

## **Alberta Pulse Growers... It's in the PAN**

# **PAN ALERT #17 - July 5, 2004**

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**PLEASE NOTE - Be advised that areas not mentioned in this report may in fact be under pest pressure...**

**Scouting helps in managing problems. If you see something - please let us know.**

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**Pulse Disease reports - please forward your findings on pulse diseases from your area**

Cabbage Seedpod Weevil - **Lethbridge, Bow Island, Coaldale, Macgrath, Lethbridge, and Vulcan**  
**Surveyors Needed** for seedpod weevil - protocol attached - forward results to Lloyd Dosdall

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Kim Zeleny forwarded this Cabbage Seedpod weevil report in...

Lloyd Dosdall's Report

Last week I was in Lethbridge, and had a chance to sample many fields for cabbage seedpod weevils. Adult numbers were high in many fields in early or full flower in the area of Bow Island, Coaldale, Macgrath, Lethbridge, and Vulcan. It was fairly common to collect 6 to 8 weevils per sweep sample, although densities most frequently tended to be in the range of 2 to 3 adult weevils per sweep. Several growers were spraying their canola to control weevils; I noticed spray planes in several locations presumably for weevil control since the crops in southern Alberta have very low infestation levels of lygus bugs and diamondback moth this year.

It is time for growers to be monitoring fields for weevil control. The economic threshold is 3 to 4 weevils per sweep sample, and a key aspect of the biology of this pest is that it invades fields in the bud to early flowering stages. Growers who monitor carefully can sometimes spray only field margins when weevils first invade crops. Early seeded crops are at greatest risk. If growers opt to spray, it should be done in the early flowering stage to minimize damage to nontarget and beneficial species.

Female reproductive development is at its peak. We found that 70% of females from a field just south of the city had fully developed eggs in the reproductive tract, and these females readily laid eggs when placed in a cage with small canola pods.

Please Send data to  
Dr. Lloyd Dosdall  
Department of Agricultural, Food and Nutritional Science  
4-16B Agriculture/Forestry Centre  
University of Alberta  
Edmonton, AB  
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**Request - PHOTOS...** we are always looking for photos. If you have photos you are willing to share with the Alberta Pulse Growers... we'd love to have them.

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[www.pulse.ab.ca](http://www.pulse.ab.ca)