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## Sencor

### Overview

### Labels & MSDS

### Application Guidelines

#### Overview

- Sencor® is a proven performer and when it comes to broad-spectrum weed control, it's reliable and cost-effective
- The only post-emergent broadleaf weed control product registered in lentils, field peas and chickpeas
- Residual activity provides control of flushing weeds
- Convenient packaging means no triple rinsing or jugs to return
- Sencor is a Group 5 herbicide that helps manage and prevent Group 2-resistant broadleaf weeds including, hemp-nettle, chickweed and wild mustard

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- Sencor provides a unique non-Group 2 broadleaf weed solution for your pulse crop
- When used in a program with Edge<sup>®</sup>, the combination will help manage weeds such as kochia (resistant to Group 2 and 9 herbicides)
- Controls all herbicide-tolerant volunteer canola

#### Rates – Pulse Crops

Sencor has different use rates depending on the crop. Please refer to product label for exact information regarding application.

Lentils	<ul style="list-style-type: none"> <li>• Single application: a 2.5 kg bag treats 22.5 acres at a rate of 111 g/ac.</li> <li>• Split application: a 2.5 kg bag treats 32-44 acres at a rate of 57-77 g/ac.</li> </ul>
Chickpeas (Desi & Kabuli types only)	<ul style="list-style-type: none"> <li>• Single application: a 2.5 kg bag treats 22.5 acres at a rate of 111 g/ac.</li> </ul>
Field peas	<ul style="list-style-type: none"> <li>• Single application: a 2.5 kg bag treats 16.5-22.5 acres at a rate of 111 g/ac.</li> <li>• Split application: a 2.5 kg bag treats 32-44 acres at a rate of 57-77 g/ac.</li> <li>• Five 2.5 kg bags of Sencor Solupak plus three 10 L jugs of MCPA Na-salt treats 160 acres</li> </ul>

#### Timing – Pulse Crops

Sencor has different timings depending on the crop. It can be applied pre-plant, pre-plant incorporated, pre-emergence or post-emergence. Please refer to product label for exact information regarding application.

Lentils	<ul style="list-style-type: none"> <li>• For lentils apply first application from cotyledon to the 2 leaf weed stage, with the second application when the second flush appears. Allow seven to 10 days between first and second application. Apply first application at a rate of 77 g/ac. and the second application at a rate of 55-77 g/ac.</li> <li>• For best results, apply Sencor when lentil vines are less than 6 in. long or are in the 3 to 5 node stage</li> <li>• Plant at a seed depth of 2 in. to decrease the risk of product leaching into the root zone; larger seeded lentils are less prone to injury than smaller seeded lentils (e.g., Laird vs. Milestone)</li> </ul>
Chickpeas (Desi & Kabuli types)	<ul style="list-style-type: none"> <li>• For best results, apply Sencor when chickpea vines are less than 2.5 in. high or are in the 1 to 3 node stage</li> <li>• Desi chickpea varieties are less tolerant than the Kabuli varieties, so care should be</li> </ul>

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only)	taken when applying Sencor Solupak
Field peas	<ul style="list-style-type: none"> <li>• For best results, apply Sencor with MCPA Na-salt when the vines are less than 6 in. long, or before the 6 node stage</li> <li>• Apply the first application at the 2 leaf weed stage and the second application at the second flush</li> </ul>

#### Packaging

- Five 2.5 kg bags of Sencor Solupak plus three 10 L jugs of MCPA = 160 acres

#### Water Volume

- Ground – minimum 15 US gal./ac. (57 L/ac.)

#### Rainfastness

- One hour after application

#### Residue and Grazing

**Do not:**

- Graze treated wheat or barley crop or feed treated crop to livestock within 30 days of application
- Graze treated field peas, processing peas, chickpeas, lentils or feed treated crops to livestock within 70 days of application

#### Re-cropping Intervals

Sensitive crops for the year after Sencor application include: onions, celery, peppers, cole crops, lettuce and spinach, sugar beets, table beets and turnips, pumpkin and squash, cucumbers and melons, tobacco and non-triazine-tolerant canola (rapeseed).

*Note: Most of the crops listed above apply to Eastern Canada.*

#### Tips and Tricks

- Apply Sencor as a broadcast spray mixed with a minimum of 15 US gal./ac. (57 L/ac.) of water – lower water volumes will increase the risk of leaf burn
- Sencor should be mixed with water only and not with fertilizer solutions
- Follow Sencor applications with a post-grass treatment such as Centurion® and allow four to five days between applications – if grassy weeds emerge first, apply Centurion followed by Sencor in four to five days
- Better weed control performance can be attained with a split application of Sencor
- Do not use on soils with less than 4% organic matter
- Growers applying Sencor herbicide on soils with low organic matter levels (but greater than 4%) should reduce rates and apply Sencor in split applications
- Do not apply Sencor if the short-term forecast calls for rain of two or more inches; applications followed by high precipitation can lead to leaching
- Crop root uptake can show symptoms seven to 10 days later; this can lead to stand reduction and plant injury

#### **Resistance Management**

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