

Year-Round IPM Programs



From the University of California
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Why?

Year-round IPM programs are a new tool on the UC Statewide IPM Program web page designed to help growers carry out a comprehensive IPM program on their farm. Developed for specific crops, each Year-round IPM program guides users through a year of monitoring pests, making management decisions and planning for the following season. The programs also outline practices to reduce water quality risks and other environmental problems. They are the University of California's "Best Management Practices" for integrated pest management.

Growers can use the annual checklist as a tool for working with their pest control adviser or consultant to ensure that all elements of an IPM program are considered. They can also use the checklist to document procedures for IPM certification programs or USDA/NRCS conservation programs. Year-round IPM programs help UC IPM advisors teach IPM concepts in the field.

What's in a year-round IPM Program?

- An annual IPM checklist for planning and evaluating an IPM program
- Detailed monitoring instructions that include decision thresholds
- Monitoring forms to print and use in the field to keep records
- Printable color photo sheets to identify pest problems and natural enemies
- Application checklist to identify ways to mitigate negative impacts of pesticides
- Pest management guidelines with suggestions for nonchemical and pesticide alternatives
- Designation of pesticide mode of action groups and impacts on natural enemies
- WaterTox database to compare available options according to potential to damage water quality

WaterTox Database

What Crops?

- Currently: almonds, cotton, grapes, peaches, prunes, plums
- Under way: alfalfa, avocado, nectarines, pears, strawberries, tomatoes, walnuts
- Goal: Year-round IPM programs for all major California crops

Impacts on BC

Record forms

Record forms

Photo ID sheets

Monitoring procedures

ORTIMENT DECISION TABLE (% infected shoots)		
Test	Treatment Threshold	Treatment
soybean rust (earmold)	24% or more	No spray
	Over 24%	Oil spray
overwintering melt eggs	Below 20%	No spray
rice mill scale	20% and over	Oil spray
rice blast		
rice sheath blight		
Harvested before	Harvested after	
June 13	June 13	
		No treatment
Below 20%	Below 1%	
20-40%	3-10%	
		Oil at 4 percent
		Oil at 4 percent + 0.5% propiconazole

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