

Marathon™ is labeled for Aphids, Mealybugs, Thrips and Whiteflies on Ornamental Crops grown in containers, flats, benches or beds. If 2% of one labeled dosage is enough, then growers could greatly reduce their chemical costs by using the method that delivers the lowest rate per pot. Perhaps there really is a big difference in the efficacy of the product, depending on how it is applied. Perhaps different growers will report differing views on the effectiveness of MarathonTM, depending on how they apply it and what pot size they are producing. As you use the product, make sure you accurately record the method and rate applied to allow for comparisons of method/rate effectiveness among growers.

Marathon[™] is distributed to the greenhouse and nursery trade by Olympic Horticultural Products. The same active ingredient, imidacloprid, has been registered for turfgrass, landscape ornamentals and interiorscapes as Merit® 75 WSP. Because the Worker Protection Standard, 40 CFR Part 170 does not include landscapes and interiorscapes, there is no minimal re-entry standard for Merit® 75 WSP. However, the label specifically prohibits the use of Merit® 75 WSP in greenhouses or on turfgrass farms. WSP stands for water soluble packet. Merit® 75 WSP is packaged in water soluble packets that are NOT to be subdivided. Each packet makes 300 gallons of spray mixture.

There is some concern among growers that whiteflies and aphids may become resistant to MarathonTM. If growers across the world could agree upon a resistance strategy for MarathonTM, resistance could be delayed greatly. In the lack of such an agreement, it is likely that some growers will come to depend 100 percent upon MarathonTM for control of aphids, whiteflies and mealybugs. Imidacloprid is also being developed for vegetable insect management and perhaps for other crops as well. With such wide spread use of imidacloprid, it would be a miracle if resistance does not occur

The conscientious grower can do his or her part to try to delay resistance by: 1) using MarathonTM for 6 to 9 months and then switching to other pesticides for a few months; 2) screening greenhouses to reduce the need of frequent applications of pesticides; and 3) purchasing plants from suppliers that do not ship insects along with the cuttings. Marathon™ is distributed to the greenhouse and nursery trade by Olympic Horticultural Products.

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