 5.50% | for 6.0 mo. | 3.96 |
| Total Operating and Use Related Ownership Costs | | | | 179.06 |

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

| | | | | | |
|---|---------------------|--------|------------|-------|-------|
| Real Estate Opportunity^ | Dryland (Panhandle) | \$ 695 | per acre @ | 3.00% | 25.00 |
| Real Estate Taxes | | \$ 695 | per acre @ | 1.25% | 20.85 |
| Total Cost per Acre Including Overhead | | | | | 8.69 |

Total Cost per Acre Including Overhead 233.60

| | | |
|-----------------------------------|--|-------|
| Cash Cost per cwt | <i>^Ownership and RE Opportunity not included in cash costs.</i> | 13.98 |
| Cost of production per cwt | | 17.97 |

2021 Budget 72-Sunflower, Clearfield, Panhandle, Ecofallow, after Wheat, Two Crops in Three Years, 16 cwt Yield Dryland

| Field Operations | Times or Qty | Unit | Labor @ \$25.00 /Hr | Fuel @ \$1.50 and Lube | Repairs | | Ownership [^] | | Total | Your Estimate |
|-----------------------------------|--------------|------|---------------------|------------------------|---------|------|------------------------|-------|-------|---------------|
| | | | | | Power | Imp. | Power | Imp. | | |
| 1 Spray Herbicide | 1 | | 0.95 | 0.14 | 0.35 | 0.60 | 1.03 | 1.08 | 4.15 | |
| 2 Spray (Prior Year Stubble) | 1 | | 0.95 | 0.14 | 0.35 | 0.60 | 1.03 | 1.08 | 4.15 | |
| 3 Spray Fertilizer and Herbicide | 1 | | 0.95 | 0.14 | 0.35 | 0.16 | 1.03 | 2.71 | 5.34 | |
| 4 Spray Herbicide | 0.5 | | 0.47 | 0.07 | 0.18 | 0.30 | 0.51 | 0.54 | 2.07 | |
| 5 Plant No-Till | 1 | | 3.00 | 0.58 | 1.16 | 5.89 | 3.39 | 8.18 | 22.20 | |
| 6 Spray Herbicide | 1 | | 0.95 | 0.14 | 0.35 | 0.60 | 1.03 | 1.08 | 4.15 | |
| 7 Aerial Spray | Custom | | | | | | | | | |
| 8 Combine Sunflowers | 1 | | 3.44 | 2.26 | 8.37 | 1.20 | 8.94 | 4.63 | 28.84 | |
| 9 Truck | Custom | | | | | | | | | |
| Total for Field Operations | | | 10.71 | 3.47 | 11.11 | 9.35 | 16.96 | 19.30 | 70.90 | |

| Materials & Services | | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate | |
|---------------------------------------|----------------|-----------------|-----------------------|-----------------------|---------------|-------|---------------|---------------|
| | | | | | | | | Landmaster BW |
| 21-0-0-24S | Additive | 1 | 100% | 2 pound | 0.31 | 0.62 | | |
| Glyphosate 5# w/Surfactant | Herbicide | 2 | 100% | 32 ounce | 0.09 | 3.00 | | |
| 21-0-0-24S | Additive | 2 | 100% | 1.7 pound | 0.31 | 0.53 | | |
| Glyphosate 5# w/Surfactant | Herbicide | 3 | 100% | 32 ounce | 0.09 | 3.00 | | |
| 21-0-0-24S | Additive | 3 | 100% | 1.7 pound | 0.31 | 0.53 | | |
| Prowl H2O | Herbicide | 3 | 100% | 2 pint | 6.50 | 13.00 | | |
| 28-0-0 | Fertilizer | 3 | 100% | 60 lbs N | 0.38 | 23.00 | | |
| Spartan 4F | Herbicide | 3 | 100% | 5 ounce | 1.95 | 9.77 | | |
| Glyphosate 5# w/Surfactant | Herbicide | 4 | 50% | 32 ounce | 0.09 | 1.50 | | |
| 21-0-0-24S | Additive | 4 | 50% | 1.7 pound | 0.31 | 0.26 | | |
| Prowl H ₂ O | Herbicide | 4 | 50% | 1 pint | 6.50 | 3.25 | | |
| Sunflower Clearfield | Seed | 5 | 100% | 20 k seed | 1.44 | 28.80 | | |
| Beyond | Herbicide | 6 | 50% | 4 ounce | 4.69 | 9.38 | | |
| NIS | Additive | 6 | 50% | 5 ounce | 0.16 | 0.39 | | |
| UAN | Additive | 6 | 50% | 3 pint | 0.16 | 0.23 | | |
| * Aerial Spray | Custom | 7 | 30% | 1 acre | 10.00 | 3.00 | | |
| * Warrior II/Zeon | Insecticide | 7 | 30% | 1.92 ounce | 2.50 | 1.44 | | |
| Haul Grain (Sunflower) | Custom | 9 | 100% | 16 cwt | 0.30 | 4.80 | | |
| | Crop Insurance | | | | 14.00 | 14.00 | | |
| Total Materials & Services | | | | | | | 127.25 | |

*Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services 198.15

Interest on Operations Capital \$ 161.89 cash expense @ 5.50% for 6.0 mo. 4.45

Total Operating and Use Related Ownership Costs 202.60

Overhead (accounting, liability insurance, vehicle cost, office expense) 25.00

Real Estate Opportunity[^] Dryland (Panhandle) \$ 695 per acre @ 3.00% 20.85

Real Estate Taxes \$ 695 per acre @ 1.25% 8.69

Total Cost per Acre Including Overhead 257.14

Cash Cost per cwt [^]Ownership and RE Opportunity not included in cash costs. 12.50

Cost of production per cwt 16.07

**2021 Budget 73-Sunflower, Clearfield, Panhandle, No Till, 30 cwt Yield
Pivot Irrigated, 800 GPM 35 PSI, 8 acre/inches**

| Field Operations | | Times or Qty | Unit | Labor @ \$25.00 /Hr | Fuel @ \$1.50 and Lube | Repairs | | Ownership [^] | | Total | Your Estimate |
|-----------------------------------|---------------------------------|-----------------|------|------------------------|---------------------------|---------|-------|------------------------|-------|--------|------------------|
| | | | | | | Power | Imp. | Power | Imp. | | |
| 1 | Spray Herbicide | 1 | | 0.95 | 0.14 | 0.35 | 0.60 | 1.03 | 1.08 | 4.15 | |
| 2 | Spray Fertilizer and Herbicide | 1 | | 0.95 | 0.14 | 0.35 | 0.16 | 1.03 | 2.71 | 5.34 | |
| 3 | Plant No-Till | 1 | | 3.00 | 0.58 | 1.16 | 5.89 | 3.39 | 8.18 | 22.20 | |
| 4 | Spray Herbicide | Custom | | | | | | | | | |
| 5 | Aerial Spray | Custom | | | | | | | | | |
| 6 | Pivot E 125' Lift w/fertigation | 8 | ai | 9.26 | 22.81 | 2.34 | 14.39 | 4.10 | 7.90 | 60.80 | |
| 7 | Combine Sunflowers | 1 | | 3.44 | 2.26 | 8.37 | 1.20 | 8.94 | 4.63 | 28.84 | |
| 8 | Truck | Custom | | | | | | | | | |
| Total for Field Operations | | | | 17.60 | 25.93 | 12.57 | 22.24 | 18.49 | 24.50 | 121.33 | |

| Materials & Services | | | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |
|---------------------------------------|----------------------------|-------------|--------------------|-----------------------------|--------------------------|------------------|--------|------------------|
| | | | | | | | | |
| | Glyphosate 5# w/Surfactant | Herbicide | 1 | 100% | 32 ounce | 0.09 | 3.00 | |
| | 21-0-0-24S | Additive | 1 | 100% | 1.7 pound | 0.31 | 0.53 | |
| | Prowl H2O | Herbicide | 2 | 100% | 2.3 pint | 6.50 | 14.95 | |
| | Spartan 4F | Herbicide | 2 | 100% | 4 ounce | 1.95 | 7.81 | |
| | 28-0-0 | Fertilizer | 2 | 100% | 100 lbs N | 0.38 | 38.33 | |
| | Sunflower Clearfield | Seed | 3 | 100% | 35 k seed | 1.44 | 50.40 | |
| | 10-34-0 | Fertilizer | 3 | 100% | 4 gallon | 2.00 | 8.00 | |
| | Spray | Herbicide | 4 | 50% | 1 acre | 7.00 | 3.50 | |
| | Beyond | Herbicide | 4 | 50% | 4 ounce | 4.69 | 9.38 | |
| | NIS | Additive | 4 | 50% | 5 ounce | 0.16 | 0.39 | |
| | UAN | Additive | 4 | 50% | 3 pint | 0.16 | 0.23 | |
| * | Aerial Spray | Custom | 5 | 50% | 1 acre | 10.00 | 5.00 | |
| * | Warrior II/Zeon | Insecticide | 5 | 50% | 3.84 ounce | 2.50 | 4.80 | |
| | Electricity Fixed | Other | 6 | 100% | 1 acre | 30.00 | 30.00 | |
| | Haul Grain (Sunflower) | Custom | 8 | 100% | 30 cwt | 0.30 | 9.00 | |
| | Crop Insurance | | | | | 10.00 | 10.00 | |
| Total Materials & Services | | | | | | | 195.32 | |

*Insecticide for seed weevil and sunflower moth

| | | | | | | | | |
|--|--|--|--|--|--|--|--------|--|
| Total listed costs for Field Operations and Materials and Services | | | | | | | 316.65 | |
| Interest on Operations Capital \$ 273.66 cash expense @ 5.50% for 6.0 mo. | | | | | | | 7.53 | |
| Total Operating and Use Related Ownership Costs | | | | | | | 324.18 | |
| Overhead (accounting, liability insurance, vehicle cost, office expense) | | | | | | | 25.00 | |
| Real Estate Opportunity [^] Pivot (Panhandle) \$ 2,460 per acre @ 3.00% | | | | | | | 73.80 | |
| Real Estate Taxes \$ 2,460 per acre @ 1.25% | | | | | | | 30.75 | |
| Total Cost per Acre Including Overhead | | | | | | | 453.73 | |
| Cash Cost per cwt | | | | | | | 11.23 | |
| Cost of production per cwt | | | | | | | 15.12 | |

[^]Ownership and RE Opportunity not included in cash costs.