

Poncho[®] XC

Seed Treatment

Grasshopper Management in Winter Wheat

Crop scouting is critical to ensure grasshopper damage and populations are managed. Thus timing of insecticide applications are critical to provide protection as grasshoppers are entering the field.

Best Use Recommendations:

Damage Thresholds for Emerging Winter Wheat:

- Infield – 2-7 grasshoppers per square yard*
- Field margins – 11-20 grasshoppers per square yard*

Seed Treatments:

- One to two planter passes with insecticide treated seed around the perimeter (50-60 ft.)
- Seed treatment insecticides, such as Poncho[®] XC seed treatment (1.79 oz/CWT), can be utilized to provide systemic protection from feeding damage. Under low to moderate pressure, planting of treated seed around field perimeters will provide immediate protection from grasshoppers entering the field margins.
- Systemic seed treatments, like Poncho XC seed treatment, eliminate timing concerns associated with a foliar insecticide application.

Foliar Border Sprays:

- Timing is key: spray should be just before wheat emerges. Spraying too early could mean not enough residual; spraying too late won't help because the damage is already done.
- Application of 150 foot border of insecticides, such as pyrethroids, should be made just prior to wheat emergence along field borders. A whole field application of an insecticide might be needed under high pressure conditions.
- Scouting is key. Grasshoppers can continue to re-invade fields, so repeat applications may be necessary.
- If populations are high, a larger foliar border spray of a registered insecticide should be applied (0.25 miles beyond crop*, with repeat applications if populations justify)

* Kevin Wanner, MSU Extension specialist, Distributed by MSU News Service:
<https://www.montana.edu/news/10183/high-grasshopper-populations-require-precautions-for-fall-and-winter-crops>



To learn more about crop
protection products from BASF,
visit www.agproducts.basf.us

Always read and follow label directions.

Poncho is a registered trademark of BASF. ©2020 BASF. All Rights Reserved. APN# XXXXXXX Poncho-XC-Grasshoppers-Seed-Treatment

 **BASF**

We create chemistry