



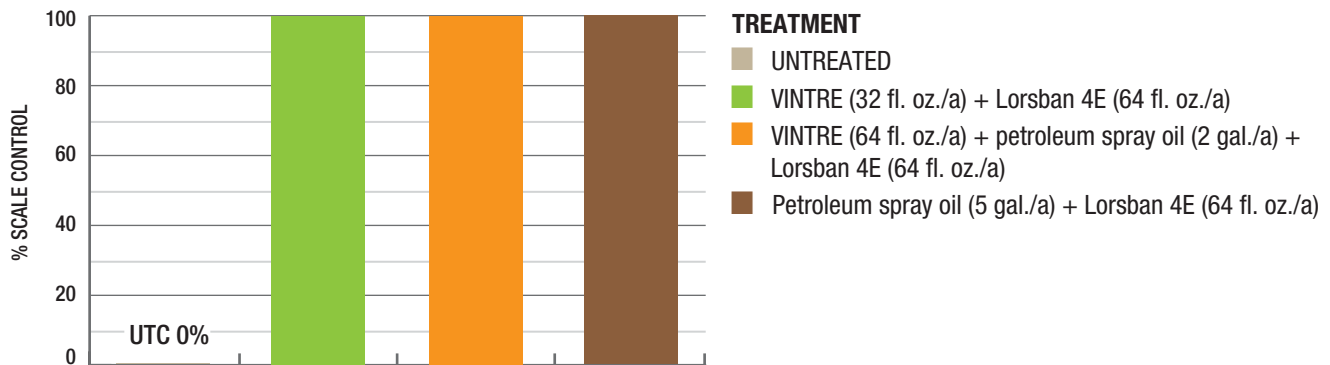
## THE EFFICACY OF VINTRE® ADJUVANT TANK MIXES FOR CONTROL OF SAN JOSE SCALE

<b>TARGET</b>	San Jose scale ( <i>Quadraspidiotus perniciosus</i> )	<b>CROP</b>	Apple ( <i>Malus domestica</i> ) variety Fuji
<b>LOCATION</b>	Ephrata, WA, USA	<b>TRIAL DATE</b>	2012
		<b>RESEARCHER</b>	Mick Qualls, Qualls Laboratory

### FIELD SITUATION

A trial to compare the efficacy of VINTRE® to petroleum spray oil, when tank-mixed with Lorsban® 4E, for the control of San Jose scale on apples was conducted in Ephrata, WA.

A copper fungicide (Nu-Cop® 50 WP) at 5 lb a.i./acre was tank mixed with all treatments. Treatments were applied at 100 gal./acre during the dormant stage with a tractor-drawn air blast sprayer, and four single trees were evaluated per treatment. Application date was April 19, 2012. Final fruit evaluations were made shortly before harvest.



### CONCLUSION

All treatments resulted in 100% scale control, whereas the untreated check had a 100% infestation level (0% control). VINTRE at 32 fl. oz./a was just as effective as petroleum spray oil at 5 gal./a. Excellent control was also achieved with a tank mix of VINTRE and a reduced rate of petroleum spray oil (2 gal./a vs. 5 gal./a) with Lorsban 4E.

