



BASIC INFORMATION

TARGET	Woolly Apple Aphid (<i>Eriosoma lanigerum</i>)
CROP	Apples Variety: Jonagold, rootstock M9
LOCATION	Kecskemet-Matkopuszta • Hungary (Mr. Jenő Müller)
PRODUCT	WETCIT • RATE: high-volume handgun application
TRIAL DATE	September 2012
RESEARCHER	Government Office, County Bács-Kiskun Plant Protection and Soil Conservation Directorate Kecskemet • Hungary



CROP Apples var. Jonagold, rootstock M9

TRIAL AIM AND DESIGN

A replicated trial to determine whether the addition of **WETCIT** to standard chemistry would have an effect on the level of Woolly Apple Aphid control was done in a Jonagold apple orchard in the summer of 2012.

A pre-application evaluation was made, in which the number of live aphids per twenty marked colonies was counted.

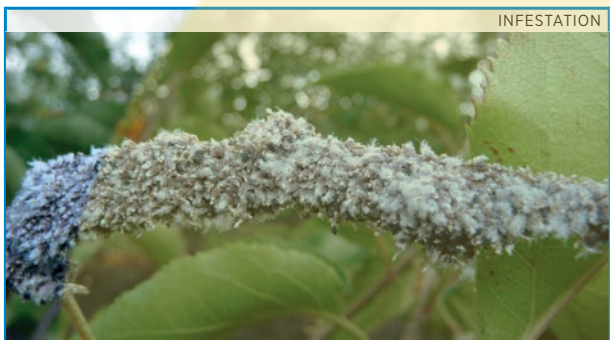
Further evaluations were made three, seven and fourteen days after application.

DISCUSSION AND CONCLUSION

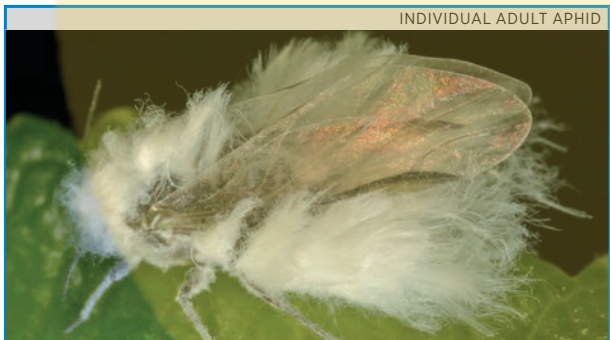
All treatments in the trial had moderately effective control of Woolly Apple Aphid.

The treatments that included **WETCIT** (0.15% and 0.3%, respectively) showed faster knockdown three days after application.

When compared to the standard treatment, the addition of **WETCIT** at 0.3% showed a clear improvement in the level of control fourteen days after application.



INFESTATION TARGET Woolly Apple Aphid Eriosoma lanigerum



INDIVIDUAL ADULT APHID TARGET Woolly Apple Aphid Eriosoma lanigerum

TREATMENT	RATE	3 DAA	7 DAA	14 DAA
Calypso 480 SC STANDARD	0.45 l / ha	49%	67.2%	52.5%
Calypso 480 SC + WETCIT	0.45 l / ha 0.15%	62.1%	70.5%	47.6%
Calypso 480 SC + WETCIT	0.45 l / ha 0.3%	75.8%	83.9%	68.7%

CALYPSO 480 SC

ACTIVE INGREDIENT: THIACTOPRID CALYPSO 480 SC IS A REGISTERED TRADEMARK OF Bayer CropScience

THE EFFECT OF **WETCIT** AS AN ADJUVANT WITH CALYPSO 480 SC ON THE CONTROL OF WOOLLY APPLE APHIDS ON JONAGOLD APPLES

Efficacy (percentage)

