

Cranberry Production in the PNW

Latest trends in crop production: Strong demand for cranberries and cranberry products continues. Expansion of new acres, however, has been limited due to wetland restrictions and cost. Bed renovations have occurred instead. Planting of improved germplasm and use of DNA-certified vines will help minimize the problems with off-types. Production in Washington has always been limited by non-ideal growing conditions along the coast.

Cranberry pest control highlights and overview.			
	New transitions in pest management	Current problems	Additional/future concerns
Weeds	Registration of Callisto has solved many of the industry's major weed problems and resulted in millions of dollars in savings from crop losses and herbicide damage.	Two major weeds are still problematic (Yellow Loosestrife & False Lily of Valley); significant crops losses (5 to 50%) are still occurring with these weeds on infected beds. Yellow Weed occurs in ~ 1/5 th of the beds in OR and WA.	Manufacturers of specialty granular products for cranberries (Evital & Devrinol) are likely to cease production.
Insects	Registration of Avaunt and Assail has provided the first really effective control of Blackvine Weevil since the loss of DDT. Big savings to the industry is anticipated. Registration of Delegate provides for the first really effective insecticide that could replace the use of OPs via chemigation for fireworm control.	With the recent loss of Diazinon 14G, there is no effective control for cranberry girdler, nor is there anything in the pipeline. Cranberry Tipworm is becoming more problematic.	Surface water monitoring of drainage ditches coming off of cranberry beds continues to find very small trace amounts of OPs. These ditches have been 303D-listed.
Pathogens	New registrations for Cottonball have eliminated it as a significant pest.	Fresh fruit production is still limited by field rot and storage rot. Current fungicide options have only had a minor impact in reducing these losses.	Loss of any traditional fungicides would have a significant effect on production.

Pesticide status for cranberries in the PNW			
	Herbicides	Insecticides	Fungicides
Lost registrations since 2000	Princep, Weedar 64	Guthion, Diazinon 14G	
New registrations since 2000	Callisto	Avaunt, Delegate, Assail, Admire, Success, Actara	Orbit, Indar, Abound
Products currently in IR4 queue	Quinclorac, Chlorimuron	Novaluron, Clothianidin, Spirotetramat, Cyazypyr, Rynaxypyr, Dinotefuran	