

Horticulturist Kim Patten from WSU Long Beach reports that oil extracts from Manuka tree (*Leptospermum scoparium*) exhibited herbicidal activity (bleaching) on several broadleaf annual and perennial weeds. This activity is similar to other synthesized herbicides that inhibit 4-hydroxyphenyl-pyruvate-dioxygenase. Cranberries and other Vaccinium (Blueberries) exhibited tolerance to Manuka oil. Initial screen trails suggest that Manuka oil at rates of 32 to 64 oz/ac could be an effective selective “organic” herbicide for Vaccinium crop. Future trials will focus on oil extracts from other species in the Myrtaceae family, rates and timings.