

2019 Nebraska Crop Budgets

Robert Klein, Senior Editor, Western Nebraska Crop Specialist Glennis McClure, Extension Educator - Agricultural Economics Roger Wilson, Farm Management / Enterprise Budget Analyst, Retired

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.

For more information contact: Robert Klein, 308-696-6705 or rklein1@unl.edu Glennis McClure, 402-472-0661 or gmcclure3@unl.edu

| The following individuals contributed to these budgets in their specialty area: | | | | | | | | |
|---|---|--|--|--|--|--|--|--|
| Loren Giesler | Plant Pathologist - Soybean and Turf | | | | | | | |
| Jessica Groskopf | Extension Educator - Agricultural Economics | | | | | | | |
| Tamra Jackson-Ziems | Plant Pathologist - Corn and Sorghum | | | | | | | |
| Jim Jansen | Extension Educator - Agricultural Economics | | | | | | | |
| Paul Jasa | Extension Biological Systems Engineer | | | | | | | |
| Chris Proctor | Extension Educator - Weed Management | | | | | | | |
| Robert Tigner | Extension Educator - Agricultural Economics | | | | | | | |
| Stephen Wegulo | Plant Pathologist - Wheat and Ornamental | | | | | | | |
| Robert Wright | Extension Entomologist | | | | | | | |
| | | | | | | | | |

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67-Sunflower, Clearfield, Panhandle, No Till, Following Corn or Grain Sorghum, 13 cwt Yield, Dryland

2019 Budget 67-Sunflower, Clearfield, Panhandle, No Till, Following Corn or Grain Sorghum, 13 cwt Yield Dryland

| | | Times | Labor @ | Fuel @ \$2.49 | Repa | nirs | Owne | rship | | Your |
|---|--------------------------------|------------|------------------|---------------|-------|------|-------|-------|-------|----------|
| | Field Operations | | Unit \$20.00 /Hr | | Power | Imp. | Power | Imp. | Total | Estimate |
| 1 | Spray Fertilizer and Herbicide | 1 | 1.00 | 0.30 | 0.35 | 0.19 | 1.08 | 2.03 | 4.95 | |
| 2 | Spray Herbicide | 0.5 | 0.50 | 0.15 | 0.17 | 0.32 | 0.54 | 0.41 | 2.09 | |
| 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 | Aerial Spray | Custom | | | | | | | | |
| 6 | Combine Sunflowers | 1 | 3.14 | 4.30 | 7.31 | 1.53 | 5.84 | 4.33 | 26.45 | |
| 7 | Truck | Custom | | | | | | | | |
| | Total for Field (| Operations | 8.04 | 6.02 | 9.04 | 7.09 | 11.24 | 13.71 | 55.14 | |

| Glyphosate w/Surfactant Herbicide 1 100% 32 ounce 0.12 3.75 21-0-0-24S Additive 1 100% 1.7 pound 0.35 0.60 Prowl H ₂ O Herbicide 1 100% 2 pint 6.50 13.00 28-0-0 Fertilizer 1 100% 50 lbs N 0.44 22.17 Spartan 4F Herbicide 1 100% 50 unce 2.11 10.55 Glyphosate w/Surfactant Herbicide 2 50% 32 ounce 0.12 1.88 21-0-24S Additive 2 50% 1.7 pound 0.35 0.30 Prowl H ₂ O 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% 5 ounce 0.18 0.45 UAN Additive 4 50% 3 pint 0.19 0.29 Aerial Spray Custom 7 100% 13 cwt 0.30 < | Materials & Services | | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |
|---|--|--------------------------------|--------------------|-----------------------------|--------------------------|------------------|--------|------------------|
| Provl H ₂ O Herbicide 1 100% 2 pint 6.50 13.00 28-0-0 Fertilizer 1 100% 50 lbs N 0.44 22.17 Spartan 4F Herbicide 1 100% 50 unce 2.11 10.55 Glyphosate w/Surfactant Herbicide 2 50% 32 ounce 0.12 1.88 21-0-0-24S Additive 2 50% 1.7 pound 0.35 0.30 Prowl H ₂ O 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% 5 ounce 0.18 0.45 UAN Additive 4 50% 3 pint 0.19 0.29 Acrial Spray Custom 5 50% 1 acre 10.00 5.00 Varrior IUZeon Insecticide 5 50% 1 acre 10.00 1.50 | Glyphosate w/Surfactant | Herbicide | 1 | 100% | 32 ounce | 0.12 | 3.75 | |
| 28-0-0 Fertilizer 1 100% 50 lbs N 0.44 22.17 Spartan 4F Herbicide 1 100% 5 ounce 2.11 10.55 Glyphosate w/Surfactant Herbicide 2 50% 32 ounce 0.12 1.88 21-0-24S Additive 2 50% 1.7 pound 0.35 0.30 Prowl H ₂ O Herbicide 2 50% 1.7 pound 0.35 0.30 Beyond Herbicide 4 50% 4 ounce 4.77 9.53 Suffower Clearfield Seed 3 100% 20 k seed 1.44 28.80 Beyond Herbicide 4 50% 5 ounce 0.18 0.45 UAN Additive 4 50% 5 ounce 1.80 4.77 9.53 UAN Additive 4 50% 1 acre 10.00 5.00 Warrior II/Zeon Insecticide 5 50% 1 acre 10.00 5.00 | 21-0-0-24S | Additive | 1 | 100% | 1.7 pound | 0.35 | 0.60 | |
| Spartan 4F Herbicide 1 100% 5 ounce 2.11 10.55 Glyphosate w/Surfactant Herbicide 2 50% 32 ounce 0.12 1.88 21-0-24S Additive 2 50% 1.7 pound 0.35 0.30 Prowl H ₂ O 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 4.77 9.53 NIS Additive 4 50% 5 ounce 0.18 0.45 UAN Additive 4 50% 3 pint 0.19 0.29 Acrial Spray Custom 5 50% 1 acre 10.00 5.00 Varrior II/Zeon Insecticide 5 50% 1.92 ounce 2.89 2.78 Haul Grain (Sunflower) Custom 7 100% 13 cwt 0.30 3.90 | Prowl H ₂ O | Herbicide | 1 | 100% | 2 pint | 6.50 | 13.00 | |
| Glyphosate w/Surfactant Herbicide 2 50% 32 ounce 0.12 1.88 21-0-0-24S Additive 2 50% 1.7 pound 0.35 0.30 Prowl H ₂ O 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 4.77 9.53 NIS Additive 4 50% 5 ounce 0.18 0.45 UAN Additive 4 50% 3 pint 0.19 0.29 Acrial Spray Custom 5 50% 1 acre 10.00 5.00 Warrior II/Zeon Insecticide 5 50% 1.92 ounce 2.89 2.78 Haul Grain (Sunflower) Custom 7 100% 13 cwt 0.30 3.90 Crop Insurance 17.00 17.00 17.00 17.00 17.00 17.00 Total Materials & Services 1182.61 17.83 182.61 182.61 <td< td=""><td>28-0-0</td><td>Fertilizer</td><td>1</td><td>100%</td><td>50 lbs N</td><td>0.44</td><td>22.17</td><td></td></td<> | 28-0-0 | Fertilizer | 1 | 100% | 50 lbs N | 0.44 | 22.17 | |
| 21-0-0-24S Additive 2 50% 1.7 pound 0.35 0.30 Prowl H ₂ O 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 4.77 9.53 NIS Additive 4 50% 5 ounce 0.18 0.45 UAN Additive 4 50% 3 pint 0.19 0.29 Aerial Spray Custom 5 50% 1 acre 10.00 5.00 Warrior II/Zeon Insecticide 5 50% 1.92 ounce 2.89 2.78 Haul Grain (Sunflower) Custom 7 100% 13 cwt 0.30 3.90 Crop Insurance 17.00 17.00 17.00 17.00 17.00 4.22 *Insecticide for seed weevil and sunflower moth 1182.61 1182.61 1182.61 1182.61 1182.61 1182.61 1182.61 1182.61 1182.61 1182.61 116 1 | Spartan 4F | Herbicide | 1 | 100% | 5 ounce | 2.11 | 10.55 | |
| Prowl H ₂ O 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 4.77 9.53 NIS Additive 4 50% 5 ounce 0.18 0.45 UAN Additive 4 50% 3 pint 0.19 0.29 Aerial Spray Custom 5 50% 1 acre 10.00 5.00 Warrior II/Zeon Insecticide 5 50% 1.92 0.289 2.78 Haul Grain (Sunflower) Custom 7 100% 13 cwt 0.30 3.90 Crop Insurance 17.00 17.00 Total Materials & Services 123.25 *Insecticide for seed weevil and sunflower moth Total Materials and Services 178.39 Interest on Operations Capital \$ 153.44 cash expense @ 5.50% for 6.0 mo. 4.222 | Glyphosate w/Surfactant | Herbicide | 2 | 50% | 32 ounce | 0.12 | 1.88 | |
| Sunflower Clearfield Seed 3 100% 20 k seed 1.44 28.80 Beyond Herbicide 4 50% 4 ounce 4.77 9.53 NIS Additive 4 50% 5 ounce 0.18 0.45 UAN Additive 4 50% 3 pint 0.19 0.29 Aerial Spray Custom 5 50% 1 acre 10.00 5.00 Warrior II/Zeon Insecticide 5 50% 1.92 ounce 2.89 2.78 Haul Grain (Sunflower) Custom 7 100% 13 cwt 0.30 3.90 Crop Insurance 17.00 17.00 17.00 17.00 Total Materials & Services *Insecticide for seed weevil and sunflower moth 123.25 178.39 Interest on Operations Capital \$ 153.44 cash expense @ 5.50% for 6.0 mo. 4.22 Total Operating and Use Related Ownership Costs 182.61 182.61 Overhead (accounting, liability insurance, vehicle cost, office expense) 670 | 21-0-0-24S | Additive | 2 | 50% | 1.7 pound | 0.35 | 0.30 | |
| Beyond Herbicide 4 50% 4 ounce 4.77 9.53 NIS Additive 4 50% 5 ounce 0.18 0.45 UAN Additive 4 50% 3 pint 0.19 0.29 Acrial Spray Custom 5 50% 1 acre 10.00 5.00 Warrior II/Zeon Insecticide 5 50% 1.92 ounce 2.89 2.78 Haul Grain (Sunflower) Custom 7 100% 13 cwt 0.30 3.90 Crop Insurance 17.00 17.00 17.00 17.00 17.00 Total Materials & Services Insecticide for seed weevil and sunflower moth Total listed costs for Field Operations and Materials and Services Interest on Operations Capital \$ 153.44 cash expense @ 5.50% for 6.0 mo. 4.22 Total Operating and Use Related Ownership Costs Real Estate Opportunity Dryland (Panhandle) \$ 670 per acre @ 3.00% 20.10 Real Estate Taxes \$ 670 per acre @ 1.35% 9.05 <t< td=""><td>Prowl H₂O</td><td>Herbicide</td><td>2</td><td>50%</td><td>1 pint</td><td>6.50</td><td>3.25</td><td></td></t<> | Prowl H ₂ O | Herbicide | 2 | 50% | 1 pint | 6.50 | 3.25 | |
| NIS Additive 4 50% 5 ounce 0.18 0.45 UAN Additive 4 50% 3 pint 0.19 0.29 Aerial Spray Custom 5 50% 1 acre 10.00 5.00 Warrior II/Zeon Insecticide 5 50% 1 acre 10.00 5.00 Warrior II/Zeon Insecticide 5 50% 1.92 ounce 2.89 2.78 Haul Grain (Sunflower) Custom 7 100% 13 cwt 0.30 3.90 Crop Insurance 17.00 17.00 17.00 17.00 Total Materials & Services 123.25 *Insecticide for seed weevil and sunflower moth 178.39 178.39 Interest on Operations Capital \$ 153.44 cash expense @ 5.50% for 6.0 mo. 4.22 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 20.00 Real Estate Taxes \$ 670 per acre @ 3.00% 20.10 20.10 Real Estate Taxes \$ 670 per acre @ 3.00% 20.10 231.76 231.76 | Sunflower Clearfield | Seed | 3 | 100% | 20 k seed | 1.44 | 28.80 | |
| UAN Additive 4 50% 3 pint 0.19 0.29 Acrial Spray Custom 5 50% 1 acre 10.00 5.00 Warrior II/Zeon Insecticide 5 50% 1.92 ounce 2.89 2.78 Haul Grain (Sunflower) Custom 7 100% 13 cwt 0.30 3.90 Crop Insurance 17.00 17.00 17.00 17.00 17.00 Total Materials & Services *Insecticide for seed weevil and sunflower moth 178.39 178.39 Interest on Operations and Materials and Services 178.39 4.22 Interest on Operations Capital \$ 153.44 cash expense @ 5.50% for 6.0 mo. 4.22 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 20.10 20.10 Real Estate Taxes \$ 670 per acre @ 3.00% 20.10 Real Estate Taxes \$ 670 per acre @ 1.35% 2.31.76 Cost per cwt 17.83 2.31.76 2.31.76 | Beyond | Herbicide | 4 | 50% | 4 ounce | 4.77 | 9.53 | |
| Aerial Spray Custom 5 50% 1 acre 10.00 5.00 Warrior II/Zeon Insecticide 5 50% 1.92 ounce 2.89 2.78 Haul Grain (Sunflower) Custom 7 100% 13 cwt 0.30 3.90 Crop Insurance 17.00 17.00 17.00 17.00 Total Materials & Services *Insecticide for seed weevil and sunflower moth Total Operations and Materials and Services 178.39 Interest on Operations Capital \$ 153.44 cash expense @ 5.50% for 6.0 mo. Coverhead (accounting, liability insurance, vehicle cost, office expense) Real Estate Opportunity Dryland (Panhandle) \$ 670 per acre @ 3.00% 20.10 Real Estate Taxes \$ 670 per acre @ 1.35% 231.76 231.76 Cost per cwt 17.83 | NIS | Additive | 4 | 50% | 5 ounce | 0.18 | 0.45 | |
| Warrior II/Zeon Insecticide 5 50% 1.92 ounce 2.89 2.78 Haul Grain (Sunflower) Custom 7 100% 13 cwt 0.30 3.90 Crop Insurance 17.00 17.00 17.00 17.00 Total Materials & Services 123.25 *Insecticide for seed weevil and sunflower moth Total Isted costs for Field Operations and Materials and Services Interest on Operations Capital \$ 153.44 cash expense @ 5.50% for 6.0 mo. 4.22 Total Operating and Use Related Ownership Costs 182.61 182.61 182.61 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 20.10 20.10 Real Estate Taxes \$ 670 per acre @ 3.00% 20.10 231.76 Cost per cwt 17.83 | UAN | Additive | 4 | 50% | 3 pint | 0.19 | 0.29 | |
| Haul Grain (Sunflower) Custom 7 100% 13 cwt 0.30 3.90 Crop Insurance 17.00 17.00 17.00 17.00 17.00 Total Materials & Services 123.25 *Insecticide for seed weevil and sunflower moth 17.00 17.00 17.00 Total Materials & Services 123.25 *Insecticide for seed weevil and sunflower moth 178.39 178.39 Total Operations and Materials and Services 17.00 4.22 Total Operating and Use Related Ownership Costs 17.00 123.25 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Dryland (Panhandle) \$ 670 per acre @ 3.00% 20.10 20.10 20.10 20.10 20.00 20.10 | Aerial Spray | Custom | 5 | 50% | 1 acre | 10.00 | 5.00 | |
| Crop Insurance17.0017.00Total Materials & Services123.25*Insecticide for seed weevil and sunflower moth178.39Total listed costs for Field Operations and Materials and Services Interest on Operations Capital \$ 153.44cash expense @ 5.50% for 6.0 mo.4.22Total Operating and Use Related Ownership Costs178.39182.61Overhead (accounting, liability insurance, vehicle cost, office expense) Real Estate Taxes20.0020.10Real Estate Taxes\$ 670per acre @ 3.00% I.35%20.10Total Cost per Acre Including Overhead17.83231.76 | Warrior II/Zeon | Insecticide | 5 | 50% | 1.92 ounce | 2.89 | 2.78 | |
| Total Materials & Services 123.25 *Insecticide for seed weevil and sunflower moth Total listed costs for Field Operations and Materials and Services Interest on Operations Capital \$ 153.44 cash expense @ 5.50% for 6.0 mo. 4.22 Total Operating and Use Related Ownership Costs 182.61 182.61 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 20.00 Real Estate Opportunity Dryland (Panhandle) \$ 670 per acre @ 3.00% 20.10 Real Estate Taxes \$ 670 per acre @ 1.35% 9.05 231.76 Cost per cwt 17.83 17.83 | Haul Grain (Sunflower) | Custom | 7 | 100% | 13 cwt | 0.30 | 3.90 | |
| *Insecticide for seed weevil and sunflower moth 178.39 Total listed costs for Field Operations and Materials and Services Interest on Operations Capital \$ 153.44 cash expense @ 5.50% for 6.0 mo. 178.39 Total Operating and Use Related Ownership Costs 182.61 Overhead (accounting, liability insurance, vehicle cost, office expense) Real Estate Opportunity 0 Real Estate Taxes \$ 670 per acre @ 3.00% 20.10 9.05 Total Cost per Acre Including Overhead 231.76 Cost per cwt 17.83 | | Crop Insurance | | | | 17.00 | 17.00 | |
| Total listed costs for Field Operations and Materials and Services Interest on Operations Capital \$ 153.44 cash expense @ 5.50% for 6.0 mo. 178.39 Total Operating and Use Related Ownership Costs 182.61 Overhead (accounting, liability insurance, vehicle cost, office expense) Real Estate Opportunity 20.00 Real Estate Taxes \$ 670 per acre @ 3.00% 20.10 Total Cost per Acre Including Overhead 231.76 Cost per cwt 17.83 | | | | | | | 123.25 | |
| Interest on Operations Capital \$ 153.44 cash expense @ 5.50% for 6.0 mo. 4.22 Total Operating and Use Related Ownership Costs 182.61 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Dryland (Panhandle) \$ 670 per acre @ 3.00% 20.10 Real Estate Taxes \$ 670 per acre @ 1.35% 9.05 Total Cost per Acre Including Overhead 231.76 Cost per cwt 17.83 | | | vices | | | | 178 39 | |
| Total Operating and Use Related Ownership Costs 182.61 Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00 Real Estate Opportunity Dryland (Panhandle) \$ 670 per acre @ 3.00% 20.10 Real Estate Taxes \$ 670 per acre @ 1.35% 9.05 Total Cost per Acre Including Overhead 231.76 Cost per cwt 17.83 | | | | ense @ | 5.50% for 6.0 mo. | | | |
| Real Estate Opportunity Dryland (Panhandle) \$ 670 per acre @ 3.00% 20.10 Real Estate Taxes \$ 670 per acre @ 1.35% 9.05 Total Cost per Acre Including Overhead 231.76 17.83 | | | 1 | Ũ | | = | 182.61 | |
| Real Estate Taxes \$ 670 per acre @ 1.35% 9.05 Total Cost per Acre Including Overhead 231.76 17.83 Cost per cwt 17.83 17.83 | Overhead (accounting, liability i | nsurance, vehicle cost, office | expense) | | | | 20.00 | |
| Total Cost per Acre Including Overhead 231.76 Cost per cwt 17.83 | Real Estate Opportunity | Dryland (Panhandle) | \$ 670 | per acre (| a 3.00% | | 20.10 | |
| Cost per cwt 17.83 | Real Estate Taxes | | \$ 670 | per acre (| a 1.35% | | 9.05 | |
| | Total Cost per Acre Including O | verhead | | | | = | 231.76 | |
| Cash Cost per cwt | Cost per cwt | | | | | | 17.83 | |
| | Cash Cost per cwt | | | | | | 12.82 | |

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

2019 Budget 68-Sunflower, Clearfield, Panhandle, Ecofallow, after Wheat, Two Crops in Three Years, 16 cwt Yield Dryland

| | | Times | Labor @ | Fuel @ \$2.49 | Repa | airs | Owne | rship | | Your |
|---|--------------------------------|------------|------------------|---------------|-------|------|-------|-------|-------|----------|
| | Field Operations | | Jnit \$20.00 /Hr | | Power | Imp. | Power | Imp. | Total | Estimate |
| 1 | Spray Herbicide | 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 | Spray Herbicide | 0.5 | 0.50 | 0.15 | 0.17 | 0.32 | 0.54 | 0.41 | 2.09 | |
| 5 | Plant No-Till | 1 | 2.40 | 0.97 | 0.86 | 4.41 | 2.70 | 6.13 | 17.47 | |
| 6 | Spray Herbicide | 1 | 1.00 | 0.30 | 0.35 | 0.64 | 1.08 | 0.81 | 4.18 | |
| 7 | Aerial Spray | Custom | | | | | | | | |
| 8 | Combine Sunflowers | 1 | 3.14 | 4.30 | 7.31 | 1.53 | 5.84 | 4.33 | 26.45 | |
| 9 | Truck | Custom | | | | | | | | |
| | Total for Field | Operations | 10.04 | 6.62 | 9.74 | 8.37 | 13.40 | 15.33 | 63.50 | |

| Materials & Services | | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |
|---|-----------------------------------|--------------------|-----------------------------|--------------------------|------------------|--------|------------------|
| Landmaster BW | Herbicide | 1 | 100% | 54 ounce | 0.13 | 7.17 | |
| 21-0-0-24S | Additive | 1 | 100% | 2 pound | 0.35 | 0.70 | |
| 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 | |
| Glyphosate w/Surfactant | Herbicide | 3 | 100% | 32 ounce | 0.12 | 3.75 | |
| 21-0-0-248 | Additive | 3 | 100% | 1.7 pound | 0.35 | 0.60 | |
| Prowl H2O | Herbicide | 3 | 100% | 2 pint | 6.50 | 13.00 | |
| 28-0-0 | Fertilizer | 3 | 100% | 60 lbs N | 0.44 | 26.60 | · |
| Spartan 4F | Herbicide | 3 | 100% | 5 ounce | 2.11 | 10.55 | |
| Glyphosate w/Surfactant | Herbicide | 4 | 50% | 32 ounce | 0.12 | 1.88 | |
| 21-0-0-248 | Additive | 4 | 50% | 1.7 pound | 0.35 | 0.30 | |
| Prowl H ₂ O | Herbicide | 4 | 50% | 1 pint | 6.50 | 3.25 | · |
| Sunflower Clearfield | Seed | 5 | 100% | 5 k seed | 1.44 | 7.20 | |
| Beyond | Herbicide | 6 | 50% | 4 ounce | 4.77 | 9.53 | |
| NIS | Additive | 6 | 50% | 5 ounce | 0.18 | 0.45 | |
| UAN | Additive | 6 | 50% | 3 pint | 0.19 | 0.29 | |
| Aerial Spray | Custom | 7 | 50% | 1 acre | 10.00 | 5.00 | |
| Warrior II/Zeon | Insecticide | 7 | 50% | 1.92 ounce | 2.89 | 2.78 | |
| Haul Grain (Sunflower) | Custom | 9 | 100% | 16 cwt | 0.30 | 4.80 | |
| | Crop Insurance | | | | 17.00 | 17.00 | |
| Total Materials *Insecticide for seed weevil and sunflower | | | | | | 119.20 | |
| Total listed costs for Field Opera | tions and Materials and Servi | ces | | | | 182.70 | |
| Interest on | Operations Capital \$ 153.97 | cash expo | ense @ | 5.50% for 6.0 mo. | | 4.23 | |
| Total Operating and Use Related | Ownership Costs | | | | = | 186.93 | |
| Overhead (accounting, liability i | nsurance, vehicle cost, office ex | pense) | | | | 20.00 | |
| Real Estate Opportunity | Dryland (Panhandle) | \$ 670 | per acre | a 3.00% | | 20.10 | |
| Real Estate Taxes | | \$ 670 | per acre (| 0 | | 9.05 | |
| Total Cost per Acre Including O | verhead | | | <u> </u> | = | 236.08 | |
| Cost per cwt | | | | | | 14.76 | |
| Cash Cost per cwt | | | | | | 10.45 | |

69-Sunflower, Clearfield, Panhandle, No Till, 30 cwt Yield, Pivot Irrigated

2019 Budget 69-Sunflower, Clearfield, Panhandle, No Till, 30 cwt Yield Pivot Irrigated, 800 GPM 35 PSI, 8 acre/inches

| | | Times | | Labor @ | Fuel @ \$2.49 | Rep | airs | Owne | rship | | Your |
|---|---------------------------------|--------|-------|---------|---------------|-------|-------|-------|--------|-------|----------|
| | Field Operations | or Qty | Unit | | 0 | Power | Imp. | Power | Imp. | Total | Estimate |
| 1 | Spray Herbicide | 1 | | 1.00 | 0.30 | 0.35 | 0.64 | 1.08 | 0.81 | 4.18 | |
| 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 | Custom | | | | | | | | | |
| 5 | Aerial Spray | Custom | | | | | | | | | |
| 6 | Pivot E 125' Lift w/fertigation | 8 | ai | 7.41 | 22.30 | 2.34 | 13.83 | 4.10 | 7.59 | 57.57 | |
| 7 | Combine Sunflowers | 1 | | 3.14 | 4.30 | 7.31 | 1.53 | 5.84 | 4.33 | 26.45 | |
| 8 | Truck | Custom | | | | | | | | | |
| | Total for Field O | | 14.95 | 28.17 | 11.21 | 20.60 | 14.80 | 20.89 | 110.62 | | |

| Materials & Services | | Operation Index | Percent Acres Applied | Application Rate Unit | Applied Price | Total | Your Estimate |
|--|-----------------------------------|--------------------|--|--------------------------|------------------|---------------|------------------|
| Glyphosate w/Surfactant | Herbicide | 1 | 100% | 32 ounce | 0.12 | 3.75 | |
| 21-0-0-24S | Additive | 1 | 100% | 1.7 pound | 0.35 | 0.60 | |
| Prowl H2O | Herbicide | 2 | 100% | 2.3 pint | 6.50 | 14.95 | |
| Spartan 4F | Herbicide | 2 | 100% | 4 ounce | 2.11 | 8.44 | |
| 28-0-0 | Fertilizer | 2 | 100% | 100 lbs N | 0.44 | 44.33 | |
| Sunflower Clearfield | Seed | 3 | 100% | 3.5 k seed | 1.44 | 5.04 | |
| 10-34-0 | Fertilizer | 3 | 100% | 4 gallon | 2.45 | 9.80 | |
| Beyond | Herbicide | 4 | 50% | 4 ounce | 4.77 | 9.53 | |
| NIS | Additive | 4 | 50% | 5 ounce | 0.18 | 0.45 | |
| UAN | Additive | 4 | 50% | 3 pint | 0.19 | 0.29 | |
| * Aerial Spray | Custom | 5 | 50% | 1 acre | 10.00 | 5.00 | |
| * Warrior II/Zeon | Insecticide | 5 | 50% | 3.84 ounce | 2.89 | 5.55 | |
| 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 & *Insecticide for seed weevil and sunflower me | | | | | | 156.73 | |
| Total listed costs for Field Operati | ons and Materials and Servi | ces | | | | 267.35 | |
| Interest on O | perations Capital \$ 231.66 | cash expo | cash expense $\langle a \rangle$ 5.50% for 6.0 mo. | | | 6.37 | |
| Total Operating and Use Related O | Ownership Costs | | | | = | 273.72 | |
| Overhead (accounting, liability ins | surance, vehicle cost, office exp | pense) | | | | 20.00 | |
| Real Estate Opportunity | Pivot (Panhandle) | \$ 2,700 | per acre | @ 3.00% | | 81.00 | |
| Real Estate Taxes | | \$ 2,700 | per acre | @ 1.35% | _ | 36.45 | |
| Total Cost per Acre Including Ove | rhead | | | | = | 411.17 | |
| Cost per cwt Cash Cost per cwt | | | | | | 13.71 9.15 | |