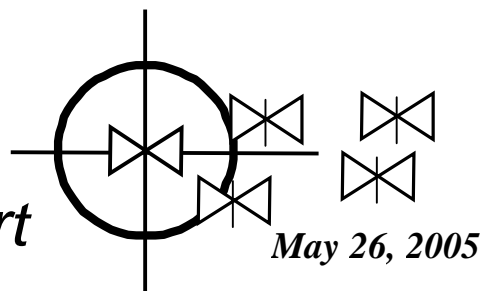


Flight Traxx[®] Codling Moth Report



An IPM Service from Certis USA
Please copy and distribute to entire sales & technical staff

CYD-X[®]

BIOLOGICAL INSECTICIDE

Location	Hatch 1 st Generation	Degree Days	
		Historical Average	Current May 26, 05
Pasco, WA	50%	415	481
Yakima, WA	20%	288	367
Wenatchee, WA	20%	345	409
Chelan, WA	20%	276	364
Milton Freewater OR*	15%	n/a	306
Hood River, OR	3%	199	276
Medford, OR	20%	374	344

For more information visit our homepage www.certiusa.com
Or contact **Randy Dahlin** Regional Sales Manager 360-201-8348

*Milton Freewater information courtesy of Tom Darnell

All other weather data and degree day calculations were done using Brunner and Hoyt 1987 codling moth model at the OSU web site <http://ippc.orst.edu>

Welcome to second edition of the 2005 series of “Codling Moth Flight Traxx”, an IPM service of Certis USA. This service is designed to assist you in timing applications of CYD-X for codling moth population management and provide information about the product and the proper use of it.

2005 is the third year of commercial applications of CYD-X in both conventional and organic apple and pear production in the Pacific Northwest and is the second year of providing Flight Traxx information to the field.

CYD-X contains *Cydia pomonella* granulovirus, a naturally occurring insecticidal virus of codling moth. CYD-X is highly effective in killing codling moth larvae and is not disruptive or injurious to beneficial or non target organisms in tree fruit IPM.

The first CYD-X application should have been made near the beginning of egg hatch, which usually occurs at about 250 degree days after biofix. The second application of CYD-X should be 7-10 days following the first one. Due to the unusual weather conditions we are experiencing this spring, codling moth egg hatch will probably continue over a longer period of time than we normally observe. This may require additional sprays to contain the codling moth population.

The labeled use rate for CYD-X ranges from 1 to 6 oz. per acre per application. In the Pacific Northwest 3 oz. per acre is recommended when applying CYD-X alone, if tank mixing with other codling moth insecticides the rate of CYD-X may be reduce to 2 oz per acre. Thorough spray coverage is necessary when applying CYD-X.

Remember to keep the spray solution at a pH between 5 to 8. CYD-X can be applied in the tank with Calcium Chloride, but watch the pH. Do not apply with lime sulfur.

As the day time temperatures begin to increase and UV light intensifies, it may be beneficial to make applications of CYD-X in late afternoon or evening., this will provide extra hours with little product degradation from heat or UV light.