



**MAKHTESHIM**  
**A G of A N**  
 NORTH AMERICA

**BUMPER® 41.8EC**  
 EPA REG. NO. 66222-42  
 FOR CONTROL OF ERGOT SUPPRESSION IN  
 GRASSES GROWN FOR SEED  
 EPA SLN NO. ID-030013

**SUPPLEMENTAL LABELING FOR SPECIAL LOCAL NEED IN IDAHO  
 FOR DISTRIBUTION AND USE ONLY WITHIN IDAHO**

**FOR CONTROL OF ERGOT SUPPRESSION IN GRASSES GROWN FOR SEED**

<b>ACTIVE INGREDIENT:</b>	<b>% BY WT.</b>
Propiconazole: 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]Methyl]-1 <i>h</i> -1,2,4-triazole .....	41.8%
<b>INERT INGREDIENTS:</b> .....	<u>58.2%</u>
<b>TOTAL</b>	<b>100.0%</b>

**KEEP OUT OF REACH OF CHILDREN  
 WARNING-AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

**DIRECTIONS FOR USE**

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered Bumper 41.8EC label.
- This label must be in the possession of the user at the time of pesticide application.

**GENERAL INFORMATION**

**Ergot suppression in grasses grown for seed**

*Claviceps purpurea*, casual agent of ergot, produces elongated, black sclerotia that replace seeds in infected florets of grasses grown for seed. Sclerotia serve as the primary source of inoculum. Under moist springtime conditions, spores from sclerotia infect plants during flowering.

Infection produces exudates which impede harvest. Disease history (observing ergot in a field the previous season), cultivar susceptibility, and environmental conditions which encourage disease are factors to consider when attempting to minimize losses from ergot.

**Ergot suppression with Bumper 41.8EC:** Apply 4-8 fl. oz. Bumper 41.8EC per acre just prior to anthesis using a minimum of 20 gallons of water per acre with ground equipment or a minimum of 10 gallons of water per acre with aerial equipment. Under severe disease conditions or periods of extended bloom, make a second application 7-10 days later. For ergot suppression, **DO NOT** make more than 2 applications per growing season. For best results, tank mix Bumper 41.8EC with an appropriate surfactant (contact Extension or MANA personnel for information on surfactants used for ergot suppression in your area).

**RESTRICTIONS**

- **DO NOT** apply more than 16 fl. oz. of Bumper 41.8EC per acre per growing cycle for ergot suppression. Make the last application at least 20 days before seed matures.
- To avoid possible illegal residues, do not feed hay cut within 20 days of the last application nor graze treated areas within 140 days of the last application.

For information on other diseases controlled by Bumper 41.8EC Fungicide, refer to the federal label.

**24(c) Registrant:**

Makhteshim-Agan of North America, Inc.  
 551 Fifth Avenue, Suite 1100  
 New York, NY 10176

Bumper® is a registered trademark of Makhteshim Agan of North America, Inc.