# Safflower Variety Descriptions

<table>
<thead>
<tr>
<th>Variety</th>
<th>Origin¹</th>
<th>PVP²</th>
<th>Hull Type³</th>
<th>Oil Type⁴</th>
<th>Irrigated Yield⁵</th>
<th>Dryland Yield⁵</th>
<th>Test Weight⁵</th>
<th>Oil⁵</th>
<th>Maturity</th>
<th>Alt</th>
<th>BB</th>
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<tr>
<td>Cardinal</td>
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<td>N</td>
<td>high lino</td>
<td>v good</td>
<td>v good</td>
<td>high</td>
<td>fair</td>
<td>med</td>
<td>T</td>
<td>MT</td>
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<td>Finch</td>
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<td>N</td>
<td>lino</td>
<td>good</td>
<td>v good</td>
<td>v high</td>
<td>fair</td>
<td>m early</td>
<td>MS</td>
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<td>med</td>
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<td>high</td>
<td>med</td>
<td>high</td>
<td>T</td>
<td>MT</td>
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</table>

¹ MSU = Montana State University, NDSU = North Dakota State University, STI = Safflower Technologies International

² PVP = Plant Variety Protection. "yes" indicates the variety is protected and the seed may be sold for planting purposes only as a class of certified seed (Title V option).

³ STP = striped, N = normal, RED = reduced.

⁴ Lino = linoleic.

⁵ Relative ratings of yield, test weight and oil will vary under conditions of moderate-severe disease infestation.

⁶ Alt = Alternaria leaf spot disease, BB = bacterial blight, S = susceptible, MS = moderately susceptible, MT = moderately tolerant, T = tolerant.

## Safflower Variety Trial at Minot

<table>
<thead>
<tr>
<th>Variety</th>
<th>Bloom</th>
<th>Height</th>
<th>Weight</th>
<th>Content</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2 Year</th>
<th>3 Year</th>
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<td></td>
<td>DAP¹</td>
<td>inches</td>
<td>lbs/bu</td>
<td>%</td>
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<td>33.3</td>
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<td>24</td>
<td>44.5</td>
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¹ Days after Planting

NS = no statistical difference between varieties.

- **Seed Yield**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Days to Plant</th>
<th>Test Oil</th>
<th>Oil Content</th>
<th>2014</th>
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Planting Date: May 17

Harvest Date: September 14

Seeding Rate: 300,000 PLS/A (approx. 20 lbs/A)

Previous Crop: 2013 = durum, 2014 = soybean, 2015 = hrsw

Tillage: Minimum till

Soil Type: Williams Loam