TEMPORARY GRAZING: TEMPORARY SUMMER GRAZING INSECT CONTROL

**Millets, sudan grass, sorghum-sudan hybrids**

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### PEST MATERIAL AND FORMULATION1 MOA AMOUNT PER ACRE REI/PHI (Hours/Days) REMARKS AND PRECAUTIONS

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<th>PEST</th>
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| **Aphids** | malathion 8EC | 1B | 15-20 fl oz | 12 H | WHEN TO TREAT FOR INSECTS IN FORAGE GRASSES
FOLIAGE FEEDING CATERPILLARS: (armyworm, beet armyworm, cutworms, fall armyworm, yellowstriped armyworm): Treat for any one or any combination of these insects when they are causing excessive defoliation.
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.
“BUDWORMS” (usually fall armyworm and corn earworm): Treat when more than 50% of the plants are infested with larvae.
CHINCH BUG: Treat if bugs become numerous and wilting leaves are noticed.
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.
FLEA BEETLES, GRASSHOPPERS: Treat if heavy populations are causing excessive foliage loss.
GREEN JUNE BEETLE LARVAE: Treat when populations average 5 grubs/sq yd.

| **Armyworm, Fall Armyworm, Cutworms, Yellowstriped armysworm** | carbaryl Sevin, others | 1A | See label. Many formulations available. | 12 H | CARBARYL (Sevin): 14 day grazing and harvest interval.
CHLORPYRIFOS (Lorsban): Check label for grazing and crop restrictions.
SPIRINCYPERMETHRIN (Mustang Maxx): 0 day PHI for sorghum, 45 day PHI for millets for forage.
LAMBDA-CYHALOTHRIN (Warrior II Zeon): 0 day grazing interval, 7 day harvest interval.
CHLORPYRIFOS (Lorsban 4E): 1 day grazing interval, 7 day harvest interval.
ZETA-CYPERMETHRIN (Mustang Maxx): 1 day grazing interval, 7 day harvest interval.
CHLORPYRIFOS (Lorsban 4E): 1 day grazing interval, 7 day harvest interval.
ZETA-CYPERMETHRIN (Mustang Maxx): 1 day grazing interval, 7 day harvest interval.

| **Chinch bug** | beta-cyfluthrin Baythroid XL | 3A | See label. Rates vary by forage species | 12 H | The materials listed for armyworm give control.

| **Corn earworm** | beta-cyfluthrin Baythroid XL | 3A | See label. Rates vary by forage species | 12 H | PESTICIDE USE PRECAUTIONS
Apply any of the materials listed in this table with aerial or ground equipment as label directs. Where a range of rates is given for a material, use the low rate on small plants or small larvae and the high rate on larger plants or larger larvae.
carbaryl (Sevin): 14 day grazing and harvest interval.
chlortrione (Lorsban): Check label for grazing and crop restrictions.
cypermethrin (Mustang Maxx): 0 day PHI for sorghum, 45 day PHI for millets for forage.
lambdacyhalothrin (Warrior II Zeon): 0 day PHI for sorghum, 45 day PHI for millets for forage.
carbaryl Sevin: 1 day grazing interval, 7 day harvest interval.
lambda-cyhalothrin Warrior II Zeon: 0 day grazing interval, 7 day harvest interval.

| **Flea beetles** | carbofuran Sevin as applied for armyworm may give helpful control. | 1A | See label. Many formulations available. | 12 H | malathion: Apply as needed up to day of grazing or harvest for hay.

| **Grasshoppers** | carbofuran Sevin, others | 1A | See label. Many formulations available. | 12 H | methomyl: 3-day harvest interval. Do not apply more than twice per crop. Do not apply more than 0.9 lb/A/crop. Not labeled on millet or sweet sorghum.

| **Green June beetle larvae** | carbofuran Sevin, others | 1A | See label. Many formulations available. | 12 H | spinosad (Tracer): Not labeled on all millets. Do not apply within 7 days of grain harvest or 14 days of forage harvest.

CAUTION: Check labels carefully. Labeling varies, and not all formulations of these materials can be used on forage grasses. 1 Abbreviations used are: EC—emulsifiable concentrate, SP—soluble powder, S—sprayable powder, WP—wettable powder. Numbers following liquid formulations indicate lb ai gal; those following solids indicate percent active ingredient.