



Reduced-Risk Pesticides

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A [pesticide](#) is any material intended to prevent, destroy, repel, or mitigate any pest, which is defined as a living organism that occurs where it is not wanted or that causes damage to crops, humans, or other animals.

The [Environmental Protection Agency \(EPA\)](#) is required by law to evaluate any pesticide before it can be marketed and used in the United States to assure that its use will not pose unreasonable risks of harm to human health and the environment. This registration process involves an extensive review of health and safety information.

The EPA reviews and registers all types of pesticides including insecticides, miticides, biopesticides, fungicides, antimicrobials, disinfectants, plant regulators, nematicides, fumigants, rodenticides, herbicides, etc. EPA gives priority in its registration program to pesticides that meet the [Reduced Risk Criteria](#) which include:

- low impact on human health
- lower toxicity to non-target organisms (birds, fish, plants)
- low potential for groundwater contamination
- low use rates
- low pest resistance potential
- compatibility with [Integrated Pest Management \(IPM\)](#) practices

An EPA goal is to quickly register commercially viable alternatives to riskier conventional pesticides and to ensure these [Reduced Risk Pesticides](#) are available to growers as soon as possible. [Note: The Reduced Risk Program does not apply to biological or antimicrobial pesticides, which go through separate review and regulatory decision-making processes.]

Many factors should be considered when selecting a pesticide to use in grape production. One of these factors is the inherent risks of the pesticide. The following is a list of pesticides labeled for use on grape that are considered 'reduced risk' pesticides by the EPA.

'Reduced Risk' Pesticides registered for grapes.

Fungicides	Insecticides/Miticides	Herbicides
Abound	Acramite	--
Elevate	Assail	
Endura	Avaunt	
Flint	Clutch	
Quintec	Confirm	
Revus	Intrepid	
Scala	Delegate	
Vanguard	Movento	
	Success	
	Venom	
	Zeal, Zeal Miticide 1	

Note: Not all products are registered in each state; check to see if pesticide is registered in your state before purchase/use. Since there are changes to this list over time, please check the EPA website for any updates.



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Where trade names or commercial products are used for identification, no discrimination is intended and no endorsement is implied. Always read the label before using any pesticide. **The label is the legal document for the product use. Disregard any information in this article if it is in conflict with the label.**

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