

Pesticides And Toxic Substances (H-7506C)

Protecting Endangered Species

Interim Measures

Navajo County, Arizona

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 1991. 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 drop us a line to 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 (H7506C)
Public Docket and Information Section
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 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 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.

How To Use This Information

- 1) On the county map, find the specific shading patterns that cover the area where you will apply pesticides.
- 2) Read the shading key for those patterns to identify the specific area involved.
- 3) In the "Table of Pesticide Active Ingredients," locate the active ingredients in the pesticide you intend to apply.
- 4) Locate the code to the right of the active ingredient name and under the shading patterns that apply to you.
- 5) When using the pesticide, you should follow the limitations indicated for those codes described under "Limitations on Pesticide Use."
- 6) If you are applying more than one listed active ingredient or applying a listed active ingredient in an area with more than one shaded pattern (species), multiple codes may apply. If so, you should follow the most restrictive limitation.

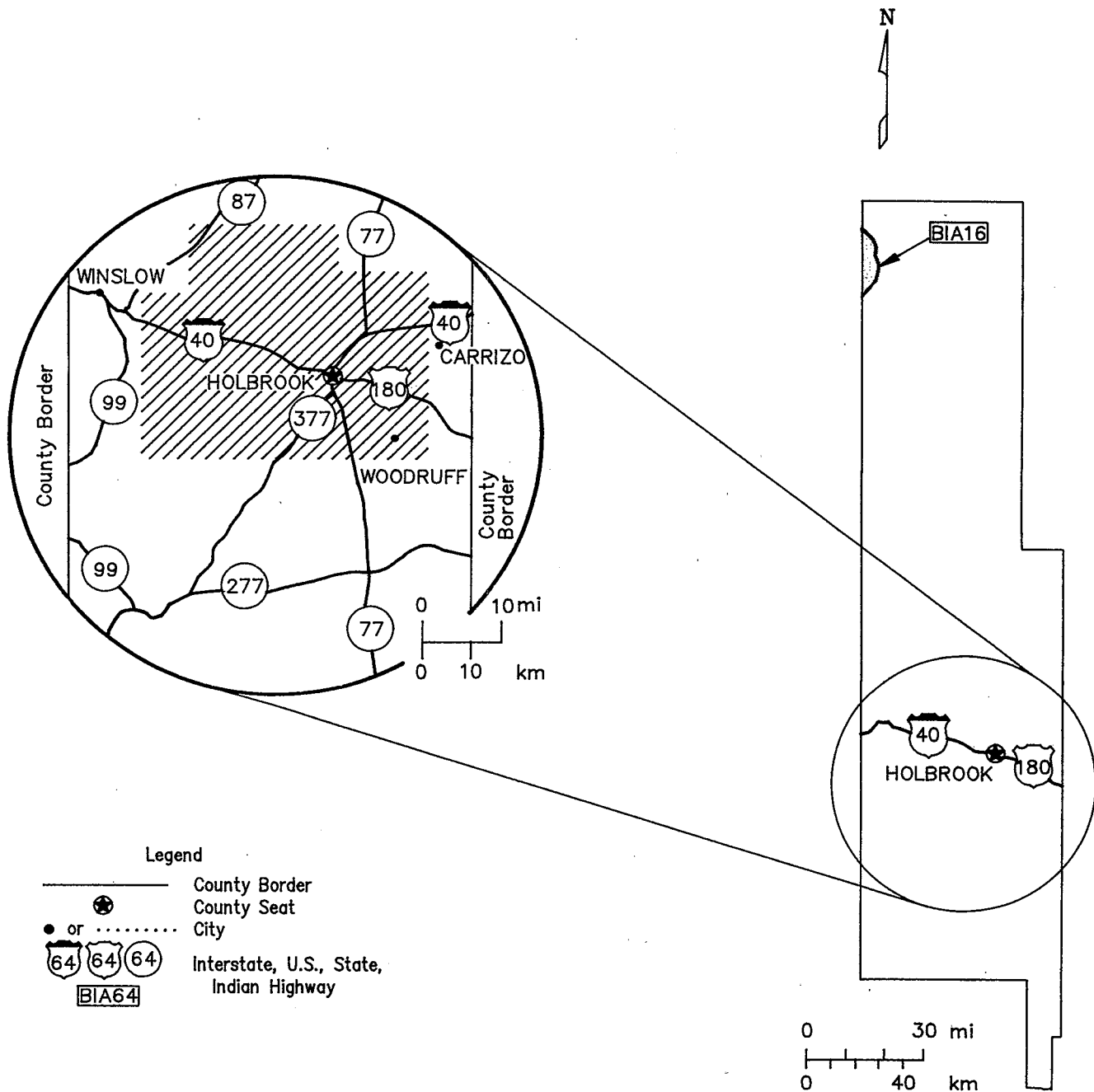
Table Of Pesticide Active Ingredients

Active Ingredient	Shading Pattern/Code	
		
2,4-D	28	28
2,4-D (AMINES, ESTERS, SALTS)	28	28
AMMONIUM SULFAMATE	28	28
ATRAZINE	28	28
DICAMBA	28	28
DICHLORPROP (2,4-DP)	28	28
DIMETHYLAMINE DICAMBA	28	28
HEXAZINONE	28	28
MCPA, ACID	28	28
MCPA (AMINES)	28	28
MCPA (SALTS)	28	28
METRIBUZIN	--	32
OXYFLUORFEN	--	33
PARAQUAT	28	28
PICLORAM	28	28
POTASSIUM PICLORAM	28	28
SODIUM DICAMBA	28	28
SULFOMETURON-METHYL	--	32
TEBUTHIURON	28	28
TRIETHYLAMINE PICLORAM	28	28

Limitations On Pesticide Use

Code	Limitation
28	Do not apply within 100 yards of species habitat for aerial applications or within 20 yards of species habitat for ground applications.
32	Do not apply on rights-of-way within species habitat.
33	Do not apply within one-quarter mile of species habitat.

Navajo County, Arizona



Legend

- County Border
- ⊙ County Seat
- or City
- Interstate, U.S., State,
- Indian Highway

Shading Key

Navajo sedge, *Carex specuicola* (Cyperaceae, the sedge family). Within the shaded area shown on the map, use limitations only apply within a 1-mile radius around sandstone seeps and springs except in irrigated pastureland and cropland.

Peebles Navajo cactus, *Pediocactus peeblesianus* var. *peeblesianus* (Cactaceae, the cactus family). The shaded area shown on the map is T20N R18E-R20E, T19N R17E-R22E, T18N R17E-R22E, T17N R17E-R22E, and T16N R17E-R22E. Use limitations only apply within this area.



United States
Environmental Protection
Agency
(H7506C)
Washington, DC 20460

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