

PASTURE INSECT CONTROL

Insect	Insecticide	Formulation/Acre	Lb ai/Acre	Acres/Gallon	Application/Comments	Minimum Days from Last Application to Harvest
<b>Fall Armyworm, Armyworm</b>	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
	lambda-cyhalothrin (R) Karate Z/Warrior II 2.08 CS Karate/Warrior 1 EC	1.28-1.92 oz 2.56-3.84 oz	0.02-0.03	66.7-100 33.3-50		7
	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
	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
	zeta-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.	0
<b>Grasshoppers</b>	carbaryl Sevin 80 S Sevin XLR Plus	1 1/4 lb 2 pt	1.0	4	Control is easiest when hoppers are small. Treat grasshoppers when infestations approach 10 grasshoppers per square yard. Must remove cattle. Do not apply within 14 days of harvesting or grazing.	14
	22% diflubenzuron (R) Dimilin 2 L	2 oz		64	Apply when grasshoppers are small (1/2 inch). Once grasshoppers reach 4th instar nymphs, grasshopper 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 year.	15
	lambda-cyhalothrin (R) Karate Z/Warrior II 2.08 CS Karate/Warrior 1 EC	1.28-1.92 oz 2.56-3.84 oz	0.02-0.03	66.7-100 33.3-50		7
	zeta-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.	0
<b>Red Imported Fire Ants</b>	Hydramethylnon (Amdro Pro)	2-5 T/mound 1-1.5 lb/A			Mound-to-mound treatment rate. Broadcast rate. 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 until 7 days after application.	
	hydramethylnon + methoprene (Extinguish Plus)	3-5 T/mound 1-1.5 lb/A				
	pyriproxyfen (Esteem)	2-4 T/mound 1.5-2 lb/A				
	S - Methoprene (Extinguish)	3-5 T/mound 1-1.5 lb/A			Mound-to-mound treatment rate. Broadcast rate.	