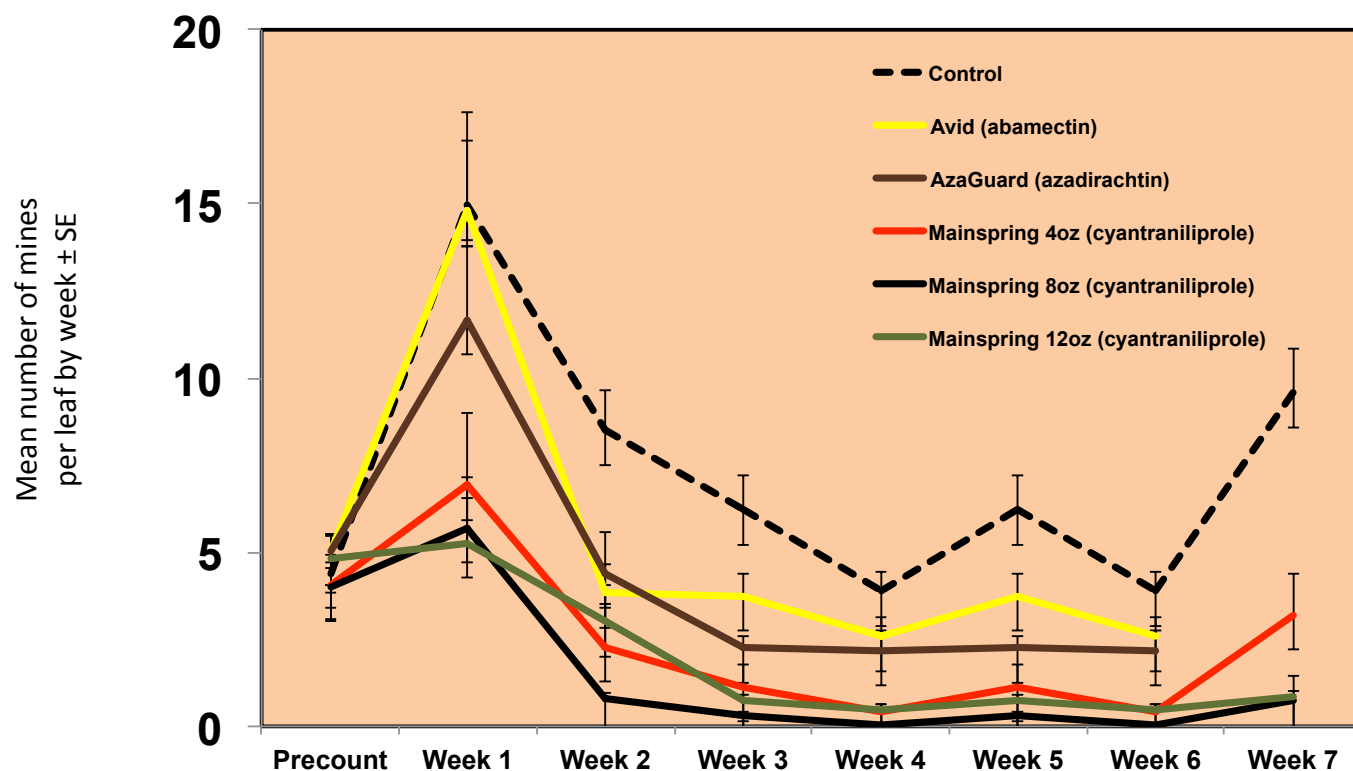


Parrella Lab IR-4 Leafminer Trial Results, 2014

This graph shows the results of the best five products in of our 2014 IR-4 evaluation of labeled and experimental materials for control of American serpentine leafminer, *Liriomyza trifolii*. The trial began June 18 and ended August 8; the results are shown by week.



Mean number of mines per week in the four most effective treatments and the control. Data was analyzed using ANOVA and means separation was done using Tukey's test. All treatments ended at week 6 except for the Mainspring treatments and the control.

Statistics							
Week	Week 1	Week 2	Week 3	Week 4 ¹	Week 5	Week 6 ¹	Week 7
Significance	df=5, 35	df=5, 35	df=5, 35	df=5, 35	df=5, 35	df=5, 35	df=5, 35
	F=5.0315	F=6.7040	F=16.0074	F=18.5539	F=12.8053	F=25.0123	F=20.3255
	p=0.0018	p=0.0003	p=0.0001	p=0.0001	p=0.0001	p=0.0001	p=0.0001
Means separation (Tukey's test)							
	Control a	Control a	Control a	Control a	Control a	Control a	Control a
PR#30074	Avid a	Avid b	Avid b	Avid a	Avid b	Avid a	
PR#32144	AzaGuard ab	AzaGuard ab	AzaGuard bc	AzaGuard a	AzaGuard b	AzaGuard a	
PR#32047	Mainspring 4oz ab	Mainspring 4oz b	Mainspring 4oz c	Mainspring 4oz b	Mainspring 4oz b	Mainspring 4oz b	Mainspring 4oz b
PR#32047	Mainspring 8oz b	Mainspring 8oz b	Mainspring 8oz c	Mainspring 8oz b	Mainspring 8oz b	Mainspring 8oz b	Mainspring 8oz b
PR#32047	Mainspring 12oz b	Mainspring 12oz b	Mainspring 12oz c	Mainspring 12oz b	Mainspring 12oz b	Mainspring 12oz b	Mainspring 12oz b

¹Data was log10 transformed to meet the assumptions of ANOVA. Raw data is reported.