

Canola and Mustard XVI-9

Lygus bugs

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Order Orthoptera, Family Lygaeidae, Subfamily Lygaeinae, Genus Lygus, Species Lygus lineolaris
lygus bug

Adults measure about ¼ inch in length with a distinctive light colored triangular marking on its back. Both immature and adult lygus bugs feed on growing points, buds, flowers and green pods with their piercing sucking mouthparts. Toxic saliva, injected while feeding, causes blasting of buds and shriveled seed. Yield losses from bud blasting and damage to seed has been estimated as great as 20% during severe outbreaks in Canada.

Economic thresholds in Canada are 15 lygus per 10 sweeps in bud stage through petal fall. After petal fall the threshold increases to 20 lygus per 10 sweeps.

Product List for Plant bugs

| Pesticide | Product/Acre | Preharvest Interval, Remarks |
|-------------------------------------|----------------------------------|---|
| Capture 2EC ^{R,1} | 2.1 – 2.6 fl oz | 35 days. 12 hr REI. Do not apply more than 5.12 oz /A /season. Do not make applications less than 14 days apart. See label for minimum gallonage. |
| Gaucho 600F | 12.8 – 32 fl oz/cwt | Seed treatment. For use by commercial seed-treaters only. Suppression only |
| Proaxis ^{R,1,2} | 1.92 - 3.84 oz | 7 days, 24 hr REI. Do not apply more than 0.72pt/A/season. See seasonal use rates for gamma and lambda cyhalothrin. |
| Lambda-cyhalothrin ^{R,1,2} | 1.92-3.84 oz (Warrior with Zeon) | 7 days, 24 hr REI. Avoid application when bees actively foraging by applying early morning or evening. Do not apply more than 0.72 pt/A /yr. See seasonal use rates for gamma and lambda cyhalothrin. |
| | 1.92-3.84 oz (Lambda T) | |
| Pyrethrins¹ | 2 – 16 oz | 0 Day, 12 hr REI . No less than 2 GPA by air or |

(Evergreen EC 60-6) 10 GPA by ground. Buffer spray to pH 5.5 – 7.0.

4.5 – 18 oz
(Pyganic EC 5.0)

¹ Label allows chemigation,

² Generic active ingredient, several formulations available, see labels for rates

^R Restricted use pesticide

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Categories: Canola, Mustard, Insects, Lygus bugs

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