Walnut Scale Control

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A study was initiated in June 1976 comparing Torak® and Lorsban® with the standard chemical treatment, Parathion and Superior Oil, for walnut scale control. As the infested Hartley trees in this test also contained heavy populations of a walnut scale predator, two stabbed Ladybird Beetle, its effective control was monitored by using Guthion (previous work shows this will not control walnut scale) to exclude it compared with a non-treated control. Treatments were applied when scale crawlers had emerged in late June. All chemical treatments controlled two stabbed ladybird beetles. Parathion combined with oil and Lorsban® proved to be excellent controls for walnut scale. No difference in control occurred between the non-treated control (two stabbed ladybird beetle present) and Guthion treated trees. Torak® treated trees had higher populations of scale at season's end than other treatments.