

VegNet is a pest and disease monitoring and reporting network serving the processed vegetable industry, provided by the Oregon State University Extension Service, and funded by the Oregon Processed Vegetable Commission. VegNet is available on the net: <http://extension.oregonstate.edu/linn> Go to commercial vegetables then VegNet. If you have questions or suggestions, and if you would like to add or remove your name from this newsletter mailing list, Contact: Dan McGrath, OSU Extension, PO Box 765, Albany, OR 97321 phone (503) 931-8307; email daniel.mcgrath@oregonstate.edu

Broccoli and Cauliflower

At the end of August and early September, Cabbage Looper, Diamondback moth, and Cabbage white butterfly counts were still a little above average.

Most broccoli for processing has been harvested. The growers did a good job of adjusting their spray programs. Insect contamination of Willamette Valley broccoli was relatively low.

Late cauliflower plantings were hit pretty hard by an intense cabbage maggot flight. We are not at this time monitoring cabbage maggot. We will take a hard look at monitoring options for next year.

Sweet Corn

Corn earworm pressure is normal for this time of year. Overall, earworm pressure has been relatively low compared to other years.

Generally, processed sweet corn growers do not apply insecticides for earworm. Fresh market sweet corn growers apply between one and four insecticide sprays for earworm.

For fresh market sweet corn, we recommend that growers apply an insecticide at first silk regardless of earworm moth counts. Second, third, and fourth insecticide applications can be based on an action threshold of five moths per trap per day (using a wire mesh haystack style moth trap).

VEGNET 2009

Week of Aug 24, 2009 Willamette Valley, Oregon

	Aurora	Dayton	MtAngel	Gervais	Stayton	Dever	Corvallis
BCW	0.00	0.00	0.50	0.00	0.00	0.25	na
CEW	1.50	1.43	0.00	0.14	0.88	8.88	na
PHX	0.00	0.00	0.00	0.00	0.00	0.00	na
12S-YST	1.00	0.57	2.63	0.29	0.38	0.75	na
12S-SN	1.25	na	0.25	0.00	na	na	na
CL	5.83	na	4.50	31.43	0.13	0.13	na
AL	1.33	na	0.25	0.14	0.00	0.00	na
DBM	10.00	na	0.00	36.43	0.25	27.25	na
BAW	0.00	na	1.38	0.00	0.13	0.00	na
VCW	0.17	na	0.63	0.14	0.00	0.25	na
CWB/2min	na	na	0.00	14.00	0.00	6.00	na

Willamette Valley 7day Ave Week of Aug 24th

Insects	5-Yr Ave.	2008	2009	Note
BCW	0.30	0.07	0.13	Normal risk
CEW	2.36	4.42	2.14	Normal risk
PHX	0.06	0.00	0.00	Normal risk
12S-YST	0.71	0.28	0.93	Normal risk
12S-SN	na	0.25	0.50	Normal risk
CL	3.01	4.58	8.40	Above Average
AL	0.10	0.69	0.35	Normal risk
DBM	7.80	4.63	14.79	Above Average
BAW	na	0.67	0.30	Variable Risk
VCW	0.66	1.64	0.24	Normal risk
CWB/2min	2.33	3.71	5.00	Above Average

VegNet Key

BCW = Black Cutworm Moths
 PHX = False Corn Earworm Moths
 CL = Cabbage Looper Moths
 DBM = Diamondback Moths
 VCW = Varigated Cutworm Moths
 YST = Yellow Sticky Trap Counts
 na = not available

CEW = Corn Earworm Moths
 12S = 12 Spot Beetle
 AL = Alfalfa Looper Moths
 BAW = Bertha Armyworm Moths
 CWB/2min = Cabbage Butterflies
 SN = Sweep Net Counts/10 Arcs