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**Current Groundwater Extraction Estimates by Crop (5/2/22)**

GSA_Jurisdiction_Prelim	Pasture (ft/yr)	X_Rate	Vine (ft/yr)	Truck and Berry Crops (ft/yr)	Grain (ft/yr)	Deciduous Fruit and Nuts (ft/yr)	Citrus and Subtropical (ft/yr)	Cannabis (ft/yr)	Multiple Crop Parcels	Total for Basin/Subbasin
Estimated Applied Water Rates per Acre	0.04	0.00	0.60	1.78	0.00	1.83	1.85	Reported (default = 2.0 ft/yr for indoor 4.0 for outdoor)	NA	NA
<b>Santa Rosa Plain</b>										
Total Crop Area (Acres)	5,387	463	9,091	582	946	146	16	6	NA	<b>16,637</b>
Applied Water by Crop (afy)	215	0	5,454	1,037	0	268	29	7	NA	<b>7,011</b>
Recycled Water/SW Offsets (afy)	2	0	106	0	0	0	0	0	256	<b>364</b>
Estimated Groundwater Demand by Crop (afy)	205	0	5,150	999	0	258	28	7	NA	<b>6,647</b>

**Working Draft**

Estimated Groundwater Demand by Crop (afy) equals the Applied Water By Crop minus the Recycled Water/SW Offsets for a given Crop, minus the Recycled Water/SW Offsets for the Multiple Crop Parcels Pro-rated by crop demand.

"X" class crops = unknown, Appear to be predominantly areas of non-irrigated grain or hay crops

Analysis date: 4/30/2022

Crop Type	Rate	Source
Citrus & Subtropical	1.85	2010 DWR Water Use Estimates
Deciduous Fruit & Nut	1.83	2010 DWR Water Use Estimates
Grain	0.00	2012 DWR Data
Pasture	0.04	Randi Black Analysis (Raftelis)
Truck & Berry	1.78	2010 DWR Water Use Estimates
Vine	0.60	2010 DWR Water Use Estimates
Cannabis-outdoor	2.00	Water usage reports to County
Cannabis-indoor	4.00	Water usage reports to County



















































