ANTHEM® FLEX HERBICIDE, THE NEWEST TOOL IN THE TOOLBOX FOR WEED CONTROL IN LENTILS.

ANTHEM FLEX HERBICIDE: BENEFITS

- May be applied fall/spring preplant through post plant preemergence for consistent weed control.
- Flexible application timing: May be applied in the fall or the spring preplant, through three days after planting for control of grasses and labeled broadleaf weeds including suppression of wild oats when using 5.0 fl. oz. or higher.
- Excellent crop safety: Do not tankmix with Sharpen® herbicide.
- Flexible use rates: 2.75 - 5.0 fl. oz./A depending on soil type and organic matter.
- Flexible application methods: Ground or aerial applications.
- Stronger, longer control of labeled grasses and suppression of broadleaves most grass herbicides cannot match, including kochia, mayweed chamomile and prickly lettuce.
- May be applied as a fall fallow application to be planted to lentils.
- Excellent resistance management tool.

LENTIL APPLICATION REQUIREMENTS:

- Apply preplant or post plant preemergence where soil conditions allow.
- Plant lentils a minimum of 1 inch deep and ensure the furrow is closed to prevent crop response.
- Preemergence applications must be made prior to cracking.
- Apply prior to weed germination.
- Anthem Flex herbicide must be activated to provide control; ½ inch of rain is required to activate.
- May be tank mixed with other labeled herbicides such as linuron or metribuzin to increase broadleaf weed control including kochia, lambsquarters and Russian thistle.
- Tank mix with glyphosate or other emerge herbicides to control emerged weeds.

USE RATE (FL. OZ./A) BY SOIL TEXTURE

<table>
<thead>
<tr>
<th>% ORGANIC MATTER</th>
<th>COARSE</th>
<th>MEDIUM</th>
<th>FINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less Than 3%</td>
<td>–</td>
<td>2.75 - 3.25</td>
<td>3.5 - 4.5</td>
</tr>
<tr>
<td>Greater Than 3%</td>
<td>–</td>
<td>3.0 - 4.0</td>
<td>4.0 - 5.0</td>
</tr>
</tbody>
</table>

MAXIMIZING ANTHEM FLEX HERBICIDE’S PERFORMANCE

- Always use with a burndown material/glyphosate to control any emerged weeds.
- Use the correct labeled rate.
- Manage the residue. Use a higher rate with higher residue levels.
- Talk with the grower/crop advisor to address rates and residue.
- Timing to rainfall is everything.
- Preplant in the chemical fallow system tends to work the best.
- If we apply Anthem Flex herbicide to wet soil and do not get a rain for an additional 10 days, there will be escapes.

RUSSIAN THISTLE AND KOCHIA CONTROL – LENTILS

Jha – Montana State University - 2018

Kochia Control 81 DAP

Russian Thistle Control 81 DAP

ANTHEM FLEX HERBICIDE - YIELD #/A LENTILS

Jha – Montana State University - 2018

Untreated Check

Anthem Flex herbicide 3.5 fl. oz. + Metribuzin DF 7.0 oz. + Linuron 1.25 #