Chemical Fallow for Canola

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Topics

- Weed resistance
- Herbicides for chemical fallow
- Herbicides in canola
International Survey of herbicide Resistant Weeds*

- 437 cases of (species x SOA) resistant weeds
- 238 species (138 dicots, 100 monocots)
- Resistance to 22 of 25 SOA and 155 different herbicides
- Resistant weeds in 84 crops in 66 countries

Local Resistant Weeds

- Kochia
- Russian thistle
- Prickly lettuce
- Common lambs quarters
- Redroot pigweed
- Mayweed chamomile
- Italian ryegrass

- Wild oat
- Downy brome
- Annual bluegrass
Registered Herbicides in Chem Fallow
(East of Cascades)

- 2, 4-D
- Roundup
- Aim EC
- Banvel
- Valor
- Glufosinate
- Finesse
- Ally XP
- Ally Extra
- Harmony Extra
- Sharpen
- Spartan
- Sencore
- Gramoxone
- Vida
- Karmex
- Huskie
- Rave
- Distinct
## Registered Herbicides in Chem Fallow (East of Cascades)

<table>
<thead>
<tr>
<th>Herbicide</th>
<th>Months</th>
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<tbody>
<tr>
<td>2, 4-D</td>
<td>3</td>
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<tr>
<td>Roundup</td>
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<tr>
<td>Aim EC</td>
<td>12</td>
</tr>
<tr>
<td>Banvel</td>
<td>4 to 6</td>
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<tr>
<td>Valor</td>
<td>6 to 12</td>
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<tr>
<td>Glufosinate</td>
<td>4</td>
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<td>Finesse</td>
<td>FB</td>
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<tr>
<td>Ally XP</td>
<td>10-22</td>
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<tr>
<td>Ally Extra</td>
<td>10-22</td>
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<tr>
<td>Harmony Extra Extra</td>
<td>2</td>
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<tr>
<td>Sharpen</td>
<td>4-9</td>
</tr>
<tr>
<td>Spartan</td>
<td>24</td>
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<td>Sencore</td>
<td>12</td>
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(numbers = months)
Wheat Herbicides of Concern

- Maverick: 3 to 22
- Olympus: 22
- Powerflex: 10
- Beyond: 0* to 26
- Pursuit: 0* to 40

(numbers = months)
FY15 Protocol for Chem Fallow

- RT3 +
  - Amber, Banvel, Buctril, Aim, Basagran, Sharpen, Kerb, Stinger
- Goal & Buctril
Herbicides for Canola

- Preplant Incorporated – Sonalan, Treflan
- Postemergence grass – Assure II, Poast, Select
- Postemergence broadleaves – Stinger
- Herbicide resistant systems
  - GMO – Liberty Link, Roundup Ready
  - Non-GMO - Clearfield
What Will You Do If It Fails?

- Tillage?
- Spring Canola?