

NET CONTENTS ONE QUART

Tobacco States

# TOX 450 DIP - SPRAY

## Concentrate



**KILLS HORN FLIES, TICKS,  
LICE, STABLE FLIES, AND  
MOSQUITOES ON BEEF  
CATTLE, HORSES, MULES, HOGS,  
SHEEP AND GOATS.**

### ACTIVE INGREDIENTS:

- \*Toxaphene ..... 45.00%
- \*\*Lindane ..... 2.00%
- Aromatic petroleum Solvent ..... 45.00%

### INERT INGREDIENTS: ..... 8.00%

- \*Technical Chlorinated Camphene (Chlorine Content 67-69%)
- \*\*Gamma Isomer of Benzene Hexachloride

**WARNING:** Keep out of reach of children

See other warnings on Back Panel.

### DIRECTIONS

**SPRAY APPLICATION:** Apply as a water spray. Stir spray solution thoroughly. Spray animals until thoroughly wet. Repeat application when necessary. Do not spray in stormy weather as injury may result from chilling. Do not spray animals within 30 days of slaughter. Do not spray or dip animals under 3 months of age. Do not treat sows within 1 month thereafter. Avoid treating animals in cold, stormy weather. Avoid treating over 100 lbs. animals.

**BEEF CATTLE, HORSES, MULES:** Horn flies, Lice, Ticks, Stable Flies, Mosquitoes — Mix 1 cup (2.5 pt.) of Tox 450 Dip-Spray Concentrate in 1 gal. of water or 1 cup (2.5 pt.) of Tox 450 Dip-Spray Concentrate in 10 gal. of water for complete kill of these pests and protection against reinfestation. Wet animal — less for smaller animals. Repeat as necessary. For Stable Flies also.

**HOGS:** Lice — Mix 1 1/3 tbs. of Tox 450 Dip-Spray in 1 gal. of water or 1 qt. of water as necessary.

**SHEEP AND GOATS:** Lice and Sheep Keds (ticks) — Mix 1 cup of Tox 450 Dip-Spray in 1 gal. of water. Spray animals all over. Thorough wetting, using high pressure so as to penetrate ticks. Dilute Tox 450 Dip-Spray at the rate of 1 qt. in 40 gals. of water. Spray animals all over.

**DIP AND VAT APPLICATION:** Mix Tox 450 Dip-Spray at the rate of 1 gal. to 40 gal. of water. Vat first with water, then add needed amount of Tox 450 Dip-Spray. Keep the water and Tox 450 Dip-Spray in the same proportions as initial charge. Check strength and is uniformly mixed. Completely submerge animals body once or twice under six months of age. Do not use on dogs. Spray very young animals while before dipping so that they will not drink the dipping solution. Upon prolonged dipping chemical agent in Tox 450 Dip-Spray could separate. Do not use such separate agent. Clean vat and re-charge with fresh solution. For Sheep Scab: Mix Tox 450 Dip-Spray in 10 gal. of water and immerse sheep for at least 1/2 min. Ducking head at least twice. Check animals 60 days of slaughter.

**SARCOPTIC MANGE:** Mix 1 qt. of Tox 450 Dip-Spray in 40 gallons of water. Thorough wetting is essential. Do not dip calves under three months of age. Do not apply to dogs.

**BACK RUBBERS:** Horn Flies and Lice on Beef Cattle: Dilute 1 qt. Tox 450 Dip-Spray in 40 gal. of water. Do not use crank case oil or lubrication oil, both of which mix with solution so it is thoroughly wet, but not dripping. Repeat charging reduction of horn flies and is an aid in reducing infestation of lice on cattle. Do not use on beef cattle less than 6 months old.

**RESIDUAL SPRAY:** Fleas, Mosquitoes, Roaches, Stable flies on Agricultural fences and other farm buildings (excluding dairy barns or in poultry houses). Mix 1 qt. Tox 450 Dip-Spray in 50 gallons of water. Thoroughly wet all surfaces where insects alight. Spray outside walk of dairy barns, on fences, inside treat places where animals sleep. Repeat application as necessary.

### WARNING:

May be fatal if Swallowed! May be absorbed through skin. Do not breathe vapors. Wash hands thoroughly after using. Do not contaminate food or feed products. HEAT OR OPEN FLAME.

Do not use inside dairy barns, milk rooms or milk processing rooms. Do not use on forage for animals or on animals being finished for slaughter. NEVER USE at pet's. Do not use in dwellings.

Rinse equipment and containers and dispose of wastes by burying in a concrete pit. Should be disposed of by punching holes in them and burying with wastes. This product is poisonous to fish and wildlife. Keep out of any body of water. Apply this product only as specified on this label.

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EPA Reg. No. 266-149

# PESTICIDE

# TOBACCO STATES CHEMICALS

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**DIRECTIONS**

**SPRAY APPLICATION:** Apply as a water spray. Stir spray solution thoroughly and agitate during entire spraying operation. Spray animals until thoroughly wet. Repeat application when necessary. Do not spray or dip animals when weather is cold or stormy as injury may result from chilling. Do not spray animals within 30 days of slaughter.

Do not spray or dip animals under 3 months of age. Do not treat sows within two weeks of farrowing nor for at least three weeks thereafter. Avoid treating animals in cold, stormy weather. Avoid treating overheated or sick animals.

**BEEF CATTLE, HORSES, MULES:** Horn Flies, Lice, Ticks, Stable Flies, Mosquitoes - Mix 1 3/5 lbs. of Tox 450 Dip-Spray Concentrate in 1 gal. of water or 1 cup (1/2 pt.) of Tox 450 Dip-Spray Concentrate to 10 gal. of water (1 gal. to 160 gallons) for complete kill of these pests and protection against reinfestation. Wet animals thoroughly with 2 qts. diluted spray per adult animal -- less for smaller animals. Repeat as necessary. For Stable Flies also use Residual Spray Direction for barns.

**HOGS:** Lice - Mix 1 1/3 lbs. of Tox 450 Dip-Spray in 1 gal. of water or 1 qt. to 50 gal. of water. Wet animals thoroughly. Repeat as necessary.

**SHEEP AND GOATS:** Lice and Sheep Keds (ticks) - Mix 1 cup of Tox 450 Dip-Spray in 30 gal. of water (1 gal. to 480 gallons). Spray animals all over. Thorough wetting, using high pressure so as to penetrate fleece is essential for best results. Fleece Worms and Ticks: Dilute Tox 450 Dip-Spray at the rate of 1 qt. in 40 gals. of water. Spray thoroughly as above.

**DIP AND VAT APPLICATION:** Mix Tox 450 Dip-Spray at the rate of 1 gal. to 160 gal. of water for control on listed pests. Fill Vat first with water, then add needed amount of Tox 450 Dip-Spray. Keep the dip solution uniformly mixed. To replenish, add water and Tox 450 Dip-Spray in the same proportions as initial charge. Check solution so that it does not exceed proper strength and is uniformly mixed. Completely submerge animals body once or twice. Duck head at least twice. Do Not dip calves under six months of age. Do not use on dogs. Spray very young animals when treatment is necessary. Always water animals before dipping so that they will not drink the dipping solution. Upon prolonged standing or in dirty dipping vats, the active chemical agent in Tox 450 Dip-Spray could separate. Do not use such separated dipping solution as death to animals could occur. Clean vat and re-charge with fresh solution. For Sheep Scab: Mix Tox 450 Dip-Spray at the rate of 1 gal. to 100 gal. of water and immerse sheep for at least 1/2 min. Ducking head at least twice. Check mixture frequently. Do not dip animals within 60 days of slaughter.

**SARCOPTIC MANGE:** Mix 1 qt. of Tox 450 Dip-Spray in 40 gallons of water. Spray animals twice at a 14 day interval. Thorough wetting is essential. Do not dip calves under three months of age. Do not apply more than twice in any calendar year.

**BACK RUBBERS:** Horn Flies and Lice on Beef Cattle: Dilute 1 qt. Tox 450 Dip-Spray with 2 gallons fuel oil or diesel fuel and mix thoroughly. Do not use crank case oil or lubrication oil, both of which may be potentially harmful. Charge burlap roll by soaking with solution so it is thoroughly wet, but not dripping. Repeat charging as necessary. Tox 450 Dip-Spray gives rapid reduction of horn flies and is an aid in reducing infestation of lice on cattle. Do not expose beef cattle to back rubber treatment within 30 days of slaughter. Do not use on beef cattle less than 6 months old.

**RESIDUAL SPRAY:** Fleas, Mosquitoes, Roaches, Stable flies on Agricultural Premises: such as barns, sheds, animal shelters, fences and other farm buildings (excluding dairy barns or in poultry houses) - Mix 1/2 cup of Tox 450 Dip-Spray in 1 gal. of water (1 gal. to 50 gallons). Thoroughly wet all surfaces where insects might or crawl. Wet surfaces thoroughly, but not to the point of excessive run off. Spray outside walk of dairy barns, on fences inside barns, on animal pens and on the floor. For flies, thoroughly treat places where animals sleep. Repeat application as necessary.

**WARNING:**

May be fatal if Swallowed! May be absorbed through skin. Do not breathe vapors. Wash hands thoroughly after using. Do not contaminate food or food products. **DO NOT USE FUME CABINETS OR STORE NEAR HEAT OR OPEN FLAME.**

Do not use inside dairy barns, milk rooms or milk processing rooms. Do not use on Dairy Cattle, Dairy goats, around feed or forage for animals or on animals being finished for slaughter. **NEVER USE** at rate stronger than recommended. Do not use on pets. Do not use in dwellings.

Rinse equipment and containers and dispose of wastes by burying in non crop land, away from water supplies. Containers should be disposed of by punching holes in them and burying with wastes, or by burning (Keep out of smoke).

This product is poisonous to fish and wildlife. Keep out of any body of water.

Apply this product only as specified on this label.

EPA Reg. No. 230-149

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TOBACCO STATES CHEMICAL CO., INC.