

Thursday, June 22, 2017

Flea beetles and diamondback moth incidence reported on mustard

Gadi V.P. Reddy

Western Triangle Agricultural Research Center, Montana State University, 9546 Old Shelby Rd.,
P. O. Box 656, Conrad, MT 59425, email: reddy@montana.edu

The crucifer flea beetle, *Phyllotreta cruciferae* and diamondback moth (*Plutella xylostella*) have been reported on mustard in the Golden Triangle Areas of Montana (Collins, Knees, Dutton, Brady and Conrad). Both of these are pests on *Brassica* oilseed crops. Although both larvae and adult flea beetles cause damage to the crop, adult beetles causes significant damage and yield losses, if not controlled. Larvae of diamondback moth feed on the leaves and bores into pods and eaten up the developing pods completely.



Figure-1: Canola flea beetle adult, *Phyllotreta cruciferae* (left) and damage to mustard (right)
(Photo credit: WTARC)



Figure-2: Larva of diamondback moth larva, *Plutella xylostella*
(Photo credit: WTARC)

For pest biology, ecology, thresholds, chemical control and other management option, please refer to attached alert documents.