## Oil-Type Sunflowers Cost-Return Budget (W-SF-F)

---Western Kansas - Average Yield---

Gregg Ibendahl, Dan O'Brien, Lucas Haag, Jeanne Falk Jones, and John Holman

Budget date: Oct-31-2019

### INCOME

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Price</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunflower (Oilt-type) - Western KS</td>
<td>cwt</td>
<td>$18.02</td>
<td>16.00</td>
<td>$288.40</td>
</tr>
</tbody>
</table>

**--TOTAL INCOME--**

$288.40

### EXPENSES

#### Fertilizers

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Price</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrogen</td>
<td>lb</td>
<td>$0.32</td>
<td>50.00</td>
<td>$20.74</td>
</tr>
<tr>
<td>Phosphorus</td>
<td>lb</td>
<td>$0.39</td>
<td>16.10</td>
<td>$6.22</td>
</tr>
</tbody>
</table>

#### Herbicides

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burndown</td>
<td>$9.80</td>
</tr>
<tr>
<td>Post-emergence</td>
<td>$5.45</td>
</tr>
<tr>
<td>Pre-emergence</td>
<td>$34.64</td>
</tr>
</tbody>
</table>

#### Insecticides

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$7.56</td>
</tr>
</tbody>
</table>

#### Seeds

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$29.70</td>
</tr>
</tbody>
</table>

#### Crop insurance

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$10.35</td>
</tr>
</tbody>
</table>

#### Miscellaneous

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$5.50</td>
</tr>
</tbody>
</table>

#### Labor (beyond custom field operations)

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$18.00</td>
</tr>
</tbody>
</table>

#### Custom Field Operations

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fertilizer application</td>
<td>$5.60</td>
</tr>
<tr>
<td>Harvesting</td>
<td>$42.53</td>
</tr>
<tr>
<td>Hauling</td>
<td>$7.41</td>
</tr>
<tr>
<td>Planting</td>
<td>$18.69</td>
</tr>
<tr>
<td>Spraying</td>
<td>$21.29</td>
</tr>
</tbody>
</table>

#### Interest on operating capital

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.0% on direct expenses</td>
</tr>
</tbody>
</table>

#### Cash rent

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$63.00</td>
</tr>
</tbody>
</table>

**--TOTAL SPECIFIED EXPENSES--**

$313.78

**RETURNS ABOVE TOTAL SPECIFIED EXPENSES**

-$25.38
### Product

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Price</th>
<th>Quantity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunflower (Oil-type) - Western KS</td>
<td>cwt</td>
<td>$18.02</td>
<td>16.00</td>
<td>$288.40</td>
</tr>
</tbody>
</table>

---

### Other

Govt payments, indemnity payments, etc.

---

### Sub-total

Your farm

---

### Total Income

$288.40

---

### DIRECT EXPENSES

#### Fertilizers

- **B - DAP (18-46-0) (with planter)**
  - lb
  - $0.24
  - 35.00
  - $8.24

- **B - Urea**
  - lb
  - $0.20
  - 95.00
  - $18.72

---

### Herbicides

#### A - Dicamba (1)
  - oz
  - $0.34
  - 16.00
  - $5.40

#### A - RT3
  - oz
  - $0.15
  - 22.00
  - $3.36

#### A - Surfactant
  - oz
  - $0.17
  - 6.00
  - $1.03

#### B - Glyphosate generic (1)
  - oz
  - $0.10
  - 32.00
  - $3.21

#### B - Prowl H2O
  - oz
  - $0.40
  - 48.00
  - $19.18

#### B - Spartan Charge
  - oz
  - $2.45
  - 5.00
  - $12.25

#### C - Beyond (.3)
  - oz
  - $4.54
  - 1.20
  - $5.45

---

### Insecticides

#### Lorsban 4E (1)
  - oz
  - $0.38
  - 12.00
  - $4.59

#### Warrior 1EC
  - oz
  - $2.97
  - 1.00
  - $2.97

---

### Seeds

- Sunflowers - Oil-Type
  - 1K seeds
  - $1.48
  - 20.00
  - $29.70

---

### Crop insurance

- Sunflower-oil_West_Dry
  - acre
  - $10.35
  - 1.00
  - $10.35

---

### Miscellaneous

- Sunflower-oil_West_Dry
  - acre
  - $5.50
  - 1.00
  - $5.50

---

### Labor (beyond custom field operations)

- Additional labor
  - hour
  - $15.00
  - 1.20
  - $18.00

---

### Custom Field Operations

- FERTAPP-Dry fertilizer
  - acre
  - $5.60
  - 1.00
  - $5.60

- HARVEST-Sunflower (base)
  - acre
  - $42.53
  - 1.00
  - $42.53

- HARVEST-Sunflowers (no extra harvest charge)
  - cwt
  - $0.00
  - 16.00
  - $0.00

- Haul-Sunflower - hauling
  - cwt
  - $0.46
  - 16.00
  - $7.41

- PLANT-Sunflowers, minimum till
  - acre
  - $18.69
  - 1.00
  - $18.69

- SPRAY-Aerial insecticide
  - acre
  - $7.77
  - 1.00
  - $7.77

- SPRAY-Ground herbicide
  - acre
  - $5.88
  - 2.30
  - $13.52

---

### Interest on operating capital

6.0% on direct expenses

- $7.30

---

### Total Direct Expenses

$250.78

---

### FIXED EXPENSES

#### Cash rent

- All crops_West_dry
  - acre
  - $42.00
  - 1.50
  - $63.00
### Oil-Type Sunflowers Cost-Return Budget (W-SF-F)  
#### Western Kansas - Average Yield  
Gregg Ibendahl, Dan O'Brien, Lucas Haag, Jeanne Falk Jones, and John Holman  

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Price</th>
<th>Quantity</th>
<th>Amount</th>
<th>Sub-total</th>
<th>Your Farm</th>
</tr>
</thead>
<tbody>
<tr>
<td>--TOTAL FIXED EXPENSES--</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$63.00</td>
<td></td>
</tr>
<tr>
<td>--TOTAL SPECIFIED EXPENSES--</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$313.78</td>
<td></td>
</tr>
<tr>
<td>---Total expenses per cwt $19.61</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RETURNS ABOVE DIRECT EXPENSES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$37.62</td>
<td></td>
</tr>
<tr>
<td>RETURNS ABOVE TOTAL SPECIFIED EXPENSES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-$25.38</td>
<td></td>
</tr>
</tbody>
</table>

Budget date: Oct-31-2019

Department of Agricultural Economics - Kansas State University  
AgManager.info