

Joint Exhibit 90



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 9, 2022

Ms. Niamh McMahon
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AMVAC Chemical Corporation
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Newport Beach, CA 92660

SENT VIA E-MAIL TO NiamhM@amvac.com, RETURN RECEIPT REQUESTED
SUBJECT: DCPA. Label Amendments for Plant Back Intervals (PBIs).

Dear Ms. McMahon:

This letter transmits the Agency's review, *DCPA. Label Amendments for Plant Back Intervals (PBIs)* of AMVAC's November 01, 2022 submission (*AMVAC Updated Proposed Label Amendments to Implement Plant-Back Intervals (PBIs) for Dacthal*). Both AMVAC's submission and the Agency's review concern data (OCSPP guidelines 860.1900, 860.1300, 860.1340 and 860.1480) required by the DCPA Generic Data Call-In (GDCI-078701-1140). A summary of the Agency's review follows below.

AMVAC's proposed label changes are summarized in the accompanying document. The PBIs and label statements proposed by AMVAC are acceptable if a few exceptions/additions are made for dietary burden assumptions. The necessary changes include:

1. Do not include the statements "*Do not rotate to wheat or barley if any part of that crop is to be used for animal feed;*" "*Do not graze animals on green forage or field stubble. Do not use or harvest treated crops for animal feed;*" and "*Do not use hay or straw for animal feed from areas treated with [dacthal end use product] within 365 days.*" on the proposed labels. Enforcement of such feeding restrictions is not considered practical. Consequently, EPA included contributions from rotational cereal crops in the dietary burden calculations.
2. Remove "Peas-" and "Beans-" specific PBIs from DCPA labels. Pea and bean commodities will be covered under "all other crops," with a 365-day PBI.
3. Remove "Carrots" from PBI tables and add the following label statement: "Do not rotate to carrots."
4. Remove "Turnip" from PBI tables. Turnips will be covered under "all other crops," with a 365-day PBI.

The statement “*Do not rotate to soybeans*” is acceptable label language. This restriction was necessary for estimation of anticipated secondary residues in livestock as no soybean commodities were used in calculations.

The results of the updated dietary burden calculations with AMVAC’s proposed PBIs and HED’s recommended changes result in sufficiently low anticipated residues in poultry that **a poultry metabolism study is not necessary if the proposed label changes are implemented.**

For ruminant commodities, the anticipated residues are higher than 0.001 ppm only for kidney, at 0.0024 ppm. While this level is not considered sufficiently low, goat metabolism studies reported that 98% of the kidney residue was metabolite MTP (W. Smith, March 17, 1995, D208554). This metabolite is expected to be rapidly excreted in the urine due to polarity considerations. Since kidney is the only commodity with anticipated residues higher than 0.001 ppm and because the residue is rapidly excreted, **a ruminant analytical method and feeding study is not needed with AMVAC’s proposed PBIs and the inclusion of the Agency’s changes to the label.**

AMVAC is also proposing the following statement will be removed from the label:

“**Replanting:** Replanting crops other than those included on this label in DACTHAL FLOWABLE treated soil within 8 months of application may result in crop injury. If replanting is required because of an early crop failure, the planting of onions, seeded cucurbits, potatoes, tomatoes, eggplants or peppers at this time may result in crop injury. However, all crops on this label may be planted following harvest of a DACTHAL FLOWABLE treated crop.”

This change is acceptable as specific PBIs are provided for several commodities that have inadvertent tolerances and those that do not are covered by rotational crop PBIs.

Please contact the Chemical Review Manager, James Douglass (douglass.james@epa.gov or 202-566-2343), if there are further questions related to DCPA.

Sincerely,



Cathryn Britton
Chief
Risk Management and Implementation Branch 5
Pesticide Re-evaluation Division
Office of Pesticide Programs

Attachment: DCPA. Label Amendments for Plant Back Intervals (PBIs).

cc: Jill Bloom, Team Leader, OPP/PRD/RMIB5
James Douglass, Chemical Review Manager, OPP/PRD/RMIB5