



Photo caption: Virginia creeper leafhopper 2nd nymphal stage (Photo: Jack K. Clark)

We are monitoring leafhoppers at four vineyards: three in Hopland (1 Grenache and 2 Chardonnay) and one in Talmage (Chardonnay), Mendocino County.

Virginia creeper leafhopper (VCLH)

First brood: Nymphs of the first brood began emerging on April 29 with nymphal development occurring through the month of May and early June.

Second brood: Second brood nymphs started appearing in early June with development occurring through early to mid July. In the four vineyards we are monitoring, control treatments were applied the first week of June at the end of the development of the first brood. Thus, the second brood populations were very low especially in the Chardonnay vineyards, see Fig 1. for a chart of viable eggs and Fig 2. for number of nymphs.

Third brood: We are currently observing an increase in the number of viable eggs and number of nymphs in those vineyards that were not treated for second and third brood. At this point we are observing an overlap of generations between the second and third brood, with egg, nymph and adult stages present all at the same time.

Fig. 1 - Egg monitoring: Average number of VCLH viable per leaf on Chardonnay & Grenache at four Mendocino County vineyard locations monitored April 1st to July 29, 2015.

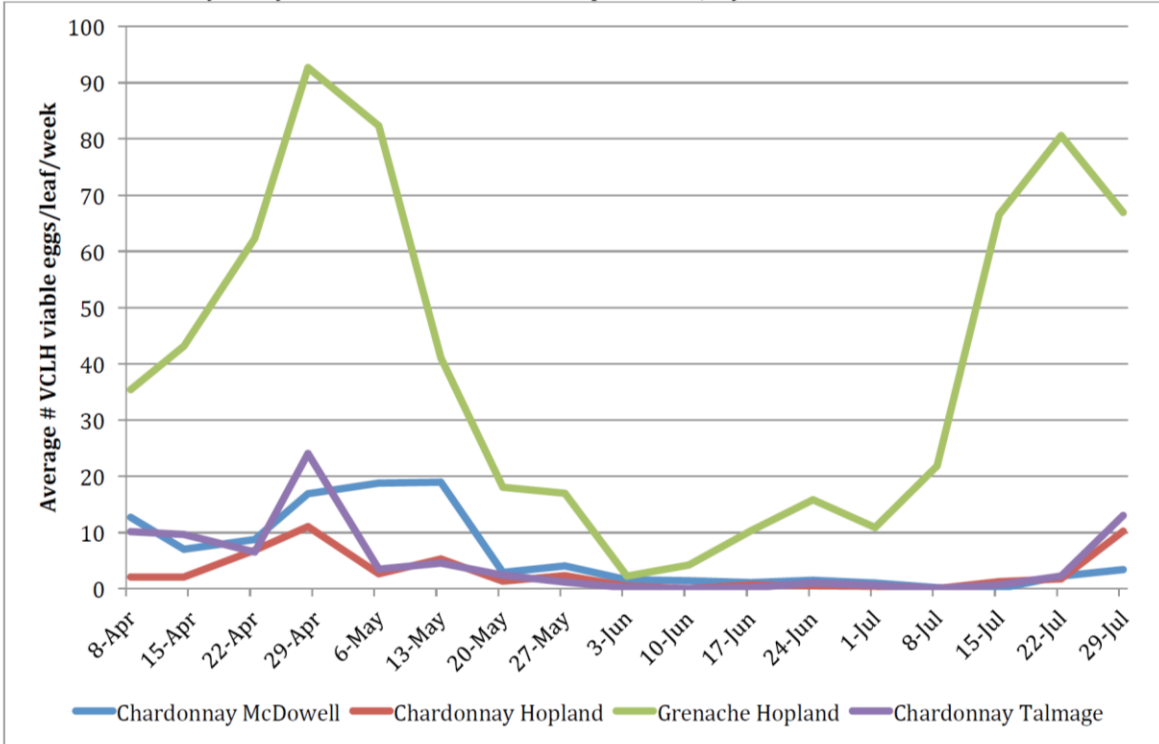


Fig. 2 - Nymph monitoring: Average number of leafhopper nymph per leaf on Chardonnay and Grenache at four Mendocino County vineyard locations monitored April 29 to July 29, 2015.

