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HEW: rjj
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**Evaluation for Registration for Compound 4072
Application of October 28, 1965
by Shell Chemical Co.
Registration No. 201-144**

DESCRIPTION

Compound 4072 has the chemical name 2-chloro-1-(2,4-dichlorophenyl) vinyl diethyl phosphate.

E. Thomas reviewed this application of 6/24/65 on 8/16/65 and had the following comments:

1. Submit raw data (chromatograms) for potatoes and cole crops which reflect treated, check and recovery samples.
2. Submit residue data on immature potatoes plants.
3. The directions on cole crops should be more restrictive as to cut off time.

On 12/22/65, Shell sent raw data and added a cut off time to cole crops as follows: "Do not apply later than two weeks after transplanting. In answer to residue data on immature potatoes Shell wanted us to define the stage of tuber maturity. This was described in a letter under Reg. No. 211-113. There will be no answer with this registration as on the use of compound 201 on potatoes is not included on the label.

RECOMMENDATION

It is recommended that the proposed use on cole crops be registration.