
Permethrin Use in Hawaii

Date: March 15, 2006

To: [Jacqueline Guerry](#)

Cc: [Rick Melnicoe](#); [Wilfred Burr](#); [Rebecca Sicso](#); [Keith Dorschner](#); [Mike Kawate](#)

From: [Cathy Tarutani](#)

Subject: Permethrin proposed crop label changes

Attachment

Dear Jackie,

In Hawaii, there is much concern about the impacts of the proposed permethrin use changes.

I have re-attached the spreadsheet with the affected crops in Hawaii highlighted in yellow.

The reduction of maximum rates may impact farmers in Hawaii of these crops by limiting the pest management tools necessary to control year-round pest pressure. I don't think the proposed reductions would have much impact if the affected crops were grown in an area which did not have year-round production. Some of the insect pests managed by permethrin in Hawaii are corn thrips, corn earworm/tomato fruitworm, various caterpillar and leafhopper/planthopper insect pests.

The use of permethrin on cucurbits has become more critical since the introduction of the pickleworm a few years ago. The pickleworm can be very damaging to all cucurbit crops and starts by attacking fruit at the flowering stage. The reduction in allowable permethrin use would affect approximately 6,000 acres of vegetables and melons grown in Hawaii and 3,500 acres of seed corn (an industry valued at over \$60M annually).

Have we provided sufficient information to address this issue? It is likely that we can get more specifics, in particular about use of permethrin by our seed corn industry, the single most important user of permethrin in Hawaii. However, it may be difficult to meet tomorrow's deadline since some seed corn production is on Kauai. While not in the area devastated by yesterday's flooding, the island has been impacted by weeks of heavy rain. Will there be an opportunity to submit more information?

We welcome the opportunity to work with you again. Please contact us if you have further questions.

Thank you,
Cathy

[Cathy Tarutani](#)

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CROP	RATE PER APPLICATION Proposed Range	RETREATMENT	Apps (seasonal max lb AI/A)		Comments	
		INTERVAL Proposed	Proposed Max	Current Max		
Alfalfa	0.1-0.2 lb ai/A	30 days	0.2 per cutting	0.2 per cutting		
Almonds	0.2-0.25 lb ai/A	10-15 days	0.75	2.0 (0.8 during hull split)		
Hazelnuts (Filberts)	0.2-0.25 lb ai/A	10-15 days	0.75	1.6		
Pistachios	0.2-0.25 lb ai/A	10-15 days	0.75	1.6		
Walnuts	0.2-0.25 lb ai/A	10-15 days	0.75	1.6		
Apples	0.1-0.25 lb ai/A	10-15 days	0.5	0.6		
Pears	0.2-0.25 lb ai/A	10-15 days	0.5	0.8		
Cherries	0.1-0.15 lb ai/A	10-15 days	0.45	1.2		
Peaches/Nectarines	0.1-0.25 lb ai/A	10-15 days	0.75	1.5		
Artichokes	0.1-0.25 lb ai/A	10-15 days	0.75	1.5		
Asparagus	0.05-0.1 lb ai/A	10-15 days	0.2	0.4		
Avocados	0.15-0.2 lb ai/A	10-15 days	0.6	1.2		
Cole Crops	Broccoli	0.05-0.1 lb ai/A	10-15 days	0.4	0.8	UPI may seek to increase rate range to 0.05 to 0.2 lb ai/A by future amendment
	Brussels sprouts	0.05-0.1 lb ai/A	10-15 days	0.4	0.8	UPI may seek to increase rate range to 0.05 to 0.2 lb ai/A by future amendment
	Cabbage	0.05-0.2 lb ai/A	10-15 days	0.4	1	
	Cauliflower	0.05-0.1 lb ai/A	10-15 days	0.4	0.8	UPI may seek to increase rate range to 0.05 to 0.2 lb ai/A by future amendment
Cucurbits	Cantaloupes	0.1-0.15 lb ai/A	10-15 days	0.75	1.6	
	Cucumbers	0.1-0.15 lb ai/A	10-15 days	0.75	1.6	
	Pumpkins	0.1-0.15 lb ai/A	10-15 days	0.75	1.6	
	Squash	0.1-0.15 lb ai/A	10-15 days	0.75	1.6	
	Watermelons	0.05-0.15 lb ai/A	10-15 days	0.75	1.6	
	Eggplant	0.1-0.15 lb ai/A	10-15 days	0.6	2	
	Peppers	0.1-0.15 lb ai/A	10-15 days	0.6	1.6	
	Tomatoes	0.05-0.2 lb ai/A	7-10 days	0.6	1.2	

Leafy (ex. Brassica)	Celery	0.05-0.2 lb ai/A	10-15 days	0.6	2	
	Lettuce	0.05-0.20 lb ai/A	10-15 days	0.8	2	
	Spinach	0.05-0.2 lb ai/A	10-15 days	0.6	2	
	Collards	0.05-0.15 lb ai/A	10-15 days	0.4	0.8 (0.4 in SC, GA, FL WA)	
	Greens, Turnip	0.05-0.15 lb ai/A	10-15 days	0.4	0.8 (0.4 in SC, GA, FL WA)	
	Corn	0.1-0.15 lb ai/A	10-15 days	0.45	0.6	
	Sweet Corn	0.1-0.15 lb ai/A (0.1-0.2 in FL)	10-15 days	0.6 (0.8 in FL)	1.2	
	Garlic	0.1-0.2 lb ai/A	10-15 days	0.8	2	
	Onions	0.1-0.2 lb ai/A	10-15 days	0.8	2	
	Horseradish	0.1-0.15 lb ai/A	10-15 days	0.45	0.6	
	Papaya	0.15 lb ai/A	10-15 days	0.45	1.2	
	Potatoes	0.1-0.2 lb ai/A	10-15 days	0.75	1.6	
	Soybeans	0.05-0.15 lb ai/A	10-15 days	0.3	0.4	
	<i>Apricots</i>					not a registered use
	<i>Beans, Green</i>					not a registered use
	<i>Carrots</i>					not a registered use
	<i>Chicory</i>					not a registered use
	<i>Cotton</i>					not a registered use
	<i>Grapes</i>					not a registered use
	<i>Peas, Green</i>					not a registered use
	<i>Pecans</i>					not a registered use
	<i>Prunes/ Plums</i>					not a registered use
	<i>Sorghum</i>					not a registered use
	<i>Strawberries</i>					not a registered use
	<i>Tobacco</i>					not a registered use
	<i>Chicken</i>					not a registered use