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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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FEB 20 1997

Ms Crystal A Wilbanks  
Predator Management and Certification  
Training Specialist  
Texas Department of Agriculture  
P O Box 12847  
Austin, TX 78711

Dear Ms Wilbanks

Subject M-44 CYANIDE CAPSULES  
EPA Registration No 33858 2  
Your Submission of January 22, 1997

Because of the concerns that you have expressed regarding the accuracy of your labeling, we have reviewed your submission of January 22, 1997, as if it were proposed amended labeling

The labels for the carton and the individual capsules are acceptable as submitted The use restriction bulletin is basically acceptable, but the changes indicated below should be made at the next printing

- 1 In "USE RESTRICTION" #19, change "device" to devices
- 2 Under the map of South Texas, expand the "Contact your local office" statement to read

"Contact the nearest office of the U.S Fish and Wildlife Service for more current information "

Bulletins corresponding to the one submitted on January 22, 1997, may be used until your supply is exhausted Submit a copy of the amended bulletin when new copies are printed Call me at 703-305-6406 if you have any questions regarding this letter

Sincerely yours,

William W Jacobs  
Acting Product Manager 14  
Insecticide Rodenticide Branch  
Registration Division (7505C)

CONCURRENCES

SYMBOL	SURNAME	DATE						
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# M-44 PACKAGE LABEL

## RESTRICTED USE PESTICIDE

### INHALATION HAZARD TO HUMANS

M-44 SODIUM CYANIDE CAPSULES MAY ONLY BE USED BY CERTIFIED APPLICATORS WHO HAVE TAKEN THE ADDITIONAL REQUIRED TRAINING PROVIDED BY THE TEXAS DEPARTMENT OF AGRICULTURE

### M-44 CYANIDE CAPSULES

For use in the M-44 ejector device to control coyotes (*Canis latrans*) and fox (*Vulpes vulpes*) gray fox (*Urocyon cinereus*) and wild dogs that depredate livestock and poultry or that are vectors of communicable disease

Active Ingredient	Sodium Cyanide	91.06%
Inert Ingredients		8.94%
<b>TOTAL</b>		<b>100.00%</b>
50 Capsules	Net Weight	48.5 grams

**KEEP OUT OF THE REACH OF CHILDREN**

**DANGER**  **POISON**

### STATEMENT OF PRACTICAL TREATMENT

If swallowed or inhaled, prompt treatment is of the utmost importance. Carry patient to fresh air, have him lie down. Patient should breathe the contents of an Amyl Nitrite pearl 15-30 seconds each minute if necessary until five pearls have been used. Use artificial respiration if breathing has stopped. Remove contaminated clothing, but keep patient warm. **CALL A PHYSICIAN IMMEDIATELY.** If on skin, immediately flush with plenty of water. If in eyes, immediately flush with plenty of water and call physician.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For use in specific situations to reduce canids (coyotes, red fox, gray fox and wild dogs) that depredate livestock and poultry or that are vectors of communicable disease. For use in pastures, range land and forest land only. Do not place in areas where food crops are planted.

**IMPORTANT** Before handling or placing M-44 cyanide capsules or M-44 ejector devices, consult the Use Restriction Bulletin for specific use directions, additional precautions, information on endangered species, warning signs, and antidotal measures.

### WARNING SIGNS

Warning signs must be posted in the general area and at the application site. Bilingual (Spanish/English) warning signs must be posted in the general area and at the application site.

### STORAGE AND DISPOSAL

**Storage** Store M-44 cyanide capsules under lock and key in a dry place away from food, domestic animals and acids. Do not contaminate feed or food stuffs.

**Disposal** Dispose of defective and used M-44 capsules by burial in a safe location in the field or at a proper land fill site.

TEXAS DEPARTMENT OF AGRICULTURE  
Austin, Texas 78711  
EPA EST NO 56228 ID-1  
EPA REG NO 33858-2

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

Sodium Cyanide may be fatal if swallowed or inhaled. Use only with adequate ventilation and do not breathe the gas or dust. When handling, setting out or checking M-44 cyanide capsules, always have at least six pearls of Amyl Nitrite readily available in case sodium cyanide is swallowed or inhaled.

While handling sodium cyanide capsules, protect hands with gloves and shield eyes to prevent eye burns and skin irritation. Wash thoroughly before eating or smoking. Do not use in areas frequented by humans or domestic dogs.

### ENVIRONMENTAL HAZARDS

This pesticide is TOXIC TO WILDLIFE. Keep out of lakes, ponds, or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

### ENDANGERED SPECIES CONSIDERATIONS

Use of this product is prohibited in areas where such use might jeopardize the continued existence of endangered species. Contact the local office of the U.S. Fish and Wildlife Service to determine the locations of habitats occupied by any endangered species which occur in or near the intended area of use.

**Jaguarundi and Ocelot** Do not use this product within three miles of occupied habitat of the jaguarundi and ocelot in Bee, Cameron, Hidalgo, Kleberg, Jim Wells, Kenedy, San Patricio, Starr, Willacy and Zapata Counties.

### CHEMICAL HAZARDS

Contact with acid liberates poisonous and flammable hydrogen cyanide gas.

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APPROVED  
FEB 20 1997  
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**M-44 SODIUM CYANIDE USE RESTRICTION BULLETIN**  
**TEXAS DEPARTMENT OF AGRICULTURE (EPA Reg No 33858-2)**

ACCEPTED  
with COMMENTS  
by EPA Letter Dated  
3/4  
FEB 20 1997

This Bulletin is an essential part of the label for this registration and a copy including the carton label is to be provided to each applicator.

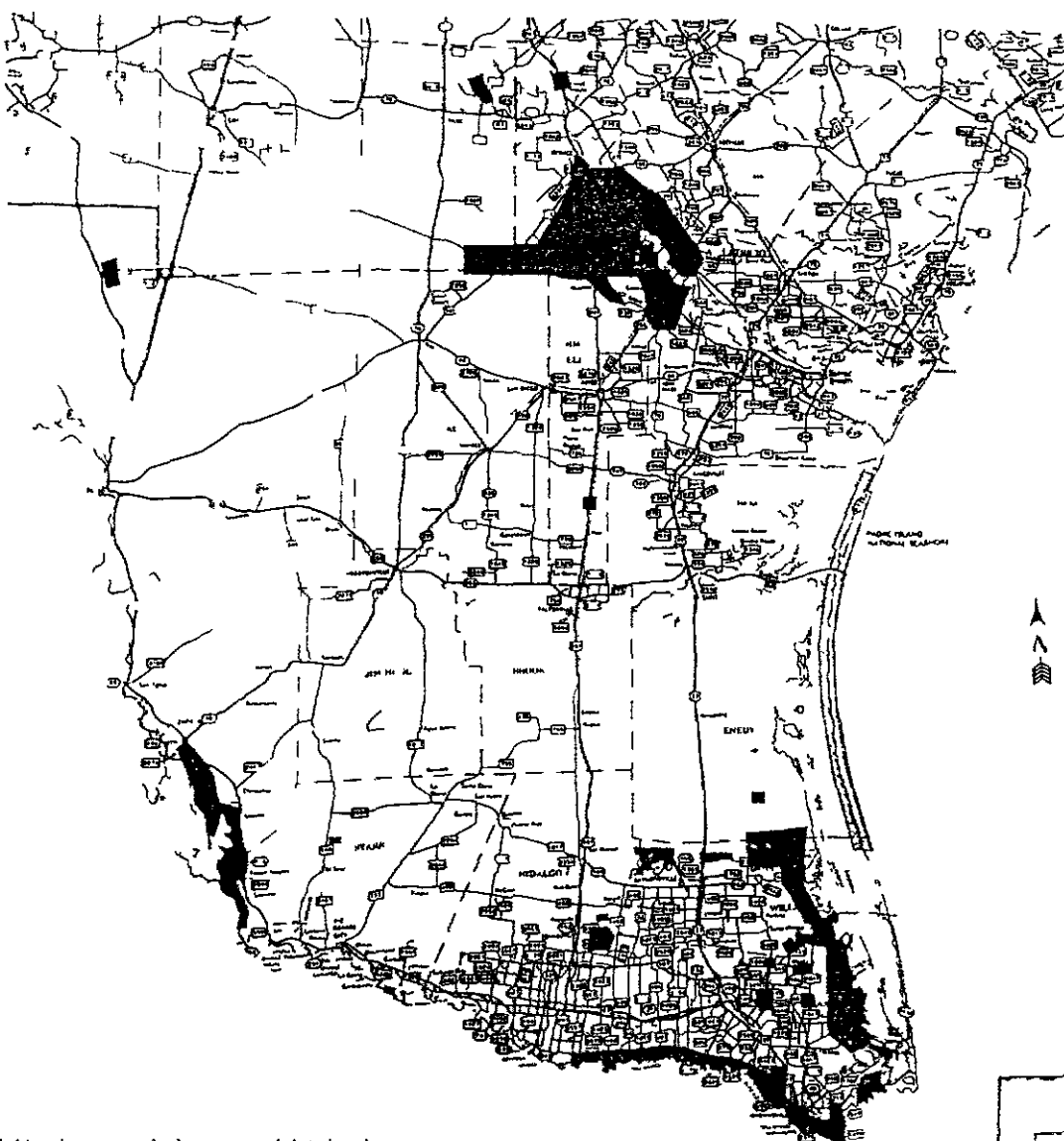
- 1 Use of the M-44 device shall conform to all applicable Federal State and local laws and regulations
- 2 Applicators shall be subject to such other regulations and restrictions as may be prescribed from time to time by the U.S. Environmental Protection Agency
- 3 Each applicator of the M-44 device shall be trained in (1) safe handling of the capsules and device (2) proper use of the antidote kit (3) proper placement of the device (4) necessary record keeping
- 4 M-44 devices and sodium cyanide capsules shall not be sold or transferred to or entrusted to the care of any person not certified for M-44 use by the Texas Department of Agriculture
- 5 The M-44 device shall only be used to take wild canids (1) suspected of preying upon livestock and poultry or (2) that are vectors of communicable disease
- 6 The M-44 device shall not be used solely to take animals for the value of their fur
- 7 The M-44 device shall only be used in instances where there is reason to believe that canids are vectoring a communicable disease or where actual livestock losses due to predation by wild canids are occurring or, based on documented prior experience indicating a recurring or seasonal predator problem in a specific area, where actual livestock losses due to wild canid predators can reasonably be expected to occur. In each case where used to protect livestock or poultry an evaluation will be made and documented so as to include livestock or poultry losses and evidence of depredating species prior to application of M-44 devices
- 8 The M-44 device shall not be used in (a) National or State Parks (b) National or State Monuments (c) Federally designated wilderness areas (d) Wildlife refuge areas (e) Areas within national forests or other Federal lands specifically set aside for recreational use (f) prairie dog towns and (g) Areas where exposure to the public and family pets is probable
- 9 The M-44 device shall not be used in areas where threatened or endangered animal species might be adversely affected. Each applicator shall be issued a map which clearly indicates such areas
- 10 One person other than the individual applicator shall have knowledge of the exact location of all M-44 devices in the field
- 11 In areas where more than one governmental agency is authorized to place M-44 devices the agencies shall exchange placement information and other relevant facts to insure that the maximum number of M-44 devices is not exceeded
- 12 The M-44 device shall not be placed within two hundred (200) feet of any lake stream, or other body of water, provided that natural depression areas which catch and hold rainfall only for short periods of time shall not be considered bodies of water for purposes of this restriction
- 13 The M-44 device shall not be placed in areas where food crops are planted
- 14 The M-44 device shall be placed at least fifty (50) feet distance or at such greater distance from any public road or pathway as may be necessary to remove it from the sight of persons and domestic animals using any such public road or pathway
- 15 The density of M-44 devices used shall be the minimum necessary to reduce losses as a rule, but the maximum density of M-44 devices in any 100 acre pastureland shall not exceed ten (10) and in any one square mile of open range shall not exceed twelve (12)
- 16 No M-44 device shall be placed within thirty (30) feet of a livestock carcass used as a draw station, no more than four (4) M-44 devices shall be placed at any single draw station and no more than three (3) draw stations shall be operated in any one square mile of a
- 17 Supervisors of applicators shall check the records warning signs and M-44 devices of each applicator at least once a year to verify that all applicable laws regulations and restrictions are being strictly followed
- 18 Each M-44 device shall be inspected by the applicator at least once a week to check for interference or unusual conditions and shall be serviced as required
- 19 Damaged or non-functional M-44 device shall be removed from the field
- 20 An M-44 device shall be removed from an area if after thirty (30) days there is no sign that a target predator has visited the site
- 21 All persons authorized to possess and use sodium cyanide capsules and M-44 devices shall store such capsules and devices under lock and key
- 22 Used sodium cyanide capsules shall be disposed of by deep burial or at a proper landfill site
- 23 Bilingual warning signs in English and Spanish shall be used in all areas containing M-44 devices. All such signs shall be removed when M-44 devices are removed
  - a Main entrances or commonly used access points to areas in which M-44 devices are set shall be posted with warning signs to alert the public to the toxic nature of the cyanide and to the danger to pets. Signs shall be inspected weekly to insure their continued presence and insure that they are conspicuous and legible
  - b An elevated sign shall be placed within six (6) feet of each individual M-44 device warning persons not to handle the device
- 24 Each authorized or licensed applicator shall carry an antidote kit on his person when placing and/or inspecting M-44 devices. The kit shall contain at least six pearls of amyl nitrite and instruction on their use. Each authorized or licensed applicator shall also carry on his person instructions for obtaining medical assistance in the event of accidental exposure to sodium cyanide
- 25 In all areas where the use of the M-44 device is anticipated local medical people shall be notified of the intended use. This notification may be through a poison control center local medical society the public health service or directly to a doctor or hospital. They shall be advised of the antidotal and first aid measures required for treatment of cyanide poisoning. It shall be the responsibility of the supervisor to perform this function

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- 26 Each applicator shall keep records dealing with the placement of the device and the results of each placement. Such records shall include but need not be limited to
- a The number of devices placed
  - b The location of each device placed
  - c The dates of each placement inspection and removal
  - d The number and location of devices which have been discharged and the apparent reasons
  - e Species of animals taken
  - f All accidents or injuries to humans or domestic animals

AREAS CLOSED TO USE OF M 44 SODIUM CYANIDE



Use of the M-44 sodium cyanide devices prohibited in the shaded area. These areas closed to M-44 use in compliance with the M-44 Sodium Cyanide Use Restrictions for Texas under EPA Registration No. 33858-2. Closure is for the protection of ocelot and jaguarundi - two species of wild cats that are listed as endangered species by the U.S. Fish and Wildlife Service.

The shaded areas on the map represent areas of known ocelot occurrence and areas of habitat believed suitable for sustaining ocelot and jaguarundi. Ocelots may travel more than 10 miles from their home range and occur outside of the closed areas. It is illegal to poison an endangered species. Therefore, M-44 applicators should avoid taking ocelot, jaguarundi or any other endangered species regardless of the area of use.

Contact your local office for more current information

Texas Department of Agriculture April 9 1992

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**DANGER POISON**  
 M-44 CYANIDE CAPSULE  
 Contains Sodium Cyanide 9.08%  
 MFG. BY USDA/APHIS/AUC FOR  
 TEXAS DEPT. OF AGRICULTURE  
 AUSTIN TEXAS 78711