Authority® 480 soil-applied herbicide can be used as a preplant or as a preemergent to effectively protect crops against tough weeds. It is formulated for use on chickpea, field pea, flax and sunflower in the Prairie Provinces only.

- **NEW LABEL FOR WESTERN CANADA**
  Authority 480 has received label approval from the PMRA in the provinces of Saskatchewan, Alberta and Manitoba for control of kochia and other weeds in chickpea, field pea, flax and sunflower.

- **SPECTRUM OF ACTIVITY**
  - Kochia
  - Lambsquarters
  - Redroot pigweed
  - Wild buckwheat

- **MODE OF ACTION**
  - Cell membrane disruption
  - Susceptible weeds emerging from soils treated with Authority 480 turn necrotic shortly after exposure to light
  - Group 14

- **REGISTERED CROPS**
  - Chickpea
  - Field pea
  - Flax
  - Sunflower
It is important to follow the tank clean-out procedures specified on the product previously applied before adding Authority® 480 herbicide to the tank.

**Application Guidelines**

Utilize a boom and nozzle sprayer or boomless ground sprayer equipped with the appropriate nozzles, spray tips and screens and adjusted to provide optimum spray distribution and coverage at the appropriate operating pressures.

**Factors Affecting Performance**

- Inadequate furrow closure can result in exposure to Authority 480, and may result in an undesirable crop response.
- Poor growing conditions such as excessive moisture, cool temperatures and soil compaction or the presence of various pathogens may impact seedling vigor. Under these conditions the active ingredient in Authority 480, like other soil-applied herbicides, can injure sunflowers. However, these early injury symptoms are short-lived and do not result in yield reduction.
- Follow label guidelines for rates to use.

**Rotational Crop Guidelines**

<table>
<thead>
<tr>
<th>CROP</th>
<th>Recropping Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa, Barley, Corn (field), Spring and Durum Wheat</td>
<td>12 mo.</td>
</tr>
<tr>
<td>Winter Wheat</td>
<td>16 mo.</td>
</tr>
<tr>
<td>Canola, Corn (sweet and pop), Sorghum</td>
<td>24 mo.</td>
</tr>
<tr>
<td>Lentils</td>
<td>36 mo.</td>
</tr>
<tr>
<td>Chickpea, Field Pea, Flax, Soybeans, Sunflowers</td>
<td>Anytime</td>
</tr>
</tbody>
</table>

**Field Results - Sunflowers**

<table>
<thead>
<tr>
<th>% Organic Matter</th>
<th>Medium Soil</th>
<th>Fine Soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 1.5%</td>
<td>219 - 292</td>
<td>-</td>
</tr>
<tr>
<td>1.5% - 3.0%</td>
<td>219 - 292</td>
<td>219 - 292</td>
</tr>
<tr>
<td>&lt; 3.0%</td>
<td>219 - 292</td>
<td>219 - 292</td>
</tr>
</tbody>
</table>

Do not apply to soils classified as coarse-textured soils. Do not apply in fine-textured soils with less than 1.5% organic matter. Do not apply in any type of soils with an organic matter content greater than 6%.

**Package Size**

- 1 unit = 3.79 L
- 1 case (4 units)
- 1 pallet (18 cases)

FMC has partnered with companies in Canada for years and will continue to experience dramatic growth. Our crop protection products are backed by years of research in Canada that prove our products help growers increase yields and profitability and incorporate the latest technologies to ensure maximum weed and pest control while providing crop safety.

FMC Corporation is a global crop protection company that has served the agricultural market for over 100 years. We have five operating units including North America, Asia-Pacific, Europe-Middle, East-Africa, Latin America South and Latin America North. Look for our products at your local retailer or distributor or online at www.FMCcrop.com.

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