

**CheckMate** spray for the Light Brown Apple Moth (LBAM) requires 100 gallons of water per acre sprayed.

Chart I

Proposed Aerial Spraying (by County)	Sq. miles	Acres	Gallons of water @ 1X per mo.	Gallons of water @ 12X per yr.
Alameda/Contra Costa	141.3	90,430	9,043,000	108,516,000
Marin	25.65	16,420	1,642,000	19,704,000
Monterey	189.12	121,110	12,111,000	145,332,000
San Francisco	85.53	54,610	5,461,000	65,532,000
Santa Cruz	252.33	161,490	16,149,000	193,788,000
<b>Total</b>	<b>693.93</b>	<b>444,060</b>	<b>44,406,000</b>	<b>532,872,000</b>

Chart II

County	Total sq. land miles	Acres	Gallons of water @ 1X per mo.	Gallons of water @ 12X per yr.
Alameda	737	471,680	47,168,000	566,016,000
Contra Costa	720	460,800	46,080,000	552,960,000
Marin	520	332,800	33,280,000	399,360,000
Monterey	3,322	2,126,080	212,608,000	2,551,296,000
San Francisco	46.7	29,888	2,988,800	35,865,600
Santa Cruz	445	284,800	28,480,000	341,760,000
<b>Total</b>	<b>5790.7</b>	<b>3,706,048</b>	<b>370,604,800</b>	<b>4,447,257,600</b>

- Chart I represents the CDFA (California Department of Food and Agriculture)'s estimate of the acreage of proposed aerial spraying in the Bay Area for 2008.
- Chart II indicates the total land area of potential maximum expansion in LBAM affected counties. In addition, the "product may be applied in Riparian (water access) habitats, over water that is covered or partially covered by tree canopies, or over uncovered water that is close to such water bodies" (Suterra LLC).
- Projected spraying duration: up to 5 years.
- [lbamspray.com](http://lbamspray.com). "CDFA Map of Aerial Spray Zones," page 1.