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EPA Notice of Intent to Suspend the Herbicide DCPA / Dacthal

Last Thursday April 28, 2022 the EPA issued a notice of intent to suspend (NOITS), which when effective, will prevent the sale, distribution, and use of the technical-grade product containing the pesticide dimethyl tetrachloroterephthalate (DCPA).

Please see all details of the NOITS by clicking the following link:

<https://www.epa.gov/pesticides/epa-issues-notice-intent-suspend-herbicide-dcpa>

Dacthal was first registered in 1958^[1] and we are constantly adjusting it to our changing cultural practices. Recently some evaluations were done of Dacthal's safety to iceberg lettuce applied Pre and Post-Transplanting. The product showed promising results. It is a mitotic inhibitor and kills germinating weeds by stopping cell division. This mode of action is similar to preemergence herbicides such as Prowl, Kerb, Balan, Trifluralin and others but its chemistry and how it moves in the soil differs. Dacthal is absorbed by both shoots and roots of germinating seedlings although most of the activity is from shoot absorption. When absorbed by the shoots, it will move upward into the plant. It is not absorbed by foliage and can be safely applied over the crop. Dacthal adheres strongly to soil particles. The best time to apply Dacthal is when the soil is moist but not saturated^[2].

We are also including in this update the [statement from registrant AMVAC Corporation for more information](https://www.amvac.com/news/amvac-regulatory-issues-statement-regarding-dacthal-dcpa) regarding notice of intent to suspend DCPA: <https://www.amvac.com/news/amvac-regulatory-issues-statement-regarding-dacthal-dcpa>.

References:

1. https://en.wikipedia.org/wiki/Dimethyl_tetrachloroterephthalate
2. <https://cals.arizona.edu/crop/vegetables/advisories/more/weed193.html>