

product information

DESCRIPTION:

GardStar 40% EC Livestock and Premise Insecticide is a non-restricted use, emulsifiable concentrate formulation containing permethrin. This synthetic pyrethroid is highly active against many arthropod pests both as an insecticide and as a repellent on nearly all species of livestock, horses, dogs and their premises.

EFFECTIVENESS:

GardStar 40% EC is active against all major ectoparasites of livestock. In addition, it is effective as a residual premise treatment against house flies, stable flies, fire ants, ticks (including deer ticks) and many other nuisance pests.

PACKAGING:

GardStar 40% EC is available in a 4 fl. oz. (118 ml) bottle with a convenient 1/2 fl. oz. (15 ml) measuring chamber on top.

PRODUCT ADVANTAGES:

1. One of the most complete use labels for all dairy and beef cattle, sheep, goats, swine, poultry, horses, dogs and their premises.
2. Makes highly effective mound drench for long-term odor-free control of imported fire ants.
3. No withdrawal time for meat and milk when used on cattle, goats and sheep.
4. Highly concentrated, one 4 fl. oz. bottle will treat one of the following:
 - a. 393 cows for control of horn flies, lice and mange
 - b. 196 hogs for control of lice and mange
 - c. 2,360 chickens for control of mites and lice
 - d. 13,111 sq. ft. of wall area for control of house flies and other nuisance pests inside livestock premises
5. Can be used in all areas of dairy barns including milk rooms.
6. Easy to measure and once mixed does not require further agitation.
7. Works well in low-pressure pump-up sprayers or high pressure power sprayers.
8. Can be mixed with oil or water for premise sprays.
9. Can be mixed with oil for back rubber use.
10. Designed to be stable for up to 1 year when diluted to 0.5% in water unlike other permethrin based products.

Y•TEX[®]
GardStar[®]
40% EC
Livestock and Premise
Insecticide



For convenient, multi-species control of pests both on the animal and within its environment.

ACTIVE INGREDIENT:

Permethrin* 40.00%
 (3-Phenoxyphenyl)methyl(±)cis/trans
 3-(2,2-dichloroethenyl)-2,2-
 dimethylcyclopropanecarboxylate.

INERT INGREDIENTS: 60.00%

TOTAL 100.00%

*Cis/trans ratio: Min. 35%(±)cis and max. 65%(±)trans.

Y•TEX® GardStar® 40% EC

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.


Livestock Use Directions

Animal	Insect	Dilute & Use	Application Rate
Lactating and Non-Lactating Dairy Cattle and Goats, Beef Cattle and Sheep	Horn flies, Face flies, Stable flies, House flies, Horse flies, Deer flies, Black flies, Mosquitoes, Eye gnats, Mange mites, Scabies mites, Ticks, Lice, Sheep keds (use higher concentrations for longer residual control).	30-118 ml to 25 gals. water (treats 50-100). 0.013-0.05% AI. High pressure spray.	1-2 qt. of coarse spray per animal over whole body surface. For Mange, Scabies, Ticks and Lice, thoroughly wet animal. Repeat application 10-14 days for Mites and Lice.
	Horn flies, Face flies, Stable flies, Ear ticks, Lice and Sheep keds (2-3 weeks residual control of horn flies).	118 ml to 2.5 gals. water (treats 64-80 cattle), (treats 213 sheep or goats) 0.5% AI. Low pressure spray (Hand pump sprayer).	For fly, lice and sheep ked control, spray midline from face to tailhead until wet, but do not let runoff occur, 4-5 fl. oz. (118-148 ml) for cattle, and 1.5 fl. oz. (45 ml) for sheep or goats. For ear tick control, spray directly into each ear (1/2 fl. oz. (15 ml) each).
	Horn flies, Face flies, Stable flies (Season long control of horn flies).	118 ml to 10 gals. diesel oil or suitable mineral oil. 0.13% AI. Backrubber, Self oiler.	Keep rubbing device charged. Results improved by daily forced use.
Poultry	Northern fowl mites, Lice.	12.5-75 ml to 2.5 gals. water (treats 250). 0.05-0.32% AI. High pressure spray.	1 gal. of coarse spray per 100 birds, paying particular attention to vent area.
Swine (Allow 5 days between last treatment and slaughter)	Lice, Mange.	60-118 ml to 25 gals. water (treats 50 -100). 0.026-0.05% AI. Sprayer or dip.	Thoroughly wet or dip animals including ears. For Mange, spray pen floors, sides and bedding. Repeat at 14 days.
Horses and Dogs* (Do not use on cats)	Horn flies, Face flies, Stable flies, House flies, Horse flies, Black flies, Mosquitoes, Eye gnats, Mange mites, Scabies mites, Ticks, Lice and Fleas.	7.5 ml to 1 pt. water. 0.64% AI. Low pressure spray.	1-2 fl. oz. (30-60 ml) spray per animal. Spot treat back, face, legs, tail and ears.
		5-12.5 ml to 2 gals. water. 0.026-0.067% AI. Dip wash.	Thoroughly wet animals to skin with sponge or rag. Let drip dry. Do Not treat the animal's face.
		118 ml to 20 gals. water. 0.064% AI. Dip (dogs only).	Make sure all areas are soaked to skin. Let drip dry on animal. Do not rinse off. Not recommended for use on puppies less than twelve weeks old.

*Sensitivities may occur after using **ANY** pesticide product for **PETS**. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.



Premise Use Directions

Apply To	To Control	Dilute & Use	Application Rate
Premises– in and around Horse, Beef, Dairy, Swine, Sheep and Poultry Premises, Animal Hospitals, Pens and Kennels and Outside Meat Processing premises**	House flies, Stable flies, Little House flies (<i>Fannia</i> spp.). Aids in control of Cockroaches, Ants, Spiders, Mosquitoes and Crickets.	90-118 ml to 10 gals. water. 0.1-0.13% AI. Surface spray.	Apply until surface is wet but do not let runoff occur. (1 gal. per 750-1000 sq. ft.) (Do not use in Milk Rooms).
		10-45 ml to 1 gal. water. 0.11-0.48% AI. Space spray.	Apply as fog or fine mist until area is filled with mist using 2 fl. oz. (60 ml) per 1000 cubic ft. (Can be used in Milk Rooms).
		118 ml to 10 gals. water or mineral oil. 0.13% AI. Overhead space spray system.	4 fl. oz. (118 ml) spray per 1000 cu. ft. of air space. (Do not use in Milk Rooms).
	Temporary reduction of annoyance from pests mentioned above.	45 ml to 1 gal. water. 0.48% AI. Outdoor space spray.	Fill area with mist. Apply while the air is still and avoid wetting foliage.
	Bed bugs and Chicken mites.	118 ml to 10 gals. water. For severe infestation it is permissible to use 118 ml to 4 gals. 0.13-0.32% AI. Sprayer.	Spray crevices of roost poles, cracks in walls and cracks in nest and nest boxes.
	Ticks, including the Deer tick, and Fleas.	90 ml to 2 gals. water. 0.48% AI. Indoor spray.	Treat around windows, doors, porches, screens, eaves, patios, garages, under stairways and in crawl spaces where these pests may occur. Apply until surface is wet but do not let runoff occur. (approx. 1 gal. per 750-1000 sq. ft.)
		118 ml to 100 gals. water. For longer residual, use up to 118 ml to 50 gals. water 0.013-0.026% AI. Outdoor spray.	Use enough finished spray to penetrate foliage, usually 50-100 gals. per acre. To prevent infestation of buildings, treat a band of vegetation 6-10 feet adjacent to the structure.
Imported Fire Ants. 	5 -10 ml to 1 gal. water. 0.05 - 0.11% AI. Sprinkler can.	Gently sprinkle 1 gal. over the surface of each mound. Thoroughly wet mound and surrounding area to a 4 ft. diameter. For best results, apply in cool weather 65-80° F (early morning or late evening). Pressurized sprayers may disturb ants and cause migration reducing product effectiveness.	

Do not apply dilutions for **premise treatment directly on livestock or poultry. Ensure that feed and water are not contaminated by spray drift. For **space spraying**, do not remain in treated areas and ventilate the area before reoccupying. Animals should be removed from area prior to treatment. The use of any residual fly spray should be supplemented with proper manure management and general sanitation to reduce or eliminate fly breeding sites.

GardStar[®] 40% EC product information

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles, face shield or safety glasses. Harmful if swallowed. Avoid contact with skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Certain medications can interact with pesticides. Consult a veterinarian before using on medicated animals. Do not use this or any pesticide on sick, old or debilitated animals.

KEEP OUT OF REACH OF CHILDREN

Statement of Practical Treatment

IF SWALLOWED: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol. Induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove person to fresh air. Apply artificial respiration if indicated. **IF ON SKIN:** Remove contaminated clothing and wash affected areas with plenty of soap and water. Get medical attention.

IF IN EYES: Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical attention.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and other aquatic organisms. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

PHYSICAL HAZARDS

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage And Spill

Procedures: Store upright at room temperature. Avoid exposure to extreme

temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your state Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional office for guidance.

Container Disposal:

Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.

NOTICE OF WARRANTY:

Y-TEX CORPORATION MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label, and in any case, is limited to replacement of product only.

EPA Reg. No. 39039-8
EPA Est. No. 10370-TX-1

ALSO

BRUTE[™] Pour-on for Cattle

From
Y•TEX[®]

- Controls Biting and Sucking Lice
- Controls Horn Flies
- Aids in Control of Other Pests
- No Dilution Necessary
- Non-Restricted Use
- Easy to Use and Economical
- One 16 fl. oz. Bottle Treats 32 Head of 1000 lb. or Larger Animals, 1 gallon treats 252 head
- Use On Lactating and Non-Lactating Dairy Cattle and Beef Cattle
- No Withdrawal Requirements

