Codling Moth Spray Program  -  W. H. Olson

Benefits from two sprays applied at the best timing according to pheromone trap catches were evaluated. The first spray was applied May 2, and the second spray was applied June 18. The treatment which was to receive only the first spray was lost from the experiment due to reluctance on the part of the grower. At harvest the treatment receiving only the second spray had no more worm damage than the treatment receiving both the first and second spray.

During the June drop there was an average loss of tonnage of 3 lbs./acre where the first spray was applied. This first spray not only reduced the codling moth population in the orchard but also controlled the dusky-veined walnut aphid which was building up during May. Where the first spray was not applied there was an average loss in tonnage of 24 lbs./acre, or about $7.20/acre. The cost of a spray application was $11/acre, or $3.20/acre more than was lost due to the decrease in tonnage.