

Section VII. Foliage and Seed Feeding and Mining Insects

Living Survey Trap for Green Peach Aphids

L. Sandvol

University of Idaho

Aberdeen Research and Extension Center

P.O. Box AA

Aberdeen, ID 83210 (208) 397-4181

lsandvol@uidaho.edu

For several years we have been looking for an alternative to the traditional yellow water traps used to survey for green peach aphids. We tried growing canola in pots that were then placed at the edges of potato fields. Problems were encountered with maintaining canola in the proper growth stages. This year we used Chinese cabbage planted at two week intervals. A yellow cylinder was used as an attractant. Preliminary results were encouraging.

Dates of Green Peach Aphid Capture

Location	Date	Water Pan Trap	Live Plant Trap
Aberdeen-Field #1	8/12/96	4	2
	8/19/96	17	4
	8/26/96		33
Aberdeen Field #2	6/24/96	1	
	8/12/96	2	
	8/26/96		13
	9/3/96		5
Parma	7/2/96	1	
	7/8/96	6	14
	7/15/96	86	197
	7/22/96	286	22
	7/29/96	54	197
	8/5/96	34	5
	8/12/96	4	
	8/19/96	2	
	8/27/96	1	