US EPA ARCHIVE DOCUMENT

Dec. 12/13/71

FTSanders:RENey:ow
12/13/71

Preliminary Evaluation of Naled for Registration

PP No. 1F1078, Reg. No. 239-1281
Submitted by Chevron Chemical Co.
Filed January 20, 1971

I. Introduction

1. See other petitions 0F0975 and 7F0532.

2. The petitioner is proposing the establishment of the following tolerances for residues of Naled and its conversion product 2,2-dichlorovinyl dimethyl phosphate, expressed as Naled.

Crop	PPM	PHI
Beans, Peas, Soybeans (Each is succulent form) crop group		
Number 10	0.5	1 day
Pea Vines	1.0	1 day
Hops	0.5	4 days
Safflower Seed	0.5	1 day

II. Directions for Use

Beans, Peas and Soybeans

Apply 1 to 1 1/2 pint per acre in water to cover. 100 gals. per acre is preferable.

Hops

Apply 1 pint per acre.

Safflower

Apply 3/4 pint per acre.

By air in 3 to 10 gals. spray per acre.
May be used up to 1 day of harvest.

Do not apply within 1 day of harvest on beans, peas, and soybeans in succulent form.

Shrimp and crab may be killed at application rates recommended. Do not apply where shrimp and crab are important resources.

Begin application at first sign of insects. Repeat as necessary. Do not apply within 4 days of harvest unless otherwise noted. Do not use with highly alkaline materials such as lime or bordeaux.

Birds feeding on treated areas may be killed.

Formulation and Name of Product

Dibrom 8 Emulsive (7.2 lbs Naled/gal).

Active Ingredients	
Naled	58%
Xylene	20%
Inert Ingredients	22%

III. Analytical Method

GC with cesium bromide TID. Se

IV. Discussion of Data

The residue studies submitted are as follows:

Product	Dibrom 8E
Number of Applications	1
Application Rates	1 to 3 lb A/A
Maximum Label Rate	1.5 lb A/A
Sampling Intervals	0, 1, 2, 3, & 4 days after treatment
Crop Parts Analyzed	peas - pods and vines, beans - green beans and vines, soybeans - whole plant including pods

Hops

Number of Applications	1
Application Rates	1 & 2 lb A/A
Max. Label Rate	1 lb A/A
Sampling Intervals	1 & 4 days
Crop Part Analyzed	Cones

Safflower

Number of Applications	1
Application Rates	1 & 2 lb A/A
Max. Label Rate	1 lb A/A
Sampling Intervals	0, 1, 3, & 16 days
Crop Parts Analyzed	Seed, Meal, and Oil

V. Conclusion

Data appears to support one application. Additional data may be needed to support multiple applications.

Note: A complete review of residue data has not been made.

VI. Recommendation

NAC Registration.

70-15 data.