

US EPA ARCHIVE DOCUMENT

PP # 2F1230

3-8-73

March 8, 1973

PP #2F1230. Chlorothalonil on various crops. Amendment of 1/22/73.

Coordination Branch
& Toxicology Branch

The amendment is comprised of amended Section B and Section F.

In Section B, the petitioner's revised label imposes feeding and grazing restrictions for sugar beet tops and for the vines of lima and snap beans. In addition, the use of chlorothalonil on corn is restricted to sweet corn for the fresh market only and there are label restrictions against the feed uses of sweet corn forage and sweet corn ensilage. The existing tolerances for sweet corn and snap beans bear these same use restrictions.

This amendment withdraws the proposed tolerances for peanut vine hay, sugar beet tops and sweet corn forage as well as the proposed tolerances for milk, meat, fat, and meat by-products of cattle, goats, hogs, horses and sheep. The petitioner now proposes that the following tolerances be established.

Lima beans (in pods)	- 15 ppm
Snap beans	- 15 ppm*
Sugar beet	- 0.2 ppm
Peanut hulls	- 0.3 ppm

(*established tolerance level is 5 ppm)

As indicated in our last review (memo of W. S. Cox, 11/29/72), Chemistry Branch has recommended for the proposed tolerances for lima beans, snap beans, sugar beets and peanut hulls.

Toxicology Branch (in conference with the petitioner, 1/4/73), has decided that the available toxicological data do not support a recommendation for establishment of a milk tolerance at a level above 0.1 ppm. Because CB had concluded that the appropriate tolerance level for milk would be 0.15 ppm or more, TB could not recommend for the establishment of tolerances for certain feed and forage items (sweet corn forage, bean vines and sugar beet tops). The petitioner has resolved these deficiencies by withdrawing the proposed tolerances for corn forage, sugar beet tops, and the vines of lima beans and snap beans in addition to imposing feeding and foraging restrictions for those items. The other feed items for which tolerances have been

proposed or established (carrots, peanuts, peanut hulls, potatoes and sugar beets) are all in connection with "no-residue" situation uses. In addition, the edible seeds of lima beans would bear no finite residues of chlorothalonil or its metabolites.

Therefore, the proposed and established uses now fall into Category 3 of Section 180.6(a) with respect to meat, milk, poultry and eggs. Consequently, CB now recommends that the following tolerances be established for combined residues of the fungicide chlorothalonil and its metabolite 4-hydroxytrichloroisophthalonitrile:

lima beans and snap beans	- 15 ppm
peanut hulls	- 0.3 ppm
sugar beets	- 0.2 ppm

W. S. Cox
Chemistry Branch
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cc:
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PP #2F1230

WSCox:mae
3/8/73
RD/init:Puma/RSQuick
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