



Inputs & Safety

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38 entries

RESOURCE	WHAT IT IS	WHAT YOU GET
AAPCO state lead agency directory https://aapco.org	The association of state pesticide regulators, with the directory of every State Lead Agency.	Who actually enforces pesticide law in your state, and who takes the drift complaint.
AAPFCO https://www.aapfco.org	The association of state fertilizer regulators. There is no federal fertilizer registration; it is all state law, and AAPFCO writes the model rules behind every bag label.	What the guaranteed analysis and derived-from statement legally mean, and who your state control official is.
BIRC least-toxic products directory http://www.birc.org	The venerable nonprofit's directory of two thousand least-toxic pest control products: traps, pheromones, and biocontrols by pest.	Who sells the gentle option for your particular pest.
BPIA (Biological Products Industry Alliance) https://www.bpia.org	The trade association for biopesticide and biostimulant makers, with educational webinars on how biologicals actually work. Industry perspective.	Track the biologicals category as it grows up.
California DPR product database https://apps.cdpr.ca.gov/docs/label/labelque.cfm	California's pesticide product database, the most extensively documented state system in the country, updated weekly.	California growers verify registration here; everyone else uses it as the deepest free product research tool.
CDMS Label Database https://www.cdms.net/Label-Database	Manufacturer-fed labels and safety data sheets, including supplemental labels. Same caveat as Greenbook: industry convenience, official label authoritative.	Fast PDFs for the spray-shed binder.
CleanWater3 greenhouse water resources https://www.cleanwater3.org	The university alliance on greenhouse and nursery irrigation water: quality, treatment, recycling, and runoff.	Diagnose water-quality trouble in recirculating systems before it wrecks a crop.
CropLife America https://www.croplife.org	The trade association of pesticide manufacturers: the industry's advocacy and communications arm. Listed here as the industry perspective, not a neutral safety reference.	What the manufacturers are advocating, from the source.
e-GRO https://www.e-gro.org	The greenhouse collaborative's real-time alerts, nutritional and disease diagnostic guides, and grower apps.	Research-based alerts written for enclosed production, in season.
EPA Bulletins Live! Two https://www.epa.gov/endangered-species/bulletins-live-two-view-bulletins	EPA's map of geographically specific, legally enforceable pesticide use limitations for endangered species. When a label says check Bulletins Live, the bulletin is part of the label.	The enforceable local restrictions for your county and month, increasingly referenced since 2024.
EPA minimum risk pesticides (25(b)) https://www.epa.gov/minimum-risk-pesticides	Why that cedar-oil product has no EPA number: the exempt minimum-risk class, explained, with the allowed ingredient lists. Most states still require state registration of these.	Sanity-check the natural products before you rely on them.
EPA pesticide discharge permitting tool https://www.epa.gov/npdes/pesticide-permitting-permitting-decision-tool	The interactive answer to whether your pesticide use needs a Clean Water Act permit. For normal field application, it does not; ponds and ditches change things.	Peace of mind, or fair warning, in ten minutes of clicking.

EPA Pesticide Product Label System https://ordspub.epa.gov/ords/pesticides/f?p=PPLS:1	EPA's archive of a hundred seventy thousand accepted pesticide labels, searchable by product, registration number, company, or active ingredient. The label is the law. There is a public API.	Pull the current federal label before you buy or spray: crop sites, rates, reentry and preharvest intervals.
EPA Worker Protection Standard manual https://www.epa.gov/pesticide-worker-safety/pesticide-worker-protection-standard-how-comply-manual	The plain-language federal manual for the Worker Protection Standard, explicitly covering greenhouses and mushroom houses, with the owner-and-immediate-family exemption spelled out.	Figure out which duties actually apply to your operation; many homesteads are exempt.
FDA FSMA raw manure rules https://www.fda.gov/food/food-safety-modernization-act-fsma/raw-manure-under-fsma-final-rule-produce-safety	The federal food-safety rules for biological soil amendments, with the manure application-to-harvest intervals.	Know the ninety and one-twenty day manure intervals, and whether your farm is even covered; many small farms are exempt.
FieldWatch registration https://fieldwatch.com/who-we-serve/	The registration side of the FieldWatch map: put your specialty crops on DriftWatch and your hives on BeeCheck so applicators see you before they spray.	The single highest-leverage free protective action for a small grower near row-crop country.
Greenbook https://www.greenbook.net	An industry-maintained label and safety-data-sheet database searchable by crop, pest, and active ingredient. Convenient, but the EPA and state label remain the authority.	Season planning: find what is labeled for aphids on lettuce, then verify against the official label.
IR-4 Project https://www.ir4project.org	The federal and land-grant program that gets pest controls registered on specialty crops; responsible for about half of all specialty crop registrations, and it takes requests from growers.	When nothing is labeled for your crop and pest, IR-4 exists to fix exactly that. File a Project Clearance Request.
Kelly Registration Systems https://www.kellysolutions.com	The private company that hosts the official pesticide and fertilizer registration databases for around thirty-nine state agriculture departments. Official state data, commercial plumbing.	Your state's actual registration lookup, for most states.
Midwest Vegetable Production Guide https://mwvegguide.org	The annually updated multi-state commercial vegetable guide: what is labeled and recommended this year, crop by crop. Every region has an equivalent; this one and the Southeastern handbook are free online.	The current year's spray and variety book, free, updated every winter.
NOP National List https://www.ams.usda.gov/rules-regulations/national-organic-program-national-list-allowed-and-prohibited-substances	The organic regulation's substance list itself: what is allowed, restricted, and prohibited, at the substance level rather than the brand level.	The ground truth under OMRI and every certifier's opinions.
NPIC (National Pesticide Information Center) https://npic.orst.edu	Objective pesticide science from Oregon State and EPA: fact sheets on nearly every active ingredient, and a live hotline, 1-800-858-7378, with a human who does this all day.	Someone qualified to call about an exposure, a label term, or whether something is safe around the dog. Almost nobody knows this exists.
NPIRS state pesticide registration https://www.npirs.org/state/	One search across most states' pesticide registration data. Federal registration is not enough; the product must be registered in your state too.	Answer 'is this registered in MY state' without hunting through fifty ag department sites.
NYSPAD (New York pesticide database) https://dec.ny.gov/environmental-protection/pesticides/product-registration	New York's pesticide administration database, with the state-approved label PDFs. New York often lags or restricts beyond the federal label.	New York growers confirm registration and download the New York specific label.

OMRI Products List https://www.omri.org/omri-lists	The independent nonprofit review of input products against organic standards, searchable free. Note it is a paid review service for makers: absence from the list does not mean prohibited.	The default 'can I use this and keep my certification' check.
OSU Organic Fertilizer and Cover Crop Calculator https://extension.oregonstate.edu/catalog/pub/em-9235-osu-organic-fertilizer-cover-crop-calculator-predicting-plant-available	Oregon State's calculator predicting plant-available nitrogen from organic amendments and comparing cost per pound.	Turn a soil test and a pallet of options into an application plan with honest math.
PERC (Pesticide Educational Resources Collaborative) https://www.pesticideresources.org	The official free Worker Protection Standard training library: EPA-approved videos and manuals, English and Spanish.	The compliance training people pay consultants for, sitting free, if you have even one non-family employee.
Pesticide Environmental Stewardship https://pesticidestewardship.org	The multi-university site on drift, sprayer calibration, storage, and disposal.	Teach yourself calibration and drift management the right way, free.
Pesticide Properties DataBase https://sitem.herts.ac.uk/aeru/ppdb/	Free academic data on eighteen hundred active ingredients: environmental fate, bee toxicity, leaching potential. The numbers behind the label warnings. European regulatory fields differ from US status.	Compare two actives on bee toxicity or groundwater risk before choosing. Virtually unknown outside academia.
Produce Safety Alliance https://producesafetyalliance.cornell.edu	The Cornell-led national training collaborative for the FSMA Produce Safety Rule; its grower training is the standard course.	The class that satisfies the federal training requirement, plus free fact sheets.
PubChem https://pubchem.ncbi.nlm.nih.gov	NIH's giant open chemistry database: toxicity, hazard classifications, and literature for any chemical, pesticide actives included, with a full REST API.	The deep dive on one chemical when you want the primary numbers.
Regional IPM Centers https://www.ipmcenters.org	Four USDA regional centers with crop profiles and pest management strategic plans tuned to each region.	The IPM playbook for your crop in your region, not a national average.
TFI and 4R Nutrient Stewardship https://nutrientstewardship.org	The fertilizer industry's stewardship framework: right source, rate, time, place. The framework is sound agronomy that extension endorses; the sponsor is the industry's advocate. Both things are true.	A memorable frame for nutrient decisions, provenance understood.
UC IPM Bee Precaution Ratings https://ipm.ucanr.edu/bee precaution/	Expert-reviewed ratings of active-ingredient toxicity to honey bees, adult and brood, often stricter than the label language.	Among the legal options, pick the one least hazardous to your bees, and time it right.
US Composting Council STA program https://www.compostingcouncil.org/page/STARrequirements	The Seal of Testing Assurance: participating compost producers test to standard methods and publish a technical data sheet. Producer-disclosed testing, not government certification.	Buy compost with actual lab numbers. Ask any supplier for their data sheet; the good ones have it.
USDA Organic INTEGRITY Database https://organic.ams.usda.gov/integrity/	The registry of every certified organic operation and certifier worldwide, with an API and full downloads.	Verify a supplier's organic certificate is real and current, or find a certifier.
WSDA organic input list https://agr.wa.gov/departments/organic/resources	Washington State's brand-name materials review, the other list certifiers accept nationally.	Cross-check inputs that are not on OMRI; many compliant products appear on only one of the two.
Xerces pesticide and pollinator guides https://xerces.org/pesticides	Guides to minimizing pesticide risk to pollinators and beneficials, including the uncomfortable truth about which organic pesticides still hurt bees.	Honest answers on spinosad and pyrethrins, and habitat alternatives to spraying.

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