

**2019 Non-Chemical IPM Management & Practices
Through the 3rd Quarter of 2019**

Month	Staff Labor Hours	Volunteer Hours	Contractor Labor Hours	Total Hours
<i>JANUARY</i>	1379	861	1041	3280
<i>FEBRUARY</i>	1552	1063	1005	3619
<i>MARCH</i>	1557	890	1103	3550
<i>APRIL</i>	1594	976	1002	3571
<i>MAY</i>	2268	519	841	3628
<i>JUNE</i>	2559	555	994	4108
<i>JULY</i>	2013	1433	888	4334
<i>AUGUST</i>	3247	1094	800	5141
<i>SEPTEMBER</i>	2186	1321	995	4501
<i>Total Q1 2019</i>	4487	2814	3148	10449
<i>Total Q2 2019</i>	6420	2050	2837	11307
<i>Total Q3 2019</i>	7445	3848	2683	13976
Total ytd 2019:	18352	8712	8668	35732
<i>Total ytd 2018:</i>	17031	8,655	7,483	33,169
<i>Total ytd 2017:</i>	20083	8,079	6,424	34586
<i>Total ytd 2016:</i>	21341	5,831	6,654	33,826
% change ytd:	8	0.66	15.83	7.73

What does Non-Chemical IPM Methods mean?

Weed whipping, mulch installation, turf aeration and renovation, gopher and ground squirrel control, hand weeding, flaming, irrigation repair and adjustments to prevent weed growth, flail mowing, sheet mulching, pruning out diseased branches, and many more tasks that support the County IPM program that do not include applying pesticides.

Third Quarter IPM Volunteer Highlights: July

Total Volunteer Hours: 1,835

Total IPM Hours: 1,433



Above: Marin County Parks' A Team interns, and One Tam's LINC program interns at Stafford Lake Park.

Activities included: weed whipping, litter pick-up, mulching, and hand-weeding.

Third Quarter IPM Volunteer Highlights: August

Total Volunteer Hours: 1,523

Total IPM Hours: 1,094



Above: Volunteers at Hal Brown Park at Creekside, August 17th, 2019.

Activities included: litter pick-up, sheet mulching, and hand-weeding.

Third Quarter IPM Volunteer Highlights: September

Total Volunteer Hours: 1492

Total IPM Hours: 1321



Above: Coastal cleanup day volunteers at Hal Brown Park, September 21st, 2019.

Activities included: litter pick-up and hand-weeding.