



Forest Service
U.S. DEPARTMENT OF AGRICULTURE

2023 Forest Pesticide Updates

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REGULATORY & RESEARCH UPDATES:

EPA
APHIS
ARS
BLM
CA DPR



USFS INVESTMENTS



Final Guidance for New Pesticide Applications and Registration Review Activities that Require Endangered Species Act Reviews

- Improves efficiency of ESA analyses for new pesticide active ingredient applications and active ingredients undergoing registration review
- Meets requirements outlined in the Pesticide Registration Improvement Act of 2022 (PRIA 5) and furthers goals outlined in EPA's 2022 ESA Workplan to protect listed species from exposure to pesticides.





FUNGAL WEED BIOCONTROL AGENT REGULATORY ISSUES

“Eukaryotic plant pathogens...that are used for the biological control of weeds...are defined as “pesticides” by FIFRA. **Therefore, the sale and distribution of these bio-control agents requires a safety evaluation and approval (i.e., registration) by the U.S. EPA...**”

- Bio-control agents **are already regulated** by USDA APHIS (7 CFR §330.200)
- Pesticide **registration is a lengthy and expensive** process, even with the reduced toxicity testing requirements applied to microbial pesticides.



Canada thistle (*Cirsium arvense*) leaves with *Puccinia punctiformis* rust



Plant Incorporated Protectants

Exemptions from Registration of Certain Plant-Incorporated Protectants Derived from Newer Technologies:

“EPA is exempting a class of plant-incorporated protectants (PIPs) that have been created using genetic engineering from certain registration requirements under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), and from the requirements to establish a tolerance or tolerance exemption for residues of these substances on food or feed under the Federal Food, Drug, and Cosmetic Act (FFDCA).”





FEDERAL REGISTER NOTICE ON EA FOR KNOTWEED BIOCONTROL

Supplemental Environmental Assessment for release of *Aphalara itadori* from Murakami, Japan for the biological control of Japanese, giant, and bohemian knotweeds in the contiguous U.S.

- *A. itadori* from Murakami, Japan **may be more effective than the present Hokkaido and Kyushu lines** of *A. itadori* in reducing infestations of knotweeds.



Aphalara itadori adult
(Grevstad et al., 2012)





DRAFT PROGRAMMATIC EIS FOR APPROVAL OF HERBICIDE ACTIVE INGREDIENTS

- aminocyclopyrachlor
- clethodim
- fluozifop-p-butyl
- flumioxazin
- imazamox
- indaziflam
- oryzalin



NEW FUMIGANT CATEGORIES FOR QAL/ QAC

Soil Fumigation
(Category L)

Non-Soil
Fumigation
(Category M)

New Fumigant Categories for QAL and QAC!

If you use any pesticide labeled as a fumigant, you must obtain these new categories by January 1, 2024.

- ⚙️ Review the Qualified Applicator License/Certificate Fumigation Categories document to determine which category(ies) you need.
- ⚙️ Use the NEW application form(s) to apply for the Soil Fumigation (Category L) and/or Non-Soil Fumigation (Category M) examination(s).
- ⚙️ Visit DPR's Certification and Training webpage for information on study manual availability.



Scan the QR code or click the link below for more information on the new regulations.

Stay in compliance! Don't take a summer break on your licensing requirements!

PROPOSED REGULATION TO PROVIDE PUBLIC ACCESS TO PESTICIDE INFORMATION PRIOR TO APPLICATIONS

Proposes a statewide system that will provide the public with information prior to intended applications of **restricted material pesticides.**

You can submit written comments by Jan. 12 to dpr23003@cdpr.ca.gov.

Or attend an upcoming meeting:

Dec. 13, 4:30 p.m. Clovis

Dec. 14, 4:30 p.m., Ventura

Dec. 19, 4:30 p.m., via Zoom



French Broom Biocontrol—2024?



French Broom. (Photo courtesy of the European Biological Control Laboratory)



Lepidapion argentatum is both a gall maker and a seed feeder





USFS INVESTMENTS



“Observing Tree Diseases with a Stump Buster”

Listen here:

<https://tinyurl.com/5n7bs3mj>





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Pesticide-Use Risk Assessment Documents and Worksheets:

HERBICIDES	DOCUMENTATION/WORKSHEET
Aminocyclopyrachlor	Aminocyclopyrachlor (1.8 MB PDF) Aminocyclopyrachlor EPA Bibliography (32 Worksheet (Attachment 1) (2.3 MB xlsx) Worksheet (Attachment 2) (1.7 MB xlsx)
Aminopyralid	Aminopyralid (1.38 MB PDF) Worksheet (5.5 MB xls)
2,4-D	2,4-D (1.4 MB PDF)
Chlorsulfuron	



SERA TR 98-21-25-01d

VERBENONE - Human Health and Ecological Risk Assessment FINAL REPORT

Prepared for:

USDA, Forest Service

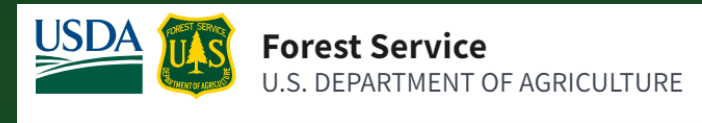
Task No. 25
USDA/FS Contract No. 53-3187-5-12
USDA/FS Order No. 43-3187-0-0116

June 27, 2000



USFS INVESTMENTS

FY23 Forest Health Protection Grants/Agreements (CA)



Pacific Southwest Research Station





USFS INVESTMENTS

Training Opportunities

NEPA 101 for Pesticides:

December 11, 2023



General Pesticide Safety Training: Jan – May, 2024



National Forum for Biological Control:

March 12-14, 2024

