

USES

**CONTROLS** Horn Flies, House Flies, Stable Flies, Ticks, Lice, and Mange Mites (Sarcoptic, Psoroptic, and Chorioptic) on cattle, hogs, sheep and goats. Also Sheep Ticks, Sheep Scab, and Fleeceworms.

**DIRECTIONS FOR USE**

**SPRAYING:** Apply as a water-base spray at dilutions recommended below. Always stir well before using. A power sprayer with mechanical agitation is preferred. When using a low pressure or hand sprayer, agitate manually throughout the entire spraying operation. Spray animals until thoroughly wet. Average size animal requires approximately 2 quarts of spray. Repeat application as needed. Do not spray meat animals less than 30 days before slaughter.

**DIPPING:** Apply at dilutions shown below for listed pests. When using a dipping vat immerse animals at least 5 minute, dunking heads at least twice. Solution should be checked frequently at vat side to assure proper dipping strength. Do not dip meat animals less than 60 days before slaughter.

**FOR HOGS:** To control Hog Lice dip or spray at a dilution of 1 gallon MANG-EX to 150 gallons of water, wetting animals thoroughly. A single application is usually all that is necessary for lice. For Mange Mites spray the infested areas at a dilution of 1 gallon MANG-EX to 90 gallons of water. Repeat applications at 1 to 3 week intervals may be needed.

**FOR CATTLE:** To control Ticks (Lone Star, Gulf Coast, Winter and Fever Ticks), Lice (Short-nosed, Long-nosed, and Tall Lice), dip or spray at a dilution of 1 gallon of MANG-EX to 100 gallons of water. To control Gulf Coast Tick treatment in and around ears is essential. For Mange Mites (Sarcoptic, Psoroptic, and Chorioptic) spray affected areas at a dilution of 1 gallon of MANG-EX to 90 gallons of water. A second application about one week later may be required.

**FOR SHEEP AND GOATS:** To control Sheep Ticks (Red), Lice, Sheep Scab and Fleeceworms on sheep and non-dairy goats dip or spray at a dilution of 1 gallon of MANG-EX to 100 gallons of water, wetting animals thoroughly. For Mange Mites use a dilution of 1 gallon of MANG-EX to 90 gallons of water to spray the affected areas. Repeat applications at 1 to 3 week intervals may be needed.

# MANGEX

**FOR HOGS**  
Sarcoptic Mange and Lice

**FOR CATTLE**  
Ticks-Lice-Hornflies-Mosquitoes

**FOR SHEEP AND GOATS**  
Ticks-Lice-Sheep Scab-Fleeceworms

Active Ingredients	By Weight
Tetraphene Technical Chlorinated Camphene containing 67-68 Chlorine	45.0%
Gamma Isomer of Benzene Hexachloride (from Lindane)	2.0%
Petroleum Distillate	44.0%
Inert Ingredients	9.0%
	100.0%

**WARNING: Keep Out Of Reach Of Children**  
See side panels for additional cautions.

**NOTICE**

Manufacturer's guarantee shall be limited to the terms of the label, and subject thereto the buyer assumes any risk to persons or property arising out of use or handling and accepts the product on these conditions.

**DIRECTIONS (Continued)**

**BACKRUBBERS:** Dilute 1 gallon of MANG-EX with 1 1/2 fuel oil or mineral seal oil to control Horn Flies and in control of lice on range cattle or on hogs on dairy cattle. Do not use on meat animals less than 30 days or less than 30 days before slaughter.

**AS A RESIDUAL SURFACE SPRAY:** For Flies and Mosquitoes at a dilution of 1 gallon MANG-EX to 20 gallons of water. Do not use on animals at this dilution. Do NOT use on animal feed or storage. Apply to barns, animal housing, fences and other farm buildings. Spray until wet but not to the point of run-off. One gallon of spray is needed for approximately 750 sq. ft. Repeat as needed.

**WARNING**

**MAY BE FATAL IF SWALLOWED. MAY BE ABSORBED THROUGH SKIN.** Do not breathe spray mist. Do not get in eyes, on clothing. Do not contaminate feed or foodstuff. Wash thoroughly after handling.

**HIGHLY TOXIC TO FISH AND WILDLIFE.** Keep out of lakes and ponds. Apply only as specified on label. Burial and disposal of wastes by burying in non-crop areas. Containers should be disposed of properly. Holes in them and burying with wastes.

**ANTIDOTE: (Human)**

Internal: Call a doctor immediately. Give chloroform 15 gm. (one tablespoonful) of oil in a glass of warm water. Repeat until vomit is external. Wash with plenty of soap and water.

**PRECAUTIONS IN USE**

Do not use on dairy cattle or goats, or inside of ground feed or storage. Do not use in poultry houses. Spray meat animals within 30 days of slaughter. Do not treat cows within 2 weeks of farrowing or 3 weeks thereafter. Do not treat animals less than 3 months old. If animals are cold, stormy weather or if sick, follow directions explicitly. Make sure you read literature. If you have any questions, contact your dealer.

RECEIVED  
DEC 18 1971  
INDICES REGISTRATION  
DIVISION, EPA

BEST DOCUMENT AVAILABLE

ACCEPTED  
JAN 7 1972  
2393-400  
2393-400

NET CONTENTS ONE GALLON

MANUFACTURED BY

**AIDEX**

OMAHA, NEBRASKA

USES

... Horn flies, House flies, Stable flies, Ticks, ... and Mange Mites (Sarcoptic, Psoroptic, and Choriotic) ... cattle, hogs, sheep and goats. Also Sheep Ticks, Sheep ... and Fleece Worms.

DIRECTIONS FOR USE

... Apply as a water-base spray at dilutions recommended ... Always stir well before using ... power sprayer ... mechanical application is preferred when using a low ... or hand sprayer operate manually throughout the ... spraying operation. Spray animals until thoroughly ... Average size animal requires approximately 2 quarts of ... Repeat application as needed. Do not spray meat ... less than 30 days before slaughter.

... Apply at dilutions shown below for listed pests. ... using a dipping vat immerse animals at least 1/2 minute. ... heads at least twice. Solution should be checked ... frequently at vat side to assure proper dipping strength ... not dip meat animals less than 60 days before slaughter.

... To control Hog Lice dip or spray at a dilution ... of 1 gallon MANG-EX to 150 gallons of water, wetting ... thoroughly. A single application is usually all that ... is necessary for lice. For Mange Mites spray the infested ... areas at a dilution of 1 gallon MANG-EX to 90 gallons of ... water. Repeat applications at 1 to 3 week intervals may ... be needed.

... To control Ticks (Long Ear, Gulf Coast, ... Winter and Fever Ticks), Lice (Short-nosed, Long-nosed, ... and Tail Lice), dip or spray at a dilution of 1 gallon ... of MANG-EX to 100 gallons of water. To control Gulf ... Coast Tick treatment in and around ears is essential. For ... Mange Mites (Sarcoptic, Psoroptic, and Choriotic) spray ... affected areas at a dilution of 1 gallon of MANG-EX to 90 ... gallons of water. A second application about one week later ... may be required.

... To control Sheep Ticks (Keds), Lice, ... Sheep Scab and Fleece Worms on sheep and non-dairy goats ... dip or spray at a dilution of 1 gallon of MANG-EX to 100 ... gallons of water, wetting animals thoroughly. For Mange ... Mites use a dilution of 1 gallon of MANG-EX to 90 gallons ... of water to spray the affected areas. Repeat applications ... at 1 to 3 week intervals may be needed.

# MANGEX

FOR HOGS  
Sarcoptic Mange and Lice

FOR CATTLE  
Ticks-Lice-Hornflies-Mosquitoes

FOR SHEEP AND GOATS  
Ticks-Lice-Sheep Scab-Fleeceworms

BEST DOCUMENT AVAILABLE

Active Ingredients	By Weight
Terphenyl (Technical Chlorinated Camphene containing 67-69% Chlorine)	45 CS
Gamma Isomer of Benzene Hexachloride (From Lindane)	2 CS
Petroleum Distillate	48 CS
Inert Ingredients	9 CS
	100 CS

**WARNING: Keep Out Of Reach Of Children**  
See side panels for additional cautions

NOTICE

Seller's guarantee shall be limited to the terms of the label and sub-ject thereto the buyer assumes any risk to persons or property arising out of use or handling and accepts the product on these conditions

DIRECTIONS (Continued)

**BACKLUBBERS** Dilute 1 gallon of MANG-EX with 12 gallons of kerosene or mineral seal oil to control Horn flies and as an aid in control of lice on range cattle or on hogs. Do not use on dairy cattle. Do not use on meat animals less than six months old or less than 30 days before slaughter.

**AS A RESIDUAL SURFACE SPRAY:** For Flies and Mosquitoes apply at a dilution of 1 gallon MANG-EX to 20 gallons of water. Do NOT use on animals at this dilution. Do NOT use in dairy barns, milk rooms, poultry houses, dwelling houses, or around animal feed or forage. Apply to barns, animal shelters, sheds, fences and other farm buildings. Spray till surface is wet but not to the point of run-off. One gallon of diluted spray needed for approximately 750 sq. ft. Repeat as needed.

**WARNING**

**MAY BE FATAL IF SWALLOWED. MAY BE ABSORBED THROUGH SKIN.** Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Do not contaminate feed or foodstuffs. Wash thoroughly after handling.

**HIGHLY TOXIC TO FISH AND WILDLIFE.** Keep out of lakes, streams, and ponds. Apply only as specified on label. Rinse equipment 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.

ANTIDOTE (Human)

Internal: Call a doctor immediately. Give sodium chloride 15 gm (one tablespoonful of salt) in a glass of warm water. Repeat until vomit is clear.  
External: Wash with plenty of soap and water.

PRECAUTIONS IN USE

Do not use on dairy cattle or goats, or inside dairy barns or around feed or forage. Do not use in poultry houses. Do not spray meat animals within 31 days of slaughter or dip within 60 days of slaughter. Do not treat sows within 2 weeks of farrowing nor for at least 3 weeks thereafter. Do not treat animals less than 3 months old. Avoid treating animals in cold, stormy weather, or if sick or overheated. Follow directions carefully. Make sure you have a perfect fit. Do not use in aerosol form. Do not apply to animals.

RECEIVED  
DEC 18 1971  
TICKLES RESISTANT  
THROUGH EPA

NET CONTENTS ONE GALLON

MANUFACTURED BY



OMAHA, NEBRASKA

EPA Reg. No. 1029-B6

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