



Protecting Endangered Species

Interim Measures

McCracken County, Kentucky



The information in this pamphlet is similar to what the U.S. Environmental Protection Agency (EPA) expects to distribute once our Endangered Species Protection Program is in effect. The limitations on pesticide use are not law at this time, but are being provided now for your use in voluntarily protecting endangered and threatened species from harm due to pesticide use. We encourage you to use this information. We also welcome your comments.

The Endangered Species Act is intended to protect and promote recovery of animals and plants that are in danger of becoming extinct due to the activities of people. Under the Act, EPA must ensure that use of pesticides it registers will not result in harm to the species listed as endangered or threatened by the U.S. fish and Wildlife Service, or to habitat critical to those species' survival. To accomplish this, the EPA expects to implement program requirements beginning in 1994. This program will protect endangered and threatened species from harm due to pesticide use.

EPA requests your comments regarding the information presented in this publication. Please let us know whether the information is clear and correct. Also tell us to what extent following the recommended measures would affect your typical pesticide use or productivity. This information will be considered by EPA during the final stages of program development.

Please submit comments to:

Interim Endangered Species
Protection Program (7506C)
U.S. EPA
401 M Street, SW
Washington, DC 20460



About This Publication

This publication contains a County Map showing the Area within the county where pesticide use should be limited to protect listed species. These areas are identified on the map by a shaded pattern. Each shaded pattern corresponds to a species in need of protection.

The Shading Key shows the name of the species that each shaded pattern represents and often describes the shaded area. The area may be described in terms of Township, Range, and Section or by giving details about the habitat of the species.

The first column of the "Table of Pesticide Active Ingredients" lists the active ingredients for which there should be limitations on use to protect certain species. The next columns are headed by the shaded pattern of the species with Codes listed underneath them.

The Code indicates the specific limitation that is necessary to protect the species. The section titled Limitations on Pesticide Use explains the code.

Does This Information Apply to You?

To determine whether this information applies to your use of a pesticide, review the questions below. The information applies only if you answer "yes" to both questions:

- Do you intend to use pesticides within or near the shaded area on the county map?
- Are any of the ingredients listed on the front panel of your pesticide product label named in the "Table of Pesticide Active Ingredients"?



If you answer "yes" to both questions, you should follow the instructions on "How to Use This Information" to determine if you should limit use of the pesticide to help protect listed species.

If you answer "no" to either question, you should follow the usage directions on the pesticide product label.



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Table of Pesticide Active Ingredients

Active Ingredient	Shading Pattern		Active Ingredient	Shading Pattern	
		Code TAR*			Code TAR*
ALIETTE			FLURIDONE	20	--
Apples, Pears, Strawberries	197	3	FONOFOS	2c	--
AZINPHOS-METHYL	2c	--	MALATHION	2c	--
BENOMYL	1c	--	METHIDATHION	2c	--
CAPTAN	1c	--	METHOMYL	1c	--
CARBARYL	2c	--	METHYL PARATHION	1c	--
CARBOFURAN	1c	--	MEVINPHOS	2c	--
CHLORPYRIFOS			NALED	1c	--
Alfalfa, Peanuts	43	--	NITRAPYRIN	1c	--
Apples	41	--	PARATHION (ethyl)	2c	--
Mosquito Larvicide Use	61	--	PENDIMETHALIN	2c	--
All Other Uses Except as a Termiticide	2c	--	PERMETHRIN	1c	--
DIAZINON	2c	--	PHORATE	1c	--
DICOFOL	2c	--	PHOSMET	1c	--
DIMETHOATE	2c	--	PHOSPHAMIDON	1c	--
ENDOSULFAN	2c	--	PROPICONAZOLE	1	--
ESFENVALERATE	1c	--	PYRETHRINS	2c	--
ETHION	2c	--	TERBUFOS	2c	--
ETHOPROP	1c	--	THIOBENCARB	63	--
FENAMIPHOS	2c	--	TRICHLORFON	2c	--

Limitations On Pesticide Use

Codes/Limitations

- 1 Do not apply this pesticide within 20 yards from the edge of water within the shaded area for **ground applications**, nor within 100 yards for **aerial applications**.
- 1c For **ground applications**, do not apply this pesticide within 20 yards from the edge of water within either the shaded area or the *upstream protection zone* (described under the Shading Key). For **aerial applications**, do not apply this pesticide within 100 yards from the edge of water within the areas described above.
- 2c For **ground applications**, do not apply this pesticide within 40 yards from the edge of water within either the shaded area or the *upstream protection zone* (described under the Shading Key). For **aerial applications**, do not apply this pesticide within 200 yards from the edge of water within the areas described above.
- 20 Do not apply **directly to water** within the shaded area.
- 41 Do not apply this pesticide within 1/4 mile from the edge of water within the shaded area for **ground applications**, nor within 1/2 mile for **aerial applications**.
- 43 Do not apply this pesticide within 100 yards from the edge of water within the shaded area for **ground applications**, nor within 1/4 mile for **aerial applications**.
- 61 Do not apply this pesticide as a **mosquito larvicide** within the shaded area.
- 63 Do not apply this pesticide within the shaded area. In addition, do not apply within 100 yards of the shaded area for **ground applications**, nor within 1 mile for **aerial applications**.
- 197 For **ground applications**, do not apply this pesticide above the threshold application rate (TAR) indicated within 20 yards from the edge of water within either the shaded area or the *upstream protection zone* (described under the Shading key). For **aerial applications**, do not apply within 100 yards from the edge of water within the areas described above.

* TAR = Threshold Application Rate (Pounds of active ingredient per acre per application)