

US EPA ARCHIVE DOCUMENT

FREE PUBLIC REVIEW

DATE: IN _____ OUT _____ IN 3/1/77 OUT 9/26/77 IN _____ OUT _____
FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 7478-UA

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED 1/21/77

DATE OF SUBMISSION _____

DATE SUBMISSION ACCEPTED 2/25/77 3CID-2B-yes

TYPE PRODUCT(S): (I,) D, H, F, N, R, S _____

PRODUCT MGR. NO. James Rea - 13

PRODUCT NAME(S) Methoxychlor 10% Dust

COMPANY NAME Chem-Pak Company

SUBMISSION PURPOSE Use on fruit, vegetables, flowers and ornamentals, livestock, and dairy cattle.

CHEMICAL & FORMULATION 2, 2 - bis (p - methoxyphenyl) - 1, 1, 1 - trichloroethane and other isomers and reaction products (Methoxychlor)

- 1.0 Introduction
- 1.1 Methoxychlor, 2, 2 - bis (p - methoxyphenyl) - 1, 1, 1 - trichloroethane and other isomers and reaction products, Marlate, CAS 72 - 43 - 5, Ent 1716.
- 1.2 Percent active: 10% total
8.8% 2, 2 - bis (p - methoxyphenyl) - 1, 1, 1 - trichloroethane
1.2% other isomers and reaction products
- 1.3 For use on the following:
Fruit - blueberry, blackberry, raspberry, strawberry
Vegetables - beans, black-eyed peas, corn, cucumber, melons, squash, potato (Irish), sweet potato, tomato
Flowers and ornamentals - ex. roses, chrysanthemums, dahlias, shrubs, shade trees
Livestock and dairy cattle
- 1.4 Other environmental reviews:
4F1467 8/8/74
38338-EUP-1 6/16/77
8F0680 1/19/68, 12/30/68
9F0768 8/5/70
38338-EUP 2/19/76
- 2.0 Directions for Use
- 2.1 Apply at first sign of infestation (for fruits, begin at petal fall) and repeat at 7 to 14 day intervals as needed.
- 2.2 Do not apply to crops within the number of days specified before harvest or grazing as shown by PHL (Pre-Harvest Limitation).
- 2.3 Gardens. Apply to upper and lower surfaces of dry foliage in the morning or evening when it is cool.
- 2.4 Fruit. Blueberry, blackberry, raspberry, strawberry: PHL 14 days.
- 2.5 Vegetables. Beans, black-eyed peas: PHL 7 days. Apply within 3 days of harvest if vines are not used for food or forage. Apply 15 to 20 lbs./acre (1.5 to 2.0 lbs. a.i.) every 7-14 days.
- 2

Corn: PHL 7 days. Apply 20-30 lbs./acre. For insects attacking silks and ears, apply at 2-3 day intervals.

Cucumbers, melons, squash: PHL 1 day. Apply 10-20 lbs./acre.

Potato (Irish): PHL 1 day. 10-20 lbs./acre.

Tomato: PHL 1 day. 15-20 lbs./acre.

Sweet Potato: PHL none. 15-20 lbs./acre.

- 2.6 Flowers and ornamentals: Apply at 7-14 day intervals or as needed.
- 2.7 Livestock and dairy cattle: Sprinkle on poll, neck, back, and upper sides. Rub in lightly to carry powder beneath the hair. Repeat every 3 weeks as needed. Do not use on lactating dairy goats.
- 2.8 Keep out of any water body. Do not apply where runoff is likely to occur. Do not apply when weather conditions favors drift. Do not contaminate water by cleaning of equipment or disposal of wastes.
- 2.9 Do not reuse empty container.
- 2.10 Avoid storage near feed and food products.
- 2.11 Avoid use when honeybees are visiting the crop. Use after 2pm is recommended.
- 3.0 Discussion of Data
- 3.1 Data previously reviewed will not be validated at this review per Rogoff's memo to Doug Camp of August 12, 1977.
- 4.0 Conclusions
There is no new data referenced.
- 5.0 Recommendations

- 5.1 It appears that these uses have tolerances and have been on registered products labels for years. We see no new uses. We feel that this should be handled according to Mr. D. Camp's memo of May 13, 1977, which refers to Mr. Ed Johnson's memo of May 12, 1977.

REJ Fey 10/19/77

Ronald E. Ney, Jr. 9/26/77

Nancy Dodd 10/18/77

Nancy Dodd 9/26/77
Environmental Chemistry Section
EEE Branch