2014 Update Using Remote Sensing Technology

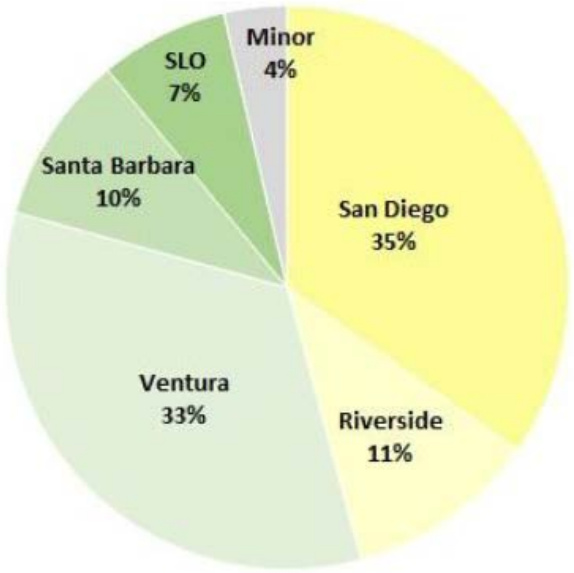
The California Avocado Commission's crop estimating team in conjunction with GeoSpatial Partners, LLC uses the latest in remote sensing techniques to assess avocado acreage in production. As technology continues to advance refinements in our third generation of remote sensing techniques were applied to satellite imagery collected during spring and summer months. The imagery processing techniques include; segmentation into homogenous polygons, retention of tree crop polygons, calculation of average crop canopy moisture and vegetation indices, analysis of change maps from previous inventories, and classification of avocado groves into four categories; producing, topped/stumped, new/young, and abandoned. Aerial imagery (for a real-world view), and satellite imagery (for spectral and temporal data) are integrated into previously classified avocado acreage and analyzed for current condition for five primary avocado growing counties; San Diego, Riverside, Ventura, Santa Barbara, and San Luis Obispo. Other minor counties acreage is estimated based on ancillary data from county agricultural commissioners and our grower community. The results of the avocado acreage inventory including the CAC crop team application of varietal break down are:

2014 California Avocado Acreage Inventory Summary by County

County	Producing Acres	Topped/Stumped Acres	New/Young Acres	Total Planted Acres	CAC Bearing Acres (Pro+Top)
San Diego	17,406	1,033	441	18,880	18,439
Riverside	5,235	261	481	5,977	5,496
Ventura	16,437	488	1,281	18,206	16,925
Santa Barbara	4,651	188	440	5,279	4,839
San Luis Obispo	3,567	254	187	4,008	3,821
Total 5 Counties	**47,296**	**2,224**	**2,830**	**52,350**	**49,520**
Total Minor Counties*				**1,958**	**1,958**
Grand Total				**54,308**	**51,478**

* Orange, Los Angeles, San Bernardino, San Joaquin Valley, Monterey

2014 Planted Avocado Acres by County



2014 Varietal Distribution

Variety	Acres
Hass	49,023
Lamb	1,612
Other	843
Total	**51,478**