

PLANT & PEST ADVISORY

CRANBERRY EDITION \$1.50

MAY 11, 2006



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Kerb 50WP for Dodder Control

Bradley A. Majek, Ph.D., Specialist in Weed Science

A section 18 Emergency Exemption label has been received for the use of Kerb 50WP for the control of **dodder** in cranberry beries. Kerb 50WP should be applied as a single or split application through the irrigation system (chemigation) or through a ground driven boom sprayer calibrated to deliver between 20 and 50 gallons per acre. Application should be made after the winter flood has been withdrawn, but prior to dodder emergence.

Apply Kerb 50WP at a rate of 1.0 to 1.5 lb of product per acre (0.5 to 0.75 lb ai/acre) when a single application is planned. When a split application will be used, apply 1.0 lb of product per acre (0.5 lb ai/acre) each time for a total of 2.0 lb of product per acre (1.0 lb ai/acre). The first application, in the split treatment should be applied after the winter flood has been withdrawn, but prior to dodder emergence. The second application should be applied as late in June as possible, maintaining the 120-day pre-harvest interval (PHI).

- Kerb 50WP should only be applied with a sprayer calibrated to deliver 20 to 50 gallons per acre to prevent misapplication.
- DO NOT apply more than 1.5 lb of product (0.75 lb ai/acre) in a single application.
- DO NOT apply more than a total of 2.0 lb of product (1.0 lb ai/acre), as a split application, in one year.
- This product is for agricultural use. Confine applications to the cranberry bog.
- Read and follow all **Specific Use Restrictions** on the Kerb label.
- Obtain a copy of the label from your county Agricultural Agent or farm supply dealer. ☐

Insect Update

Cesar Rodriguez-Saona, Ph.D., Specialist in Entomology and Dan Schiffhauer, Agricultural Specialist, Ocean Spray Cranberries

Our sweep net samples in the last few weeks revealed the presence of **gypsy moth** and **cranberry blossom worm** larvae on several bogs. At this time, most of these larvae are very young and found in very low numbers. **Blackheaded fireworm** has shown up on some of the earliest drawn beds and should begin to appear in the next week or so. Most insect pests show up once cranberry beds get past budbreak and New Jersey beds are not quite there at this point.

All farms inspected had populations below the recommended threshold of an average of 4 to 5 **cutworms** (false armyworm, cranberry blossomworm) and gypsy moth caterpillars in sets of 25 sweeps (1 sweep set is recommended per acre). We expect larval populations to keep going up in the next 1-2 weeks.

It is too early to use an insecticide to suppress these caterpillars. If you use an insecticide too soon, you may have to go with a second application later during the pre-pollination period (for later emerging larvae). We recommend waiting for at least another week and then deciding what areas/bogs require an insecticide intervention depending on infestation levels.

BE AWARE that there have been a few important changes on insecticides registered for use in 2006 on

Correction Notice: The introductory paragraph of the Insect Update in the 4/27/06 issue of the Cranberry edition should read: *Be Aware: azinphos-methyl and its formulations (azinphos-M 50W, guthion 50WSP) will be cancelled on 9/30/06. existing stocks should be used up this cropping year.*

cranberries (this information was provided by the Cranberry Institute):

Guthion (Azinphos-methyl) products will be cancelled for use in cranberries at the end of the 2006 crop year (9/30/06). If you are planning on using Guthion or a Guthion formulation, do not buy more insecticide than you can use this season, also plan to use all the insecticide that you have in stock.

Orthene will be available in the "97" formulation, the old "75" formulations have been discontinued. You may and should use up the "75" formulations that you may have on hand. A state label in New Jersey allows for the shorter 75 day PHI, but you are limited to only one application whether you choose the 75 or 90 day PHI.

3M Sprayable Sparganthis mating disruption pheromone product has been discontinued. □

Weather Summary For The Week Ending 8 am Monday 5/ 8/ 6

WEATHER STATIONS	RAINFALL			TEMPERATURE				GDD BASE50		MON %FC
	WEEK	TOTAL	DEP	MX	MN	AVG	DEP	TOT	DEP	
CANOE BROOK	.00	4.37	-5.23	84	38	60.	3	252	182	78
CHARLOTTEBURG	missing									
FLEMINGTON	.00	5.83	-3.34	83	35	60.	3	236	159	83
NEWTON	.00	4.20	-4.22	81	37	58.	3	184	139	79
FREEHOLD	.00	4.77	-4.33	81	34	59.	1	257	148	78
LONG BRANCH	.21	5.83	-3.57	78	42	57.	0	191	103	68
NEW BRUNSWICK	.00	4.36	-4.46	83	39	61.	2	280	150	81
TOMS RIVER	.00	4.52	-4.64	79	39	59.	1	236	141	61
TRENTON	.00	5.02	-3.22	82	38	61.	1	285	133	59
CAPE MAY COURT HOUSE	.00	3.08	-4.92	79	39	59.	0	259	128	62
DOWNSTOWN	.00	3.83	-4.41	82	37	60.	0	284	123	65
GLASSBORO	.00	4.55	-4.16	81	43	63.	3	344	192	60
HAMMONTON	.00	3.97	-4.50	82	38	61.	2	296	150	60
POMONA	.00	3.82	-4.21	81	38	59.	1	257	145	62
SEABROOK	.00	4.53	-2.88	82	41	63.	3	387	223	60
SOUTH HARRISON	.00	4.27	-4.10	82	41	62	NA	354	NA	NA
WES KLINE — GDD BASE 40 PINEY HOLLOW LAST WEEK 93 (Ending 5/1/06) THIS WEEK 143 (Ending 5/8/06)										

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