

2009 Pasture Insect Control Recommendations

Suggested Economic Threshold Levels

Grasshoppers

Treatment thresholds have not been established.

Armyworms

Treatment should be considered when populations exceed 3-4 larvae per square foot. If fields are ready or near ready for cutting, harvesting is suggested rather than applying insecticide.

Recommended Chemical Controls for Pasture Insects

Insect	Insecticide (Trade Names)	Rate per Acre	Restrictions/Comments*
Armyworms or Grasshoppers	carbaryl (Sevin XLR Plus 4)	1 – 1.5 qt	Must remove cattle. Do not apply within 14 days of harvest or grazing. Other Sevin formulations are also available.
Grasshoppers	diflubenzuron (Dimilin 2L)	2 oz	Allow 1 day after treatment before cutting for hay. Apply when grasshoppers are small.
Armyworms or Grasshoppers	malathion (malathion 57E)	2 pt	Must remove cattle. Allow spray to dry before harvest or grazing.
Armyworms	methomyl (Lannate 2.4LV)	0.75 – 1.5 pt	Bermudagrass only. Must remove cattle. Do not apply within 3 days of harvest or 7 days of grazing.
Armyworms	methoxyfenozide (Intrepid 2F)	4 – 8 oz	Do not apply within 7 days of harvest; 0-day application restriction for grazing.
Armyworms or Grasshoppers	methyl parathion (Methyl 4E)	1.5 pt	Must remove cattle. Do not apply within 15 days of harvest or grazing.
Armyworms	spinosad (Tracer 4F)	1 – 2 oz	Do not apply within 3 days of harvest; 0-day restriction for grazing.
Armyworms, Grasshoppers	β-cyfluthrin (Baythroid XL 1)	1.6 – 1.9 oz 1.9 oz	Do not apply within 7 days of harvest; 0-day application restriction for grazing.
Armyworms or Grasshoppers	λ-cyhalothrin (Karate 2.08, Warrior II)	1.3 – 1.9 oz	Do not apply within 7 days of harvest; 0-day restriction for grazing.
Armyworms or Grasshoppers	Z-cypermethrin (Mustang Max 0.8)	2.8 – 4 oz	0-day application restriction for forage or hay.

* See insecticide labels for complete list of pests controlled, restrictions and comments.