

TEMPORARY SUMMER GRAZING INSECT CONTROL

(Millets, sudan grass, sorghum-sudan hybrids)

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PEST	MATERIAL AND FORMULATION ¹	AMOUNT PER ACRE	REMARKS AND PRECAUTIONS
Aphids	malathion 8EC	15 to 20 fl. ozs.	WHEN TO TREAT FOR INSECTS IN FORAGE GRASSES
	zeta-cypermethrin (Mustang Max)	2.24 to 4.0 ozs.	
Armyworm, Fall Armyworm, Cutworms, Yellowstriped armyworm	carbaryl (Sevin) 80S 50WP	1 1/4 to 1 7/8 lbs. 2 to 3 lbs.	APHIDS: Treat for corn leaf aphid if heavy infestations are causing leaves to dry and die over large areas of a field. Treat for greenbug or yellow sugarcane aphid if populations of these aphids are killing 3 or more leaves per plant.
	Lorsban 4E	1 to 2 pts.	"BUDWORMS" (usually fall armyworm and corn earworm): Treat when more than 75 percent of the plants are infested with larvae.
	Tracer	1.5 to 3 ozs.	CHINCH BUG: Treat if bugs become numerous and wilting leaves are noticed.
	zeta-cypermethrin (Mustang Max)	2.24 to 4.0 ozs.	EUROPEAN CORN BORER: If plants are heavily infested (central growing shoots dying or breaking over on a high percentage of the plants), salvage crop by grazing or cutting for fodder.
Chinch bug	Lorsban 4E	1 to 2 pts.	FLEA BEETLES, GRASSHOPPERS: Treat if heavy populations are causing excessive foliage loss.
	zeta-cypermethrin (Mustang Max)	2.24 to 4.0 ozs.	GREEN JUNE BEETLE LARVAE: Treat when populations average 1 larva per square yard.
Corn earworm	The materials listed for armyworm give control.		PESTICIDE USE PRECAUTIONS
Flea beetles	carbaryl (Sevin) as applied for armyworm may give helpful control.		
Grasshoppers	carbaryl (Sevin) 80S 50 WP	1 7/8 lbs. 3 lbs.	
	malathion 8EC	15 to 20 fl. ozs.	<u>carbaryl (Sevin)</u> : 14 day grazing and harvest interval.
	zeta-cypermethrin (Mustang Max)	2.24 to 4.0 ozs.	<u>chlorpyrifos (Lorsban)</u> : Check label for grazing and crop restrictions.
			<u>Cypermethrin (Mustang Max)</u> : 0 day PHI for sorghum, 45 day PHI for millets for forage.
			<u>malathion</u> : Apply as needed up to day of grazing or harvest for hay.
			<u>methomyl</u> : 3-day harvest interval. Do not apply more than twice per crop. Do not apply more than 0.9 lb/acre/crop.
Green June beetle larvae	carbaryl (Sevin) 80S 50 WP	1 7/8 lbs. 3 lbs.	<u>spinosad (Tracer)</u> : Not labeled on all millets. Do not apply within 7 days of grain harvest or 14 days of forage harvest.
<p>CAUTION: Check labels carefully. Labeling varies, and not all formulations of these materials can be used on forage grasses.</p> <p>¹Abbreviations used are: EC = emulsifiable concentrate, SP = soluble powder, S = sprayable powder, WP = wettable powder</p> <p>Numbers following liquid formulations indicate lbs. active ingredient per gallon; those following solids indicate percent active ingredient.</p>			