

Chemical Factsheet

Chlorpropham (CIPC)

General Information

- Product Names:
 - Biox** (Pace)
 - Aceto spud nic-3 ec** (Aceto)
 - Spud Guard** (Dataplex)
 - Sprout Nip** (Loveland)
- Chemical Class: Carbamate Herbicide
- Uses: Control of mouseear chickweed in spinach, also used as part of an IPM method to decrease incidence of Botrytis infection (a fungal disease) in Easter lilies. As a plant growth regulator inhibits sprouting in stored potatoes and controls fruiting in ginkgo trees.
- Beyond Pesticides rating:

Health and Environmental Effects

See citations at end of document.

- Cancer: Not documented
- Endocrine Disruption: Not documented
- Reproductive Effects: Yes (1)
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Yes (1)
- Sensitizer/ Irritant: Not documented
- Birth/Developmental: Yes (1)
- Detected in Groundwater: Not documented
- Potential Leacher: Yes (2)
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Yes (1)
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - [EPA Reregistration Eligibility Decision \(RED\) Signed 10/1996](#)
- Supporting information:
 - PAN Pesticides Database: [CIPC](#) (Pesticide Action Network)
 - EXTOWNET [Chlorpropham Factsheet](#)

Gateway Health and Environmental Effects Citations

1. US EPA, Office of Prevention, Pesticides and Toxic Substances, Reregistration Eligibility Decisions (REDs), Interim REDs (iREDs) and RED Factsheets.

<https://archive.epa.gov/pesticides/reregistration/web/html/status.html>.

2. Extension Toxicology Network (EXTOWNET) Pesticide Information Profiles.

<http://extoxnet.orst.edu/pips/ghindex.html>

Factsheet generated on January 31, 2026