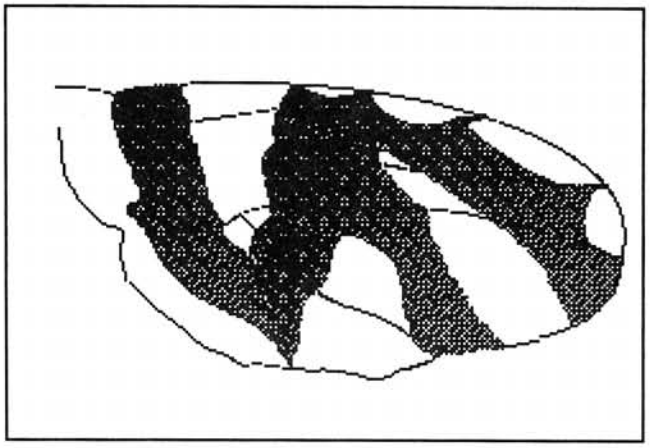
APPLE MAGGOT MONITORING FORM



On or before July 15, hang 3 sticky red sphere traps baited with apple volatile lures in the trees along the edge of your block closest to an abandoned orchard or a stand of woods. If no abandoned trees or woodlands are nearby, choose the southern edge of the block. Traps should be spaced at least 30 ft from each other, on the outside edge of the canopy, at least 6 ft. high. Position the traps so that they are surrounded by fruit and foliage, but are not touched by them or obstructed from view. Traps should be checked 1-2 times per week for Apple Maggot flies, which can be distinguished from similar species by the pattern of dark bands on their wings (right). If a total of 5 AM flies/trap are caught (or 15, in this case), a spray of a suitable insecticide is recommended immediately, after which the traps can be ignored for 10-14 days. (Refer to Cornell's ***Pest Management Recommendations for Commercial Tree-Fruit Production*** for a choice of pesticide materials.) Begin checking the traps again after this period of protection by the spray residue. Traps should be cleaned of non-pest flies periodically and re-coated with stickum if necessary. No treatment is recommended until a cumulative total of 5 AM flies/trap are caught. If unbaited sphere traps are used, the threshold should be lowered to 1 AM fly/trap. Traps can be taken down by August 30.

Date checked	Total number of AM Flies caught since last spray	Total AM flies/3	Date of last spray	Material/ Rate