PERFECT BASE LAYER
FOR CANOLA WEED CONTROL PROGRAMS

Fortress® has both Group 3 and Group 8 herbicides to provide control of wild oats, green foxtail*, and yellow foxtail, and suppression of certain annual broadleaf weeds.

ROTATE TO GROUP 3 AND 8 HERBICIDES

Herbicide layering, or using a pre-emergent herbicide prior to an in-crop herbicide application, is a recommended way to use multiple modes of action to help manage herbicide resistance. Add Fortress® as a base layer to your weed control program to reduce reliance on post-emergent herbicides and enhance your yields due to reduced early-season weed pressure. Fortress controls Group 1 and Group 2 resistant wild oats, too.

PRE-EMERGENT YIELD ADVANTAGE

A 2007 University of Saskatchewan study shows how including Fortress can maximize yield with reduced early-season weed pressure. The level of wild oat control is similar for the Fortress + Liberty® and Liberty + Clethodim treatments, however, the yield of the program approach is much higher. Reduced early-season weed pressure also allows more flexibility with the timing of the post-emergent herbicide application.

YIELD RESULTS AND WILD OAT CONTROL - FORTRESS IN LIBERTYLINK SYSTEM

Very heavy wild oat pressure - over 350 plants/sq metre

<table>
<thead>
<tr>
<th></th>
<th>Yield (Bushels/Acre)</th>
<th>% Wild Oat Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORTRESS</td>
<td>18.8</td>
<td>100</td>
</tr>
<tr>
<td>FORTRESS + LIBERTY</td>
<td>31.8</td>
<td>75</td>
</tr>
<tr>
<td>LIBERTY</td>
<td>13.9</td>
<td>50</td>
</tr>
<tr>
<td>LIBERTY + CLETHODIM</td>
<td>22.1</td>
<td>25</td>
</tr>
</tbody>
</table>

USE IN CONVENTIONAL, MINIMUM OR ZERO-TILL FIELDS

MicroActiv technology establishes a continuous herbicide barrier in any field, including those under minimum or zero tillage. Now, all growers can profit from the resistance management and no-leaf stage wild oat control benefits of Fortress.

REGISTERED CROPS

Canola, flax, mustard, wheat (spring and durum), barley

WEEDS CONTROLLED

Wild oats (including Group 1 and Group 2 resistant biotypes), green foxtail* (including Group 1 resistant biotypes), yellow foxtail

WEEDS SUPPRESSED

Kochia, lamb’s quarters, redroot pigweed, Russian thistle, wild buckwheat

*Does not include trifluralin-resistant green foxtail.
ACTIVE INGREDIENTS
Trifluralin – Group 3 – dinitroanaline, and Triallate – Group 8 – thiocarbamate

FORMULATION + PACKAGING
14% granular available in 453.6 kg minibulks or 22.7 kg bags

SYMPTOMOLOGY
Wild oats will grow through the treated layer, absorb the active ingredient through shoot material and not emerge. Green and yellow foxtail are controlled as they germinate. Broadleaf weeds will have reduced populations and reduced vigour.

CROP ROTATION
Do not seed oats, sugar beets, or small-seeded annual grasses such as timothy, canary seed grass, or creeping red fescue the following year.

Do not use for wheat if trifluralin has been used since June 1 of previous year.

APPLICATION TIPS
Use of a properly calibrated Valmar or floater is essential.

Spring application should take place a minimum of 10 to 14 days before seeding.

Fall application should take place when the average soil temperature at a depth of 5 cm is 4°C or less and within 3 weeks of soil freeze up. This situation generally occurs by October 1 across Western Canada.

A single heavy harrow pass is sufficient for incorporation in minimum or zero-till fields. Two passes are recommended in conventional-till fields.

USE RATES

<table>
<thead>
<tr>
<th>Crop</th>
<th>&lt;2% OM</th>
<th>2-4% OM</th>
<th>4-6% OM</th>
<th>&gt;6% OM</th>
<th>Seeding Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring, durum wheat</td>
<td>Do Not Use</td>
<td>11 kg/ha* (10 lbs/ac)</td>
<td>11-14 kg/ha** (10-12.5 lbs/ac)</td>
<td>14 kg/ha (12.5 lbs/ac)</td>
<td>Minimum 1.5&quot; (place seed ½&quot; below incorporation depth)</td>
</tr>
<tr>
<td>Barley</td>
<td>11 kg/ha* (10 lbs/ac)</td>
<td>11-14 kg/ha** (10-12.5 lbs/ac)</td>
<td>14 kg/ha (12.5 lbs/ac)</td>
<td>17 kg/ha (15 lbs/ac)</td>
<td></td>
</tr>
<tr>
<td>Canola, flax, mustard</td>
<td>14 kg/ha (12.5 lbs/ac)</td>
<td>14 kg/ha (12.5 lbs/ac)</td>
<td>14 kg/ha (12.5 lbs/ac)</td>
<td>17 kg/ha (15 lbs/ac)</td>
<td>As desired</td>
</tr>
</tbody>
</table>

*11 kg/ha for fall only. Do NOT USE in spring. **14 kg/ha for fall only. Please refer to product label for complete rate details.

For more information call 1-800-960-4318, email info@gowanco.com or visit gowancanada.com.

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