

# Livestock – Cattle, Hogs, Poultry, Sheep, and Goats

## Fly Control

### In and Around Dairy Barns (Not Milk Rooms)

Insecticides	Chemical Class	How to Mix	Remarks
Permethrin	Pyrethroid	Mix 0.1% spray solution as per label instructions.	-Apply 1 gallon per 750 square feet. -Numerous formulations: Atroban, Ectiban, Anchor, Permethrin, Gardstar, Insectrin and others.
Ectrin	Pyrethroid	Mix 2 ounces of concentrate per 1.5 gallons or 1 quart. per 25 gallons	Apply 1 gallon per 750 square feet. Remove animals before spraying.
Countdown	Pyrethroid	Prepare 0.1 spray solution as per label instructions.	Inside use spot treatment only. Treat surfaces outside.
Ravap	Organophosphate	Mix 5 ounces of concentrate per gallons of water or 1 gallon per 25 gallons	Apply 1 gallon per 500-1,000 square feet. Remove animals before spraying and keep out for at least four hours.
Rabon	Organophosphate	Mix 4-8 pounds (see label) concentrate per 25 gallons of water.	Apply 1 gallon per 500-1,000 square feet (see label). Remove animals before spraying.
Grenade WP	Pyrethroid	Prepare solution as per label instructions.	Remove animals before spraying.

### Manure Treatment

Insecticides	Chemical Class	How to Mix	Remarks
Rabon 50	Organophosphate	Mix 4 pounds in 25 gallons of water. (1% solution)	Apply 1 gallon per 100 square feet. Can be repeated at 7- to 10-day intervals.
Ravap	Organophosphate	Mix 5 ounces in 1 gallon of water or 1 gallon in 25 gallons of water.	Apply 1 gallon per 100 square feet. Can be repeated at 7- to 10-day intervals.
Vapona	Organophosphate	Mix 2 ounces in 1.5 gallons of water or 1 gallon in 100 gallons of water.	Apply 1-2 quarts per 100 square feet. Can be repeated at 7-day intervals.