

How to use Purina Range Cattle Spray

MIXING DIRECTIONS

BEEF CATTLE AND HOGS: For control of Horn Flies, Lone Star Ticks, Winter Ticks, Gulf Coast Ticks, Spinose Ear Ticks and Lice— Mix 1 gallon of Range Cattle Spray in 150 gallons of water (1 $\frac{1}{4}$ tablespoonfuls to 1 gallon of water) for either spraying or dipping. For the control of Sarcoptic mange mite— Mix 1 gallon of Range Cattle Spray in 100 gallons of water (2 $\frac{1}{2}$ tablespoonfuls to 1 gallon of water).

SHEEP AND GOATS: (Note mixing directions carefully.) For the control of Sheep Ticks (Keds) and Lice— Mix 1 quart of Range Cattle Spray in 125 gallons of water for spraying; mix 1 quart of Range Cattle Spray in 250 gallons of water for dipping vat solution. For the control of Psoroptic scabies mites— mix 1 gallon of Range Cattle Spray in each 100 gallons of water used in dipping vat.

USE DIRECTIONS

Mix spray or dipping vat solutions thoroughly before using and keep well mixed while spraying or dipping animals. Refill dipping vats at indicated rates when fresh mixture must be added. Clean out entire vat when solution becomes filthy. Do not spray animals or expose beef cattle to backrubber treatments within 30 days of slaughter; do not dip animals within 60 days of slaughter. *Do Not* spray animals confined in closed building. *Do Not* spray horses or mules. Do not treat any animal under 3 months of age. *DO NOT* use on dairy animals.

CATTLE: Apply up to 1 gallon of spray solution per animal, except calves less than 6 months old. Do not directly spray or dip calves less than 6 months old. For Gulf Coast Ticks and Spinose Ear Ticks, apply at low pressure to each ear and to head, neck and shoulders. Repeat treatment for sarcoptic mange at 10 day intervals for 2 or more applications as needed. For aid in mange control repeat applications at monthly intervals.

SHEEP AND GOATS: Apply 2 to 4 quarts of spray solution per animal at low pressure to lambs and adults after spring shearing. Use high pressure to penetrate fleece during fall treatment. Hold animals in dipping vats for $\frac{1}{2}$ minute and duck head twice for an instant while swimming through vat.

HOGS: Spray or dip entire animal so as to thoroughly wet the skin, including the underside. Repeat treatment for sarcoptic mange at 10 day intervals for 2 or more applications as needed. For aid in mange control repeat applications at monthly intervals. Do not treat sows within 2 weeks of farrowing nor for at least 3 weeks thereafter.

FOR CATTLE RUBBING DEVICES

To aid in controlling Horn Flies, Mosquitoes, Gnats and Lice on beef cattle Thoroughly mix together 1 pint of Range Cattle Spray with 1 gallon of No. 2 fuel oil or diesel fuel oil in a separate container. Apply the mixed solution to the burlap

covering or pour into oil reservoir until canvass covering is saturated. Replenish the units with suitable amounts of the solution every 3 to 5 weeks. Regular exposure of the animals for about 10 weeks is usually necessary for good results against lice. Do not expect complete control of lice. Do not allow calves under 6 months of age access to the backrubber treatment.

WARNING: Do not mix with used motor oil, crankcase drainings or greases. Do not use in automatic oilers which allow an excessive or irregular amount of oil on the rubbing surface.

FOR GRASSHOPPER CONTROL

FOR SPRAYING: Use 1 $\frac{1}{2}$ quarts of Range Cattle Spray per acre. Apply required amount of Range Cattle Spray in the quantity of water required for adequate coverage. Spray hatching areas in idle land; avoid roadsides and canal banks. Apply only once per season. Do not feed or pasture dairy animals or animals on treated area being finished for slaughter. Do not use on forage to be sold commercially or shipped interstate. Birds and other wildlife in treated areas may be harmed.

WARNING: May be fatal if swallowed. If swallowed, induce vomiting. Call physician immediately. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. May be absorbed through skin. Wash face and hands thoroughly. Do not use in any manner other than specified on this label. Do not store near feed and food products. Avoid contamination of feed and food stuffs.

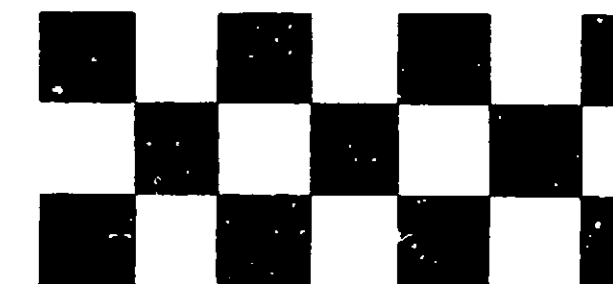
Do not treat dairy animals or use in dairy barns or milk rooms. Do not treat lambs, kids or pigs that are in the suckling stage. Do not treat weak or emaciated animals. Do not spray horses or mules. Avoid contamination of feed, foods, etc., feeders, waterers, and food equipment. Discontinue spraying or back rubber applications 30 days prior to slaughter. Do not dip sheep, goats, hogs, or beef cattle within 60 days of slaughter. Do not feed treated foliage to dairy animals or animals being finished for slaughter. Do not use in poultry houses or on poultry.

Do not treat overheated animals.

This product is toxic to fish and wildlife. Keep away from streams and ponds. Do not apply when weather conditions favor runoff from areas treated. Birds feeding on treated areas may be killed. Apply this product only as specified on this label. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of waste.

Rinse equipment and containers and dispose of wastes by burying in non-crop lands away from water supplies. Containers should be disposed by puncturing hole in them and burying with wastes.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME!



ng is saturated. Replenish
5 weeks. Regular exposure
y for good results against
y calves under 6 months of

e drainings or greases. Do
irregular amount of oil on

DL
y per acre. Apply required
ater required for adequate
oadsides and canal banks.
airy animals or animals on
on forage to be sold com-
e in treated areas may be

duce vomiting. Call physi-
get in eyes, on skin or on
hands thoroughly. Do not
Do not store near feed and
cuffs.

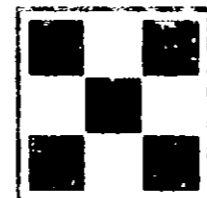
goats. Do not treat lambs,
weak or emaciated animals.
of feed foods; i.e., feeders.
back rubber applications
gs of beef cattle within 60
animals or animals being
r on poultry.

lakes, streams, and ponds.
spray from areas treated
s product only as specified
occur. Do not contaminate

es by burying in non-crop
disposed by puncturing holes

EAT OR OPEN FLAME

**QUALITY CONTROLLED
BY PURINA RESEARCH**

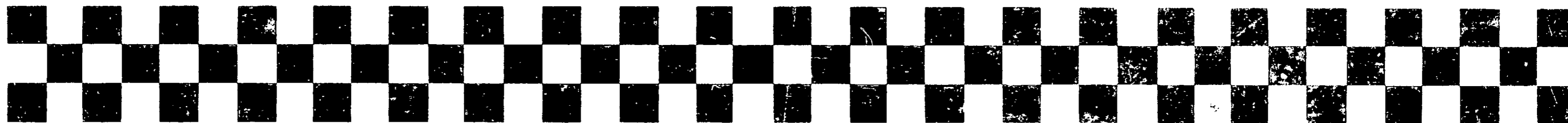


PURINA® RANGE CATTLE SPRAY

E.P.A. Reg. No. 602-44-AA

FOR SPRAYING OR DIPPING VATS

**Kills Horn Flies, Ticks, Lice, Mosquitoes, Gnats,
Psoroptic Scabies and Sarcoptic Mange Mites.**



ACTIVE INGREDIENTS:

*Toxaphene	45.00%
Gamma Isomer of Benzene Hexachloride (from Lindane)	0.45%
Aromatic Petroleum Derivative Solvents	41.55%
Xylene	5.00%
INERT INGREDIENTS	8.00%
*Technical chlorinated camphene (chlorine content 67-69%)	100.00%

NET CONTENTS: 1 GALLON

**WARNING: KEEP OUT OF REACH OF CHILDREN
SEE BACK PANEL FOR ADDITIONAL WARNINGS**

Manufactured by

RALSTON PURINA COMPANY
General Offices • Checkerboard Square • St. Louis, Mo. 63188

