

PASTURE INSECT CONTROL

Insect	Insecticide	Formulation/Acre	Lb/ai/Acre	Acres/Gallon	Applications/Comments	Minimum Days From Last Application to Harvest
<b>Fall Armyworm, Armyworm</b>	β-cyfluthrin (R) Baythroid XL 1EC	2.6-2.8 oz	0.02-0.022	45.7-49.2	DO NOT apply more than 0.089 lb ai per acre per cutting.	0 (grazing) 0 (hay)
	carbaryl Sevin 80 S Sevin XLR Plus	0.63-1.25 lb 1-2 pt	0.5-1.0	4-8	Control is usually needed when 3 or more worms per sq ft are found. Sevin does not kill armyworms quickly. Allow 2-3 days for control to become effective. Must remove cattle. DO NOT apply within 14 days of harvesting or grazing.	14
	chlorantraniliprole Prevathon	14-20 oz	0.047-0.067	6-9	DO NOT apply more than 0.2 lb ai per acre per crop.	0 (hay) 0 (grazing)
	λ-cyhalothrin (R) Karate Z 2.08 CS (See generics, p. 26)	1.28-1.92 oz	0.02-0.03	66.7-100	DO NOT apply more than 0.03 lb ai per acre per cutting.	7 (hay) 0 (grazing)
	λ-cyhalothrin (R) Karate (1 lb/gal EC) (See generics, p. 26)	2.56-3.84 oz	0.02-0.03	33.3-50	DO NOT apply more than 0.03 lb ai per acre per cutting.	7 (hay) 0 (grazing)
	methoxyfenozide Intrepid 2 F	4-8 oz	0.06-0.12	16-32	Livestock can graze on treated area immediately after application of Intrepid.	7 (hay) 0 (grazing)
	spinosad Tracer 4 SC Entrust	1-2 oz 0.63-1.25 oz	0.031-0.066	64-128 12-25 per lb	No grazing restriction (spray should dry before cattle graze in treated areas). Entrust is OMRI listed for organic production.	3 (hay) 0 (grazing)
	ζ-cypermethrin (R) Mustang Max 0.8 EC	2.8-4.0 oz	0.0175-0.025	32-45	No grazing restriction for grass forage or hay. DO NOT apply within 3 days for non-grass forage.	0 3 (non-grass)
	<b>Grasshopper</b>	22% diflubenzuron (R) Dimilin 2 L	2 oz		64	Apply when grasshoppers are small (1/2 inch). Once grasshoppers reach 4th instar nymphs, survival increases. Allow at least 1 day after treatment before cutting hay. DO NOT exceed a total of 2 fl oz Dimilin 2L per acre per season.
β-cyfluthrin (R) Baythroid XL 1EC		2.6-2.8 oz	0.02-0.022	45.7-49.2	DO NOT apply more than 0.089 lb ai per acre per cutting.	0 (grazing) 0 (hay)
λ-cyhalothrin (R) Karate Z 2.08 CS (See generics, p. 26)		1.28-1.92 oz	0.02-0.03	66.7-100	DO NOT apply more than 0.03 lb ai per acre per cutting.	7 (hay) 0 (grazing)
λ-cyhalothrin (R) Karate (1 lb/gal EC) (See generics, p. 26)		2.56-3.84 oz	0.02-0.03	33.3-50	DO NOT apply more than 0.03 lb ai per acre per cutting.	7 (hay) 0 (grazing)
ζ-cypermethrin (R) Mustang Max 0.8 EC		2.8-4.0 oz	0.0175-0.025	32-45	No grazing restriction for grass forage or hay. DO NOT apply within 3 days for non-grass forage.	0 3 (non-grass)
<b>Red Imported Fire Ant</b>	Hydramethylnon (Amdro Pro)	2-5 T/mound 1-1.5 lb/A			Mound-to-mound treatment rate. Broadcast rate.	
	hydramethylnon + methoprene (Extinguish Plus)	3-5 T/mound 1-1.5 lb/A			Apply <b>ALL FIRE ANT BAITS</b> when ants are active and soil temperature is above 60 degrees F. DO NOT treat if rain is anticipated within 6 hours. DO NOT cut and bale hay treated with Amdro Pro or Extinguish Plus until 7 days after application.	
	pyriproxyfen (Esteem)	2-4 T/mound 1.5-2 lb/A			DO NOT harvest hay within 24 hours of treatment with Esteem.	
	S-Methoprene (Extinguish)	3-5 T/mound 1-1.5 lb/A			Mound-to-mound treatment rate. Broadcast rate.	