NON-SERPENTINE Soil Nutrient and Organic Matter Thresholds, from the top 2 inches of soil from around native and exotic plants.

One full quart samples sifted through 1/4 inch mesh screen to remove rocks and roots, and tested by the Soil and Plant Lab in San Jose, California, and then the Waypoint Lab in Anaheim with their A-01 and A-19 soil tests. "x" means not tested.

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Nutrients in PPM, except for sulfates, which are meq/L. The Ca/Mg is the magnesium/calcium ratio. Organic matter is as a percentage. The thresholds for natives in bold. "Bare" means, soil was tested nearby where there was no vegetation, within two meters of existing native grass plants. Biocrust test was taken from the top 1/2 inch and included the biocrust itself in the test. "0" for micronutrients, means not tested.

Locations

St	Site	What tested	pН	N	P	K	Ca	Mg	ом%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	Albany Hill	Bench meadow	6.9	19	34	100	1200	186	7.9							6.5
CA	Albany Hill	tests Claytonia	6.8	30	58	521	1190	354	13.5						2.3	3.4
CA	Albany Hill	tests Solidago	6.4	34	42	565	1510	484	13.2							3.1
CA	Albany Hill	MCM test plot	6.3	20	57	261	1310	313	12.3							4.2
CA	Albany Hill	tests Weeds	6.7	27	71	364	1680	454	13.2							3.7
CA	Albany Hill	Peggies Park	7.1	10	35	108	2400	367	x							6.5
CA	Alpine Road	Heterotheca	7.3	14	46	479	3710	317	x							11.7
CA	Anita's Condos	Wild oats, ripgut	7.3	12	16	145	3750	305	10.4							0.1
CA	Antioch dunes	Filaree	7.2	20	41	163	1380	179	8.6							0.1
CA	Arana Gulch	SC tarplant test	5.2	17	14	176	790	202		1.0	2.0	15	53	0.11	0.4	3.9
CA	Arana Gulch	SC Tarplants ideal	6.5	35	21	77	988	125	x	0.4	4.0	6	28	0.28	4.0	7.9
CA	Arastradero	Blue Eyed thresh	6.4	156	39	997	2199	616	x	4.2	4.0	33	236	0.15	3.4	3.6
CA	Arastradero	Brome car. Okay	5.5	52	40	862	2254	736	x	5.3	5.0	49	179	0.34	2.3	3.1
CA	Arastradero	Foxtails exotic	7.2	47	46	397	3574	422		2.3	7.0	8	77	0.08	0.8	8.5
CA	Arastradero	Italian thistles	5.4	349	16	334	2434	820	X	3.7	3.0	16	96	0.13	1.8	3.0
CA	Arastradero	Medusahead	5.8	87	18	360	2438	1195	x	5.0	3.0	116	74	0.20	2.0	2.0
CA	Arastradero	Poppies good	х	117	131	278	X	x								
CA	Arastradero	Poppies poor	х	28	76	1030	x	x								
CA	Arastradero	Poppies rich soil	Χ	216	49	2180	x	x								
CA	Arastradero	Red brome	х	37	26	405	x	x								
CA	Arastradero	Wild Oats best	6.1	30	25	389	2105	687	x	5.0	4.0	29	156	0.21	0.9	3.1
CA	Arastradro	Ripgut weed	5.7	41	16	241	2123	726	Х	2.5	5.0	37	92	0.11	1.0	2.9
St	Site	What tested	рН	N	P	K	Ca	Mg	OM%	Cu	Zn	Mai	n Fe	В	Sul	Ca/M
CA	Armory SC tarpl	Tarplant test	4.8	11	23	248	2223	357	x	2.0	7.0	2	7 15	8 0.0	5 3.0	6.
CA	Armory SC tarpl	Tarplants should be	6.6		20	207				2.0	7.8	1	7 7	5 0.2	5 3.0	6.
			0.0	55	30	207	2470	357	X		7.0	1 1		J U.Z.	ا.د ر	0.
	Askok	Red Brome	7.1	37	26	405		357 549		2.6		_				-
CA	Askok Biocrust -						3067		х	2.6		_				
		Red Brome	7.1	37	26	405	3067 1470	549	x 6.7	2.6		_				5 5.
CA	Biocrust -	Red Brome Parish Road	7.1 6.7	37 31	26 17	405 357	3067 1470 766	549 347	x 6.7 6.5	2.6		_				5 5. 4. 2.
CA	Biocrust - Biocrust -	Red Brome Parish Road Sutter Buttes	7.1 6.7 5.8	37 31 19	26 17 24	405 357 193	3067 1470 766 1220	549 347 270	6.7 6.5 8.0	2.6		_				5 5. 4. 2. 3.
CA CA	Biocrust - Biocrust - Biocrust + Biocrust +	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes	7.1 6.7 5.8 6.1 5.3	37 31 19 23 19	26 17 24 34 31	405 357 193 616 231	3067 1470 766 1220 704	549 347 270 369 239	6.7 6.5 8.0 7.5	2.6		_				5 5. 4. 2. 3.
CA CA CA	Biocrust - Biocrust + Biocrust + Biocrust +	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14	7.1 6.7 5.8 6.1 5.3 6.3	37 31 19 23 19 23	26 17 24 34 31 42	405 357 193 616 231 417	3067 1470 766 1220 704 2180	549 347 270 369 239 861	x 6.7 6.5 8.0 7.5 16.1	2.6		_				5 5. 4. 2. 3. 2.
CA CA CA CA	Biocrust - Biocrust + Biocrust + Biocrust + Biocrust+ Cal I-10	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard	7.1 6.7 5.8 6.1 5.3 6.3 7.6	37 31 19 23 19	26 17 24 34 31 42	405 357 193 616 231 417 128	3067 1470 766 1220 704 2180 519	549 347 270 369 239 861 46	x 6.7 6.5 8.0 7.5 16.1 2.7	2.6	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2.
CA CA CA CA CA	Biocrust - Biocrust + Biocrust + Biocrust + Biocrust+ Cal I-10 Calimesa	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats	7.1 6.7 5.8 6.1 5.3 6.3 7.6 7.1	37 31 19 23 19 23	26 17 24 34 31 42 18	405 357 193 616 231 417 128 77	3067 1470 766 1220 704 2180 519 1620	549 347 270 369 239 861 46 519	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2. 11.
CA CA CA CA CA CA CA	Biocrust - Biocrust + Biocrust + Biocrust + Cal I-10 Calimesa Camp Roberts	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats Soft chess/Rip	7.1 6.7 5.8 6.1 5.3 6.3 7.6 7.1 6.5	37 31 19 23 19 23 14 10 90	26 17 24 34 31 42 18 33	405 357 193 616 231 417 128 77 248	3067 1470 766 1220 704 2180 519 1620 2820	549 347 270 369 239 861 46 519 430	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2 18.2	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2. 11. 0 3. 6.
CA CA CA CA CA CA CA	Biocrust - Biocrust + Biocrust + Biocrust + Biocrust+ Cal I-10 Calimesa Camp Roberts Cañada College	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats Soft chess/Rip Bare chert	7.1 6.7 5.8 6.1 5.3 6.3 7.6 7.1 6.5 6.0	37 31 19 23 19 23 14 10 90	26 17 24 34 31 42 18 33 36	405 357 193 616 231 417 128 77 248 195	3067 1470 766 1220 704 2180 519 1620 2820 1940	549 347 270 369 239 861 46 519 430 415	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2 18.2	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2. 11. 0 3. 6.
CA CA CA CA CA CA CA CA	Biocrust - Biocrust + Biocrust + Biocrust + Cal I-10 Calimesa Camp Roberts Cañada College Cañada College	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats Soft chess/Rip Bare chert Grass plot	7.1 6.7 5.8 6.1 5.3 7.6 7.1 6.5 6.0 6.4	37 31 19 23 19 23 14 10 90 37	26 17 24 34 31 42 18 33 36 17	405 357 193 616 231 417 128 77 248 195 251	3067 1470 766 1220 704 2180 519 1620 2820 1940 1880	549 347 270 369 239 861 46 519 430 415	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2 18.2	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2. 11. 0 3. 6. 4.
CA	Biocrust - Biocrust + Biocrust + Biocrust + Cal I-10 Calimesa Camp Roberts Cañada College Cañada College Cañada College	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats Soft chess/Rip Bare chert Grass plot IDEAL	7.1 6.7 5.8 6.1 5.3 6.3 7.6 7.1 6.5 6.0 6.4 6.9	37 31 19 23 19 23 14 10 90 37 10	26 17 24 34 31 42 18 33 36 17 16 35	405 357 193 616 231 417 128 77 248 195 251	3067 1470 766 1220 704 2180 519 1620 2820 1940 1880 2800	549 347 270 369 239 861 46 519 430 415 404	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2 18.2 x	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2. 11. 3. 6. 4.
CA C	Biocrust - Biocrust + Biocrust + Biocrust + Cal I-10 Calimesa Camp Roberts Cañada College Cañada College Cañada College Cañada College	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats Soft chess/Rip Bare chert Grass plot IDEAL Lotus good	7.1 6.7 5.8 6.1 5.3 6.3 7.6 7.1 6.5 6.0 6.4 6.9 6.7	37 31 19 23 19 23 14 10 90 37 10 70	26 17 24 34 31 42 18 33 36 17 16 35 22	405 357 193 616 231 417 128 77 248 195 251 251	3067 1470 766 1220 704 2180 519 1620 2820 1940 1880 2800 3720	549 347 270 369 239 861 46 519 430 415 404 911 1130	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2 18.2 x !!	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2. 11. 3. 6. 4.
CA C	Biocrust - Biocrust + Biocrust + Biocrust + Biocrust+ Cal I-10 Calimesa Camp Roberts Cañada College Cañada College Cañada College Cañada College Cañada College	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats Soft chess/Rip Bare chert Grass plot IDEAL Lotus good Lotus ideal	7.1 6.7 5.8 6.1 5.3 7.6 7.1 6.5 6.0 6.4 6.9 6.7 5.9	37 31 19 23 19 23 14 10 90 37 10 70	26 17 24 34 31 42 18 33 36 17 16 35 22	405 357 193 616 231 417 128 77 248 195 251 251 171	3067 1470 766 1220 704 2180 519 1620 2820 1940 1880 2800 3720 678	549 347 270 369 239 861 46 519 430 415 404 911 1130 2400	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2 18.2 x !! 9.0 15.9	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2. 11. 3. 6. 4. 4. 3. 3. 0.
CA C	Biocrust - Biocrust + Biocrust + Biocrust + Biocrust + Cal I-10 Calimesa Camp Roberts Cañada College	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats Soft chess/Rip Bare chert Grass plot IDEAL Lotus good Lotus ideal Lotus min. fertilized	7.1 6.7 5.8 6.1 5.3 7.6 7.1 6.5 6.0 6.4 6.9 6.7 5.9	37 31 19 23 19 23 14 10 90 37 70 12 7	26 17 24 34 31 42 18 33 36 17 16 35 22 17	405 357 193 616 231 417 128 77 248 195 251 251 171 162 323	3067 1470 766 1220 704 2180 519 1620 2820 1940 1880 2800 3720 678 1410	549 347 270 369 239 861 46 519 430 415 404 911 1130 2400 1100	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2 18.2 x !! 9.0 15.9 17.0	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2. 11. 0 3. 6. 4. 4. 3. 3.
CA C	Biocrust - Biocrust + Biocrust + Biocrust + Biocrust + Cal I-10 Calimesa Camp Roberts Cañada College	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats Soft chess/Rip Bare chert Grass plot IDEAL Lotus good Lotus ideal Lotus min. fertilized Max. Filaree Nitro	7.1 6.7 5.8 6.1 5.3 7.6 7.1 6.5 6.0 6.4 6.9 6.7 5.9 6.7	37 31 19 23 19 23 14 10 90 37 10 70 12 7	26 17 24 34 31 42 18 33 36 17 16 35 22 17 61 62	405 357 193 616 231 417 128 77 248 195 251 251 171 162 323 260	3067 1470 766 1220 704 2180 519 1620 2820 1940 1880 3720 678 1410	549 347 270 369 239 861 46 519 430 415 404 911 1130 2400 1100 678	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2 18.2 x !! 9.0 15.9 17.0 26.8	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 11. 11. 3. 6. 4. 4. 3. 3. 3. 5.
CA C	Biocrust - Biocrust + Biocrust + Biocrust + Biocrust + Cal I-10 Calimesa Camp Roberts Cañada College	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats Soft chess/Rip Bare chert Grass plot IDEAL Lotus good Lotus ideal Lotus min. fertilized Max. Filaree Nitro Max. Filaree Phos	7.1 6.7 5.8 6.1 5.3 7.6 7.1 6.5 6.0 6.4 6.9 6.7 5.9 6.7 6.3 6.3	37 31 19 23 19 23 14 10 90 37 10 12 7 15 238 139	26 17 24 34 31 42 18 33 36 17 16 35 22 17 61 62 234	405 357 193 616 231 417 128 77 248 195 251 171 162 323 260 146	3067 1470 766 1220 704 2180 519 1620 2820 1940 1880 2800 3720 678 1410 4020 5490	549 347 270 369 239 861 46 519 430 415 404 911 1130 2400 1100 678 848	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2 18.2 x !! 9.0 15.9 17.0 26.8 26.2	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2. 11. 13. 6. 4. 4. 3. 3. 0. 11. 5.
CA CCA CCA CCA CCA CCA CCA CCA CCA CCA	Biocrust - Biocrust + Biocrust + Biocrust + Biocrust + Cal I-10 Calimesa Camp Roberts Cañada College	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats Soft chess/Rip Bare chert Grass plot IDEAL Lotus good Lotus ideal Lotus min. fertilized Max. Filaree Phos Poppies	7.1 6.7 5.8 6.1 5.3 7.6 7.1 6.5 6.0 6.4 6.9 6.7 5.9 6.7 6.3 6.7	37 31 19 23 19 23 14 10 90 37 10 70 12 7 15 238 139	26 17 24 34 31 42 18 33 36 17 16 35 22 17 61 62 234	405 357 193 616 231 417 128 77 248 195 251 251 171 162 323 260 146 116	3067 1470 766 1220 704 2180 2820 1940 1880 2800 3720 678 1410 4020 5490 4690	549 347 270 369 239 861 466 519 430 415 404 911 1130 2400 1100 678 848 1340	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2 18.2 x !! 9.0 15.9 17.0 26.8 26.2	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2. 11. 0 3. 6. 4. 4. 3. 0. 1. 5. 6. 6. 3. 3. 6. 4. 4. 3. 6. 6. 7. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8
CA CCA CCA CCA CCA CCA CCA CCA CCA CCA	Biocrust - Biocrust + Biocrust + Biocrust + Biocrust + Cal I-10 Calimesa Camp Roberts Cañada College	Red Brome Parish Road Sutter Buttes Parish Road Sutter Buttes Dunnigan Ave 14 Sahara mustard Wild oats Soft chess/Rip Bare chert Grass plot IDEAL Lotus good Lotus ideal Lotus min. fertilized Max. Filaree Nitro Max. Filaree Phos	7.1 6.7 5.8 6.1 5.3 7.6 7.1 6.5 6.0 6.4 6.9 6.7 5.9 6.7 6.3 6.3	37 31 19 23 19 23 14 10 90 37 10 12 7 15 238 139	26 17 24 34 31 42 18 33 36 17 16 35 22 17 61 62 234	405 357 193 616 231 417 128 77 248 195 251 171 162 323 260 146	3067 1470 766 1220 704 2180 519 1620 2820 1940 1880 2800 3720 678 1410 4020 5490 4690 2810	549 347 270 369 239 861 46 519 430 415 404 911 1130 2400 1100 678 848	x 6.7 6.5 8.0 7.5 16.1 2.7 5.2 18.2 x !! 9.0 15.9 17.0 26.8 26.2 x	0.0	4.0	1:	1 4	4 0.23	3 0.	5 5. 4. 2. 3. 2. 2. 11. 13. 6. 4. 4. 3. 3. 0. 11. 5.

Locations

St	Site	What tested	pН	N	Р	K	Ca	Mg	OM%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	Cañada College	Supersoil OM ideal	X	x	X	x	x	x	15.2							
CA	Cañada College	Weed clover thresh	6.6	17	29	182	3200	927	10.3							3.5
CA	Cañada College	Weed grass thresh	6.4	126	49	323	4480	999	12.9							4.5
CA	Carrizo plains1	Topaz solar Stipa	7.7	3	48	511	474	3880	2.0							0.1
CA	Carrizo plains1	Topaz solar Stipa	7.4	3	56	573	1750	4220	2.5							0.4
CA	Carrizo plains2	Topaz solar Stipa	7.4	3	53	507	1450	4180	2.3							0.3
CA	Carrizo plains3	Topaz solar Stipa	6.0	2	61	239	518	1650	1.5							0.3
CA	Carrizo plains4	Topaz solar Stipa	7.1	3	61	542	662	3550	2.4							0.2
CA	Carrizo plains5	Topaz solar Stipa	7.5	3	35	370	473	3980	2.7							0.1
CA	Carrizo plains6	Topaz solar Stipa	6.1	7	130	468	431	1640	2.3							0.3
CA	Central coast1	Velt sand dunes	6.0	8	6	17	168	35	x							4.8
CA	Central coast2	Native plants grow	6.0	12	12	54	378	52								7.3
CA	Central coast2	Velt sand dunes	6.2	8	11	49	346	60	x							5.8
CA	Central coast3	Native plants grow	7.2	8	7	17	234	32								7.3
CA	Central coast4	Riparian thistles	7.5	21	36	559	3750	701								5.3
CA	Central coast5	Mugwort	7.2	31	25	509	4000	707								5.7
CA	Central coast6	Thistle mulch	6.8	26	49	464	3000	513								5.8
CA	Central coast7	Spineflower ref.	6.3	15	7	94	525	111								6.5
CA	Central coast8	Mugwort mulch	6.7	61	66	621	2910	488								6.0
CA	Central coast9	Doveweed	6.6	13	10	78	2140	1190	9.1							1.8
CA	El Cerrito - School	Madera #1	6.5	11	42	31	458	1080	x							0.4
CA	El Cerrito - School	Madera #2	6.7		15	61	292	1070	Х							0.3
	El Cerrito - Val's	Arlington #1	6.2					467								2.2
		_														
St	Site	What tested	pН	N	Р	K	Ca	Mg	ом%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
	El Cerrito - Val's	Arlington #2	6.4	16	26	47	645	626						_		1.0
		Mustard	7.4	80	17	113	1890	2130								0.9
		Tarplant test	5.4	97	7	236	1209	489		0.9	4.0	3	45	0.09	1.9	2.5
	Gilrov	Red Brome	7.5	14	35	187	841	97	4.1	0.0	0.0	0	0	0.00	0.0	8.7
	Grapevine ripgut	milkweed patch	6.3	23	67	190	1610	315							0.0	5.1
	HMB Drury	Bare leach field	4.8	9	14	240	1770	1770	3.3							1.0
	HMB Drury	Behind parking	5.1	8	42	150	2130	1490	5.4							1.4
	HMB Drury	Eroded subsoil	7.1	6	21	130	2480	1050	0.8							2.4
	HMB Drury	Fescue	5.0	11	46	180	2170	1510	9.6							1.4
	HMB Drury	Fescue above gully	5.1	6	14	120	1420	1420	3.4							1.0
	HMB Drury	Fescue fair-good	5.5	4	7	100	2640	1020	5.3							2.6
	HMB Drury	Fescue poor	5.1	7	25	160	2470	1780	5.2							1.4
	HMB Drury	Good soil behind hs	6.1	7	5	110	1380	1380	2.6							1.0
	HMB Drury	Good soil slide	5.0	15	15	170	1970	1340	1.1							1.5
	HMB Drury	Gully side house	4.9	17	25	130	1860	1520	0.2							1.2
	HMB Drury	Poor subsoil slide	5.5	28	22	150	2140	1630	1.1							1.3
	HMB Drury	Road cut nr. Grove	5.0	12	30	210	1760	1760	1.7							1.0
	HMB Drury	Roadway below bar	4.8	9	22	160	1990	1990	0.4							1.0
	Hood-Franklin	near S. cernua	7.2	54	40	601	1920	119	9.9	0.0	0.0	0	0	0.00	0.0	16.1
	Hood-Franklin	no milkwd 3"away	6.3	21	63	168	1200	324		0.0	0.0	0	- 0	0.00	0.0	3.7
		Indian ricegrass	7.4	7	30	339	229	49	0.7	0.0	0.0	0	0	0.00	0.0	4.7
	Hwy 46 PM 26 Hwy 58 and 395	Stinkwort	7.1	12	1	500	1750	353	6.7	0.0	0.0	U	U	0.00	0.0	5.0
	I-280-Page Mill Rd		6.8	10	27	456	3220	797	8.7							4.0
CA	1-200-rage Filli Ku	Зсіра	0.0	10	21	430	3220	131	0.7							4.0
St	Site	What tested	pН	N	Р	K	Ca	Mg	ом%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	I-505/14 ave.	Evening primrose	7.7	7	25	287	5130	127	5.3							40.4
CA	Kims LAH	Good tarplants	6.4	213	29	832	1457	387	x	1.6	6.0	66	42	0.24	12.2	3.8
	Kims LAH	Melica poor	6.9		33	500	2838	669		2.5	3.0			0.32		4.2
	Kims LAH	Poor tarplants	7.0		27	507	2245	430		х	x	Х	х	х	х	5.2
	Kims LAH	Poppies Good	6.5		95	839	1766	730		2.4	5.0	19	114	0.26	0.7	2.4
CA	Kims LAH	Poppies good	5.7	117	131	278	2226	584	x	х						3.8
CA	Kims LAH	Poppies poor	7.5	28	76	1030	2523	765	x	х						3.3
	Kims LAH	Poppies poor	7.1	23	96	1011	2928	775		3.8	23.0	11	80	0.66	1.0	3.8
	Kims LAH	Poppies rich	6.2		49	2180	1966	469		х						4.2
	La Honda	Slide meadow	6.9	5	15	326	2360	681								3.5
	Leslie	Miners poor	6.6	23	32	357	2460	280		1.3	6.0	5	68	0.13	0.5	8.8
		Biocrust	7.5	48	75	425	1430	340	4.5							4.2
CA	Loui				48	280	1740	306	4.6							5.7
CA CA		No biocrust	6.5							0.0						
CA	Lodi	No biocrust	6.5 x	19	12	106	781	225	X	0.9	1.0	6	24	0.06	0.6	3.5
CA CA	Lodi Los Trancos	No biocrust Rat tail fescue	х	19	12 19	106 363	781 1556	225 268		0.9	1.0 3.0		24 38	0.06	0.6	3.5 5.8
CA CA CA	Lodi Los Trancos Los Trancos	No biocrust Rat tail fescue Wild oats	x x	19 30	19	363	1556	268	х	1.4	3.0	8	38	0.06	0.5	5.8
CA CA CA CA	Lodi Los Trancos Los Trancos Los Trancos ideal	No biocrust Rat tail fescue Wild oats Buck meadow	x x x	19 30 50		363 100	1556 1600	268 250	x x	1.4		8			0.5	5.8 6.4
CA CA CA CA	Lodi Los Trancos Los Trancos Los Trancos ideal Manuella Seagr	No biocrust Rat tail fescue Wild oats Buck meadow Pre-mulch	x x x 6.5	19 30 50 19	19 25 1	363	1556 1600 934	268 250 482	x x 4.8	1.4	3.0	8	38	0.06	0.5	5.8 6.4 1.9
CA CA CA CA CA	Lodi Los Trancos Los Trancos Los Trancos ideal Manuella Seagr Napa W. Reinhardt	No biocrust Rat tail fescue Wild oats Buck meadow Pre-mulch Biocrust-	x x x 6.5 6.3	19 30 50 19 6	19 25 1 15	363 100 113 40	1556 1600 934 672	268 250 482 158	x x 4.8 x	1.4	3.0	8	38	0.06	0.5	5.8 6.4 1.9 4.3
CA CA CA CA CA CA	Lodi Los Trancos Los Trancos Los Trancos ideal Manuella Seagr	No biocrust Rat tail fescue Wild oats Buck meadow Pre-mulch Biocrust-	x x x 6.5	19 30 50 19 6 7	19 25 1 15 4	363 100 113 40 48	1556 1600 934	268 250 482	x x 4.8 x x	1.4	3.0	8	38	0.06	0.5	5.8 6.4 1.9

262

222

232

303

3550

3220

4070

3320

706 x

783 x

526 x

326 x

5.0

4.1 7.7

10.2

6.3

6.4

6.7

6.3

Corral East

Corral West

Driveway East

Driveway West

CA Orinda Bill

CA Orinda Bill

CA Orinda Bill

CA Orinda Bill

13

7 19

5 31

31

LOCATIONS

	Site Orinda Bill	What tested Meadow	pH 6.0	N 5	P 10	K 215	Ca 3060	Mg 764	ОМ% х	Cu	Zn	Man	Fe	В	Sul	Ca/Mg 4.0
	Orinda Bill	Oak Hill	5.8	5	8	276	3330	734								4.5
CA	Orinda Sandy	Knoll	6.3	7	26	255	2650	682	2.5							3.9
CA	,	Walnut orchard	6.1	5	25	343	2170	483	x							4.5
CA	Page Mill	Dove weed	7.4	22	32	269	2720	214	x							12.7
CA	Petaluma serp	Wild oats	5.6	10	10	93	456	202	x							2.3
	Portola V. Meredith		6.8	71	16	811	725	751	x	2.1	1.3	20	1.4	1.20	59.7	1.0
	Portola V. Meredith		6.8	26	27	202	1403	208		1.4	1.3	7.1	34	0.20	14.8	6.7
	Portola V. Meredith		6.9	31	18	419	1346	279		1.1	7.0	82	21	0.14	2.7	4.8
	Portola V. Meredith		6.8	48	6	1554	1455	658		2.0	7.0	35	49	0.23	3.7	2.2
CA	Portola V. Meredith		5.6	725	427	5041	1101	622		38.8	43.0	99	59	14.40		1.8
CA	Portola V. Meredith		6.1	133	23	233	724	154		1.0	2.0	60	21	0.15	43.2	4.7
	PV Spr Down	Poppy, tidy tip	7.3	26	16	168	1320	156		CV						8.5
		Add 14# chick/100sf Add 20# chick/100 sf	6.0	21 28	38 51	207 230	1140 1200	284 300		6K 8.6K						4.0
CA		Add 4# Blood/18 sf	7.1	41	45	339	1650		10K	1.3	2.0	12	31	0.04	1.3	4.4
CA		Add 40# chic/100 sf	6.5	168	123	415	2010	473		1.5	2.0	12	- 51	0.04	1.5	4.2
CA		Add 40# chic/150 sf	6.4	59	40	244	1960	435								4.5
CA		Add 5# lime/100 sf	6.2	11	8	390	1090	335	x							3.3
CA	Santa Cruz Paul's	Blood meal add 3#	6.2	7	31	132	1030	264	x							3.9
CA	Santa Cruz Paul's	Poppies no fert	5.8	8	11	151	808	308	x							2.6
CA	Santa Cruz tarpl	Airport Danthonia	6.3	27	20	111	1363	187	х	1.0	5.0	10	40	0.25	2.8	7.3
St		What tested	рΗ	N	P	K	Ca	Mg	OM%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	Santa Cruz tarpl	Airport good	5.6	56	27	51	1196	215		1.0	4.0	9	36	0.40	2.8	5.6
CA		Arana Gulch Ideal	6.5	156	40	77	988	125		1.0	4.0	6	28		4.0	7.9
CA		Arana max 2013	6.2	115	38	467	2899	682		0.0	0.0	0	0	0.00		4.3
CA		Arana mean 2013	5.0	87	13	202	622	137		0.0	0.0	0	0	0.00		4.5
CA		Arana mean 2018	4.8	13	7	209	629	120		0.0	0.0	0	0	0.00		5.2
		Arana min 2013	4.4	59	3	88	440	91		0.0	0.0	0	0	0.00		4.8
		Armony	5.6	56	27	248	1196	215		1.0	4.0	9	3	0.25	3.0	5.6
		Armory	4.8	11	23	238	2223	357		2.0	7.0	27	158	0.05	3.0	6.2
CA		Elkhorn roadside	5.4	97	23 7	236 436	1727	489		1.0	5.0	10 35	50	0.30	3.2	3.5
CA		Max #A 2018 Max #B 2018	5.3	20 13	19	392	786 622	209 143		X	X	19	253 108	0.16	Х	3.8 4.3
CA		Max #C 2018	5.5	15	8	353	769	128		X	X	24	184	0.03		6.0
		Max #D 2018	5.2	21	5	180	620	103		X	X	22	146	0.10		6.0
		Min #A 2018	4.4	12	3	42	587	109		X	X	16	72	0.08		5.4
		Min #B 2018	4.6	9	10	237	532	115		X	X	12	75	0.07		4.6
CA		Min #C 2018	4.5	11	3	166	553	77		X	X	18	68	0.08		7.2
CA		Min #D 2018	4.4	10	3	74	459	75		х	x	15	86	0.07		6.1
CA		Tarplant Hill	4.7	50	32	508	1930	434	x	1.0	6.0	60	91	0.28	3.2	4.4
CA	Shaw's	Poor	5.6	14	1	130	700	394	x							1.8
CA	Shaws	Burn	5.0	14	13	240	710	246	X							2.9
CA	Shaws	Good Stipa	5.3	11	3	120	740	254								2.9
		Gully soil	5.9	9	1	30	780	704	х							1.1
CA	Shaws	Non-Stipa soil	5.3	13	5	140	790	210	Х							3.8
St	Site	What tested	рΗ	N	P	K	Ca	Mg	ом%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	Shaws	Stipa reference	5.4	21	14	190	940	338	x							2.8
CA	SLO County	Spineflower thesh	6.3	15	7	94	525	111	0.6	х	х	Х	х	х	Х	4.7
	Somona County	Stipa threshold	6.3		27	681	1900	567	23.4	х	Х	Х	Х	х	Х	3.4
	Soquel - Amigo Rd		5.2		9	180	1210	306	2.5							4.0
	Soquel - Amigo Rd		5.4		16	240	1170	415	2.2	1.0	2.0	22	22	0.07	0.0	2.8
	Stanford	Avena good	6.7 5.8	8 11	31 18	298 245	1887 1578	378 756	7.0	1.9	3.0	22	22	0.07	0.6	5.0
CA			5.0		10				8.0	1.5	3.0 1.0	53 17	59 18	0.14	0.9	2.1 7.0
	Stanford	Filaree							4.0			1/	10			5.7
CA	Stanford	Good Stipa	7.0	7	17	135	1995	285	4.0	1.3						3.7
CA CA	Stanford Stanford	Good Stipa Medusa	7.0 6.1	7 14	17 26	135 212	1995 1843	285 326	9.0	2.0	4.0	49	52	0.10	1.1	83
CA CA CA	Stanford Stanford Stanford	Good Stipa Medusa Melica test	7.0 6.1 6.6	7 14 10	17 26 21	135 212 349	1995 1843 2923	285 326 352	9.0 8.0	2.0 2.6	4.0 2.0	49 35	52 35	0.10 0.08	1.0	8.3
CA CA CA	Stanford Stanford Stanford Stanford	Good Stipa Medusa Melica test No Stipa	7.0 6.1 6.6 6.4	7 14 10 8	17 26 21 25	135 212 349 164	1995 1843 2923 2218	285 326 352 356	9.0 8.0 6.0	2.0 2.6 1.5	4.0 2.0 2.0	49 35 32	52 35 25	0.10 0.08 0.09	1.0 0.6	6.2
CA CA CA CA	Stanford Stanford Stanford Stanford Stanford	Good Stipa Medusa Melica test	7.0 6.1 6.6 6.4 7.0	7 14 10 8	17 26 21 25 25	135 212 349 164 204	1995 1843 2923 2218 1999	285 326 352 356 325	9.0 8.0 6.0 5.0	2.0 2.6 1.5 2.0	4.0 2.0 2.0 1.0	49 35	52 35 25 31	0.10 0.08 0.09 0.12	1.0 0.6 1.6	6.2 6.2
CA CA CA CA CA	Stanford Stanford Stanford Stanford	Good Stipa Medusa Melica test No Stipa Solid mustards	7.0 6.1 6.6 6.4	7 14 10 8 7 16	17 26 21 25	135 212 349 164	1995 1843 2923 2218	285 326 352 356	9.0 8.0 6.0 5.0 14.0	2.0 2.6 1.5	4.0 2.0 2.0	49 35 32 26	52 35 25	0.10 0.08 0.09	1.0 0.6	6.2 6.2 17.5
CA CA CA CA CA CA	Stanford Stanford Stanford Stanford Stanford Stanford	Good Stipa Medusa Melica test No Stipa Solid mustards Thistles	7.0 6.1 6.6 6.4 7.0 7.2	7 14 10 8 7 16 50	17 26 21 25 25 25	135 212 349 164 204 445	1995 1843 2923 2218 1999 5819	285 326 352 356 325 332	9.0 8.0 6.0 5.0 14.0	2.0 2.6 1.5 2.0 2.7	4.0 2.0 2.0 1.0 3.0	49 35 32 26 30	52 35 25 31 27	0.10 0.08 0.09 0.12 0.12	1.0 0.6 1.6 1.5	6.2 6.2 17.5 7.6
CA CA CA CA CA CA CA	Stanford Stanford Stanford Stanford Stanford Stanford Tarplant Hill Wat	Good Stipa Medusa Melica test No Stipa Solid mustards Thistles Tarplant should be	7.0 6.1 6.6 6.4 7.0 7.2 6.5	7 14 10 8 7 16 50 25	17 26 21 25 25 29 32	135 212 349 164 204 445 145	1995 1843 2923 2218 1999 5819 1930	285 326 352 356 325 332 255 434	9.0 8.0 6.0 5.0 14.0	2.0 2.6 1.5 2.0 2.7 1.4	4.0 2.0 2.0 1.0 3.0 6.0	49 35 32 26 30 12	52 35 25 31 27 54	0.10 0.08 0.09 0.12 0.12 0.28	1.0 0.6 1.6 1.5 3.2	6.2 6.2 17.5 7.6 2.7
CA CA CA CA CA CA CA	Stanford Stanford Stanford Stanford Stanford Stanford Stanford Tarplant Hill Wat Tarplant Hill Wat	Good Stipa Medusa Melica test No Stipa Solid mustards Thistles Tarplant should be Tarplant test	7.0 6.1 6.6 6.4 7.0 7.2 6.5 4.7	7 14 10 8 7 16 50 25 27	17 26 21 25 25 29 32 16	135 212 349 164 204 445 145 508	1995 1843 2923 2218 1999 5819 1930 1158	285 326 352 356 325 332 255 434	9.0 8.0 6.0 5.0 14.0 x	2.0 2.6 1.5 2.0 2.7 1.4 1.5	4.0 2.0 2.0 1.0 3.0 6.0 5.0	49 35 32 26 30 12 60	52 35 25 31 27 54 91	0.10 0.08 0.09 0.12 0.12 0.28 0.11	1.0 0.6 1.6 1.5 3.2 1.9	6.2 6.2 17.5 7.6 2.7 8.1
CA CA CA CA CA CA CA CA	Stanford Stanford Stanford Stanford Stanford Stanford Stanford Tarplant Hill Wat Twissleman	Good Stipa Medusa Melica test No Stipa Solid mustards Thistles Tarplant should be Tarplant test Red Brome	7.0 6.1 6.6 6.4 7.0 7.2 6.5 4.7 7.3 7.7 5.8	7 14 10 8 7 16 50 25 27 7	17 26 21 25 25 29 32 16 66	135 212 349 164 204 445 145 508 435	1995 1843 2923 2218 1999 5819 1930 1158 2350	285 326 352 356 325 332 255 434 290	9.0 8.0 6.0 5.0 14.0 x x	2.0 2.6 1.5 2.0 2.7 1.4 1.5 0.0	4.0 2.0 2.0 1.0 3.0 6.0 5.0 0.0	49 35 32 26 30 12 60	52 35 25 31 27 54 91	0.10 0.08 0.09 0.12 0.12 0.28 0.11	1.0 0.6 1.6 1.5 3.2 1.9	6.2 17.5 7.6 2.7 8.1 6.7 4.9
CA C	Stanford Stanford Stanford Stanford Stanford Stanford Tarplant Hill Wat Twissleman Twissleman 2-3" Village H carb.seq Village H carb.seq	Good Stipa Medusa Melica test No Stipa Solid mustards Thistles Tarplant should be Tarplant test Red Brome under Red Brome Sprite WO 2-4" Sprite WO top 2"	7.0 6.1 6.6 7.0 7.2 6.5 4.7 7.3 7.7 5.8 5.9	7 14 10 8 7 16 50 25 27 7 4	17 26 21 25 25 29 32 16 66 30	135 212 349 164 204 445 145 508 435 314	1995 1843 2923 2218 1999 5819 1930 1158 2350 1370 1010 1280	285 326 352 356 325 332 255 434 290 205 207 248	9.0 8.0 6.0 5.0 14.0 x x 14.7 6.9 7.6	2.0 2.6 1.5 2.0 2.7 1.4 1.5 0.0	4.0 2.0 2.0 1.0 3.0 6.0 5.0 0.0	49 35 32 26 30 12 60 0	52 35 25 31 27 54 91 0	0.10 0.08 0.09 0.12 0.12 0.28 0.11 0.00 0.00	1.0 0.6 1.6 1.5 3.2 1.9 0.0	6.2 17.5 7.6 2.7 8.1 6.7 4.9
CA C	Stanford Stanford Stanford Stanford Stanford Stanford Tarplant Hill Wat Tarplant Hill Wat Twissleman Twissleman 2-3" Village H carb.seq Village H carb.seq Village Hill test A	Good Stipa Medusa Melica test No Stipa Solid mustards Thistles Tarplant should be Tarplant test Red Brome under Red Brome Sprite WO 2-4" Sprite WO top 2" Town Woodside	7.0 6.1 6.6 6.4 7.0 7.2 6.5 4.7 7.3 7.7 5.8 5.9 7.5	7 14 10 8 7 16 50 25 27 7 4 5	17 26 21 25 25 29 32 16 66 30 15 30	135 212 349 164 204 445 145 508 435 314 78 191	1995 1843 2923 2218 1999 5819 1930 1158 2350 1370 1010 1280 3220	285 326 352 356 325 332 255 434 290 205 207 248 443	9.0 8.0 6.0 5.0 14.0 x x 14.7 6.9 7.6	2.0 2.6 1.5 2.0 2.7 1.4 1.5 0.0 0.0	4.0 2.0 2.0 1.0 3.0 6.0 5.0 0.0	49 35 32 26 30 12 60 0	52 35 25 31 27 54 91 0	0.10 0.08 0.09 0.12 0.12 0.28 0.11 0.00 0.00	1.0 0.6 1.6 1.5 3.2 1.9 0.0 0.0	6.2 17.5 7.6 2.7 8.1 6.7 4.9 5.2 7.3
CA C	Stanford Stanford Stanford Stanford Stanford Stanford Stanford Tarplant Hill Wat Tarplant Hill Wat Twissleman Twissleman 2-3" Village H carb.seq Village Hill test A Village Hill test B	Good Stipa Medusa Melica test No Stipa Solid mustards Thistles Tarplant should be Tarplant test Red Brome under Red Brome Sprite WO 2-4" Sprite WO top 2" Town Woodside Town Woodside	7.0 6.1 6.6 6.4 7.0 7.2 6.5 4.7 7.3 7.7 5.8 5.9 7.5 7.3	7 14 10 8 7 16 50 25 27 7 4 5	17 26 21 25 25 29 32 16 66 30 15 30 3	135 212 349 164 204 445 508 435 314 78 191 113	1995 1843 2923 2218 1999 5819 1930 1158 2350 1370 1010 1280 3220 3042	285 326 352 356 325 332 255 434 290 205 207 248 443 291	9.0 8.0 6.0 5.0 14.0 x x 14.7 6.9 7.6 x	2.0 2.6 1.5 2.0 2.7 1.4 1.5 0.0 0.0	4.0 2.0 2.0 1.0 3.0 6.0 5.0 0.0 0.0	49 35 32 26 30 12 60 0	52 35 25 31 27 54 91 0 0	0.10 0.08 0.09 0.12 0.12 0.28 0.11 0.00 0.00	1.0 0.6 1.6 1.5 3.2 1.9 0.0 0.0	6.2 6.2 17.5 7.6 2.7 8.1 6.7 4.9 5.2 7.3
CA C	Stanford Stanford Stanford Stanford Stanford Stanford Stanford Tarplant Hill Wat Tarplant Hill Wat Twissleman Twissleman 2-3" Village H carb.seq Village Hill test A Village Hill test B Watsonv Air SCT	Good Stipa Medusa Melica test No Stipa Solid mustards Thistles Tarplant should be Tarplant test Red Brome under Red Brome Sprite WO 2-4" Sprite WO top 2" Town Woodside Town Woodside Tarpl should be	7.0 6.1 6.6 6.4 7.0 7.2 6.5 4.7 7.3 7.7 5.8 5.9 7.5 7.3 6.5	7 14 10 8 7 16 50 25 27 7 4 5 5 8	17 26 21 25 25 29 32 16 66 30 15 30 3 2	135 212 349 164 204 445 145 508 435 431 78 191 113 79	1995 1843 2923 2218 1999 5819 1930 1158 2350 1370 1010 1280 3220 3042 1363	285 326 352 356 325 332 255 434 290 205 207 248 443 291	9.0 8.0 6.0 5.0 14.0 x x 14.7 6.9 7.6 x	2.0 2.6 1.5 2.0 2.7 1.4 1.5 0.0 0.0	4.0 2.0 2.0 1.0 3.0 6.0 5.0 0.0 0.0	49 35 32 26 30 12 60 0 0	52 35 25 31 27 54 91 0 0	0.10 0.08 0.09 0.12 0.12 0.28 0.11 0.00 0.00	1.0 0.6 1.6 1.5 3.2 1.9 0.0 0.0	6.2 6.2 17.5 7.6 2.7 8.1 6.7 4.9 5.2 7.3 10.5
CA C	Stanford Stanford Stanford Stanford Stanford Stanford Stanford Tarplant Hill Wat Tarplant Hill Wat Twissleman Twissleman 2-3" Village H carb.seq Village Hill test A Village Hill test B Watsonv Air SCT	Good Stipa Medusa Melica test No Stipa Solid mustards Thistles Tarplant should be Tarplant test Red Brome under Red Brome Sprite WO 2-4" Sprite WO top 2" Town Woodside Town Woodside Tarpl should be Tarplant test	7.0 6.1 6.6 6.4 7.0 7.2 6.5 4.7 7.3 7.7 5.8 5.9 7.5 6.5 6.5	7 14 10 8 7 16 50 25 27 7 4 5 7 8 27	17 26 21 25 25 29 32 16 66 30 15 30 2 20 2	135 212 349 164 204 445 508 435 314 78 191 113 79 111	1995 1843 2923 2218 1999 5819 1930 1158 2350 1370 1010 1280 3220 3042 1363 818	285 326 352 356 325 332 255 434 290 205 207 248 443 291 187 506	9.0 8.0 5.0 14.0 x x 14.7 6.9 7.6 x x	2.0 2.6 1.5 2.0 2.7 1.4 1.5 0.0 0.0	4.0 2.0 2.0 1.0 3.0 6.0 5.0 0.0 0.0 2.0 3.0 5.0	49 35 32 26 30 12 60 0 0	52 35 25 31 27 54 91 0 0 5 5 40 16	0.10 0.08 0.09 0.12 0.28 0.11 0.00 0.00 0.04 0.03 0.25 0.05	1.0 0.6 1.6 1.5 3.2 1.9 0.0 0.0 0.4 0.3 2.8 1.4	6.2 6.2 17.5 7.6 2.7 8.1 6.7 4.9 5.2 7.3 10.5 7.3
CA C	Stanford Stanford Stanford Stanford Stanford Stanford Stanford Stanford Tarplant Hill Wat Twissleman Twissleman 2-3" Village H carb.seq Village Hill test A Village Hill test B Watsonv Air SCT Watsonv Good	Good Stipa Medusa Melica test No Stipa Solid mustards Thistles Tarplant should be Tarplant test Red Brome under Red Brome Sprite WO 2-4" Sprite WO top 2" Town Woodside Town Woodside Tarplant test Tarplant test Tarplant test Tarplant should be	7.0 6.1 6.6 6.4 7.0 7.2 6.5 4.7 7.3 7.7 5.8 5.9 7.5 6.5 6.4 6.5	7 14 10 8 7 16 50 25 27 7 4 5 7 8 27 9	17 26 21 25 29 32 16 66 30 15 30 2 20 27	135 212 349 164 204 445 508 435 314 78 191 113 79 111 111	1995 1843 2923 2218 1999 5819 1930 1158 2350 1370 1010 1280 3220 3042 1363 818	285 326 352 356 325 332 255 434 290 205 207 248 443 291 187 506	9.0 8.0 5.0 14.0 x x 14.7 6.9 7.6 x x	2.0 2.6 1.5 2.0 2.7 1.4 1.5 0.0 0.0	4.0 2.0 2.0 1.0 3.0 6.0 5.0 0.0 0.0	49 35 32 26 30 12 60 0 0	52 35 25 31 27 54 91 0 0	0.10 0.08 0.09 0.12 0.12 0.28 0.11 0.00 0.00	1.0 0.6 1.6 1.5 3.2 1.9 0.0 0.0 0.4 0.3 2.8 1.4 2.8	6.2 6.2 17.5 7.6 2.7 8.1 6.7 4.9 5.2 7.3 10.5 7.3
CA C	Stanford Stanford Stanford Stanford Stanford Stanford Stanford Tarplant Hill Wat Tarplant Hill Wat Twissleman Twissleman 2-3" Village H carb.seq Village Hill test A Village Hill test B Watsonv Air SCT	Good Stipa Medusa Melica test No Stipa Solid mustards Thistles Tarplant should be Tarplant test Red Brome under Red Brome Sprite WO 2-4" Sprite WO top 2" Town Woodside Town Woodside Tarpl should be Tarplant test	7.0 6.1 6.6 6.4 7.0 7.2 6.5 4.7 7.3 7.7 5.8 5.9 7.5 6.5 6.5	7 14 10 8 7 16 50 25 27 7 4 5 5 27 7 4 5 9	17 26 21 25 25 29 32 16 66 30 15 30 2 20 2	135 212 349 164 204 445 508 435 314 78 191 113 79 111	1995 1843 2923 2218 1999 5819 1930 1158 2350 1370 1010 1280 3220 3042 1363 818	285 326 352 356 325 332 255 434 290 205 207 248 443 291 187 506	9.0 8.0 5.0 14.0 x x 14.7 6.9 7.6 x x	2.0 2.6 1.5 2.0 2.7 1.4 1.5 0.0 0.0	4.0 2.0 2.0 1.0 3.0 6.0 5.0 0.0 0.0 2.0 3.0 5.0	49 35 32 26 30 12 60 0 0	52 35 25 31 27 54 91 0 0 5 5 40 16	0.10 0.08 0.09 0.12 0.28 0.11 0.00 0.00 0.04 0.03 0.25 0.05	1.0 0.6 1.6 1.5 3.2 1.9 0.0 0.0 0.4 0.3 2.8 1.4	8.3 6.2 17.5 7.6 2.7 4.9 5.2 7.3 10.5 7.3 1.6 7.2

Nitrogen ppm sorted

	Site	What tested		N	P	K		_	ом% (cu Z	n N	1an F	e E	s S	ul C	a/Mg
	Carrizo plains3	Topaz solar Stipa	6.0	2		239	518	1650	1.5							0.3
	Carrizo plains1	Topaz solar Stipa	7.7	3			474	3880	2.0			-				0.1
	Carrizo plains1	Topaz solar Stipa	7.4	3			1750	4220	2.5							0.4
	Carrizo plains2	Topaz solar Stipa	7.4	3			1450	4180	2.3							0.3
	Carrizo plains4	Topaz solar Stipa	7.1	3		542	662	3550	2.4							0.2
	Carrizo plains5	Topaz solar Stipa	7.5	3		370	473	3980	2.7							0.1
	Cañada College	Poppies	7.0	4		116	4690	1340								3.5
	HMB Drury	Fescue fair-good	5.5	4		100	2640	1020	5.3							2.6
CA	Orinda Bill	Driveway West	6.3	4	31	303	3320	326								10.2
CA	Village H carb.seq	Sprite WO 2-4"	5.8	4	15	78	1010	207	6.9							4.9
CA	La Honda	Slide meadow	6.9	5	15	326	2360	681	X							3.5
CA	Orinda Bill	Driveway East	6.7	5	31	232	4070	526	X							7.7
CA	Orinda Bill	Meadow	6.0	5	10	215	3060	764	x							4.0
CA	Orinda Bill	Oak Hill	5.8	5	8	276	3330	734	x							4.5
	Orinda Sandy	Walnut orchard	6.1	5	25	343	2170	483								4.
	Village H carb.seq	Sprite WO top 2"	5.9	5			1280	248	7.6							5
	HMB Drury	Eroded subsoil	7.1	6		130	2480	1050	0.8							2.
	HMB Drury	Fescue above gully	5.1	6			1420	1420	3.4							1.0
	Napa W. Reinhardt		6.3	6			672	158								4.3
				7								-				
	Cañada College	Lotus ideal	5.9			162	678	2400	15.9							0.3
	Carrizo plains6	Topaz solar Stipa	6.1	7		468	431	1640	2.3							0
	HMB Drury	Fescue poor	5.1	7	25	160	2470	1780	5.2							1.4
	HMB Drury	Good soil behind hs	6.1	7			1380	1380	2.6							1.0
	Hwy 46 PM 26	Indian ricegrass	7.4	7			229	49	0.7	0.0	0.0	0	0	0.00	0.0	4.
CA	I-505/14 ave.	Evening primrose	7.7	7		287	5130	127	5.3							40.4
CA	Napa W. Reinhardt	Biocrust+	6.5	7	4	48	1000	191	x							5.
	Site	What tested	рΗ	N	Р	K	Ca	Mg	ом%	Cu	Zn	Man	Fe	В	Sul	Ca/l
CA	Orinda Bill	Corral West	6.4	7				783								4
CA	Orinda Sandy	Knoll	6.3	7	7 26	255	2650	682	2.5							
	Santa Cruz Paul's	Blood meal add 3#	6.2		7 3:	1 132	1030	264								
	Stanford	Good Stipa	7.0	-				285	4.0	1.3	1.0	17	18	0.05	0.4	
	Stanford	Solid mustards	7.0	-				325	5.0	2.0	1.0	26	31	0.12	1.6	(
	Twissleman 2-3"	under Red Brome	7.7					205	4.7	0.0	0.0	0	0	0.00	0.0	
	Village Hill test A	Town Woodside	7.5			3 113		443		1.2	2.0	1	5	0.04	0.4	
	Central coast1	Velt sand dunes	6.0	8		5 17		35								4
CA	Central coast2	Velt sand dunes	6.2	8				60	X							į
CA	Central coast3	Native plants grow	7.2	8	3	7 17	234	32								
CA	HMB Drury	Behind parking	5.1	8	3 42	150	2130	1490	5.4							
	Santa Cruz Paul's	Poppies no fert	5.8	8	3 1:	151	808	308	x							- 2
	Stanford	Avena good	6.7					378	7.0	1.9	3.0	22	22	0.07	0.6	
	Stanford	No Stipa	6.4					356	6.0	1.5	2.0	32	25	0.09	0.6	
	Village Hill test B	Town Woodside	7.3			2 79		291		1.7	3.0	1	5	0.03	0.3	10
	HMB Drury	Bare leach field	4.8	9				1770	3.3							
CA	HMB Drury	Roadway below bar	4.8	9				1990	0.4							
CA	Santa Cruz tarpl	Min #B 2018	4.6	9	10	237	532	115	Х	x	X	12	75	0.07		4
CA	Shaws	Gully soil	5.9	9	9 :	1 30	780	704	х							1
CA	Watsonv Air SCT	Tarplant test	6.4	9	9 :	2 111	818	506	х	0.7	2.0	3	16	0.05	1.4	
	Albany Hill	Peggies Park	7.1	10				367				_		0.00		(
	Calimesa	Wild oats	7.1	10				519	5.2	0.0	0.0	0	0	0.00	0.0	
										0.0	0.0	- 0	- 0	0.00	0.0	
	Cañada College	Grass plot	6.4	10				404								4
	El Cerrito - School		6.7	10				1070								(
CA	I-280-Page Mill Rd	Stipa	6.8	10) 27	456	3220	797	8.7							4
	Petaluma serp	Wild oats	5.6	10		93	456	202								
C+	Site	What tested	рН	N	Р	K	Ca	Mg	OM%	Cu	Zn	Mar	ı Fe	В	Sul	Ca/
	Santa Cruz tarpl	Min #D 2018	4.4		.0		4 459		5 X	X	X	15				Car
	Stanford	Melica test	6.6			1 34)
	Armory SC tarpl	Tarplant test	4.8			3 24			7 x	2.0			7 158			
										2.0	7.0	- 21	130	, 0.05	3.0	,
	El Cerrito - Schoo		6.5			2 3										
ιΔ	HMB Drury	Fescue	5.0			6 18)			-			-
	Santa Cruz Paul's		6.2		1	8 39			5 X							
CA		Armory	4.8		1 2	3 23	8 2223	357	7 x	2.0	7.0	27	158)
CA	Santa Cruz tarpl		4.5	1	1	3 16			7 x	Х	х	18	68	0.08		
CA CA	Santa Cruz tarpi Santa Cruz tarpi	Min #C 2018			1	3 12								1		
CA CA CA	Santa Cruz tarpl	Min #C 2018 Good Stipa	5.3							1.5	3.0	53	3 59	0.14	0.9	9
CA CA CA CA	Santa Cruz tarpl Shaws	Good Stipa	5.3		1 1	8 24					3.0	. 50		3.17	0.5	
CA CA CA CA	Santa Cruz tarpl Shaws Stanford	Good Stipa Filaree	5.8	1		8 24		J 3U		1						
CA CA CA CA CA	Santa Cruz tarpl Shaws Stanford Anita's Condos	Good Stipa Filaree Wild oats, ripgut	5.8 7.3	1	2 1	6 14	5 3750					-				
CA CA CA CA CA CA	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College	Good Stipa Filaree Wild oats, ripgut Lotus good	5.8 7.3 6.7	1 1	2 1	6 14	5 3750 1 3720	1130	9.0)						
CA CA CA CA CA CA CA	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow	5.8 7.3 6.7 6.0	1 1 1	2 1 2 2 2 1	.6 14 2 17 2 5	5 3750 1 3720 4 378	1130	9.0							
CA CA CA CA CA CA CA	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury	Good Stipa Filaree Wild oats, ripgut Lotus good	5.8 7.3 6.7 6.0 5.0	1 1 1 1	2 1 2 2 2 1	6 14	5 3750 1 3720 4 378	1130	9.0	,						
CA CA CA CA CA CA CA CA	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow	5.8 7.3 6.7 6.0	1 1 1 1	2 1 2 2 2 1	.6 14 2 17 2 5	5 3750 1 3720 4 378 0 1760	1130 3 52 0 1760	9.0	,						
CA CA CA CA CA CA CA CA	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury Hwy 58 and 395	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow Road cut nr. Grove Stinkwort	5.8 7.3 6.7 6.0 5.0 7.1	1 1 1 1 1	2 1 2 2 2 1 2 3 2	6 14 2 17 2 5 0 21 1 50	5 3750 1 3720 4 378 0 1760 0 1750	1130 3 52 1760 3 353	9.0 2 1.7 3 6.7	,	×	16	5 72	2 0.08		
CA CA CA CA CA CA CA CA CA	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury Hwy 58 and 395 Santa Cruz tarpl	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow Road cut nr. Grove Stinkwort Min #A 2018	5.8 7.3 6.7 6.0 5.0 7.1 4.4	1 1 1 1 1 1	2 1 2 2 2 1 2 3 2 2	6 14 2 17 2 5 0 21 1 50 3 4	5 3750 1 3720 4 378 0 1760 0 1750 2 587	1130 3 52 0 1760 0 353 7 109	9.0 2 3 1.7 3 6.7 9 x	×	X	16	5 72	2 0.08		
CA CA CA CA CA CA CA CA CA	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury Hwy 58 and 395 Santa Cruz tarpl Central coast9	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow Road cut nr. Grove Stinkwort Min #A 2018 Doveweed	5.8 7.3 6.7 6.0 5.0 7.1 4.4 6.6	1 1 1 1 1 1 1 1 1	2 1 2 2 2 1 2 3 2 2 2 3	6 14 2 17 2 5 60 21 1 50 3 4 0 7	5 3750 1 3720 4 378 0 1760 0 1750 2 587 8 2140	1130 3 52 0 1760 0 353 7 109 0 1190	9.0 2 3 1.7 3 6.7 9 x 9 9.1	×	X	16	5 72	2 0.08		
CA CA CA CA CA CA CA CA CA CA	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury Hwy 58 and 395 Santa Cruz tarpl Central coast9 Orinda Bill	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow Road cut nr. Grove Stinkwort Min #A 2018 Doveweed Corral East	5.8 7.3 6.7 6.0 5.0 7.1 4.4 6.6 6.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 2 2 1 2 3 2 2 3 1 3 1	6 14 2 17 2 5 60 21 1 50 3 4 0 7 9 26	5 3750 1 3720 4 378 0 1760 0 1750 2 587 8 2140 2 3550	1130 3 52 0 1760 0 353 7 109 0 1190 0 706	9.0 2 3 1.7 3 6.7 9 x 9 9.1	x .						
CA CA CA CA CA CA CA CA CA CA	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury Hwy 58 and 395 Santa Cruz tarpl Central coast9 Orinda Bill Santa Cruz tarpl	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow Road cut nr. Grove Stinkwort Min #A 2018 Doveweed Corral East Arana mean 2018	5.8 7.3 6.7 6.0 5.0 7.1 4.4 6.6 6.3 4.8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 2 2 1 2 3 2 2 2 3 3 1 3 3	6 14 2 17 2 5 0 21 1 50 3 4 0 7 9 26 7 20	5 3750 1 3720 4 378 0 1760 0 1750 2 587 8 2140 2 3550 9 629	1130 3 52 0 1760 0 353 7 109 0 1190 0 706	9.0 2 3 1.7 3 6.7 9 x 9 x 9 9.1 5 x	x 0.0	0.0) () (0.00		
CA C	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury Hwy 58 and 395 Santa Cruz tarpl Central coast9 Orinda Bill Santa Cruz tarpl Santa Cruz tarpl	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow Road cut nr. Grove Stinkwort Min #A 2018 Doveweed Corral East Arana mean 2018 Max #B 2018	5.8 7.3 6.7 6.0 5.0 7.1 4.4 6.6 6.3 4.8 5.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 2 2 1 2 3 2 2 2 3 3 1 3 3	6 14 2 17 2 5 6 21 1 50 3 4 0 7 9 26 7 20 9 39	5 3750 1 3720 4 378 0 1760 0 1750 2 587 8 2140 2 3550 9 629 2 622	1130 3 52 0 1760 0 353 7 109 0 1190 0 706 0 120 2 143	9.0 2 3 6.7 9 x 9 9.1 5 x 9 x	x .) (0.00		
CA C	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury Hwy 58 and 395 Santa Cruz tarpl Central coast9 Orinda Bill Santa Cruz tarpl	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow Road cut nr. Grove Stinkwort Min #A 2018 Doveweed Corral East Arana mean 2018	5.8 7.3 6.7 6.0 5.0 7.1 4.4 6.6 6.3 4.8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 2 2 1 2 3 2 2 2 3 3 1 3 3	6 14 2 17 2 5 0 21 1 50 3 4 0 7 9 26 7 20	5 3750 1 3720 4 378 0 1760 0 1750 2 587 8 2140 2 3550 9 629 2 622	1130 3 52 0 1760 0 353 7 109 0 1190 0 706 0 120 2 143	9.0 2 3 6.7 9 x 9 9.1 5 x 9 x	x 0.0	0.0) () (0.00		
CA C	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury Hwy 58 and 395 Santa Cruz tarpl Central coast9 Orinda Bill Santa Cruz tarpl Santa Cruz tarpl Shaws	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow Road cut nr. Grove Stinkwort Min #A 2018 Doveweed Corral East Arana mean 2018 Max #B 2018 Non-Stipa soil	5.8 7.3 6.7 6.0 5.0 7.1 4.4 6.6 6.3 4.8 5.3 5.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 2 2 1 2 3 2 2 2 3 3 1 3 3 3 3 1	6 14 2 17 2 5 6 21 1 50 3 4 0 7 9 26 7 20 9 39 5 14	5 3750 1 3720 4 378 0 1760 0 1750 2 587 8 2140 2 3550 9 629 2 622 0 790	1130 3 52 0 1760 0 353 7 109 0 1190 0 706 0 120 2 143	9.0 2 3 6.7 9 x 9 9.1 6 x 0 x 3 x	x 0.0	0.0) () (0.00		1
CA C	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury Hwy 58 and 395 Santa Cruz tarpl Central coast9 Orinda Bill Santa Cruz tarpl Santa Cruz tarpl Shaws Alpine Road	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow Road cut nr. Grove Stinkwort Min #A 2018 Doveweed Corral East Arana mean 2018 Max #B 2018 Non-Stipa soil Heterotheca	5.8 7.3 6.7 6.0 5.0 7.1 4.4 6.6 6.3 4.8 5.3 7.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 2 2 1 2 3 2 2 2 3 3 1 3 3 3 3 4 4	6 14 2 17 2 5 0 21 1 50 3 4 0 7 9 26 7 20 9 39 5 14 6 47	5 3750 1 3720 4 378 0 1760 0 1750 2 587 8 2140 2 3550 9 629 2 622 0 790 9 3710	1130 1130 1760 1760 1760 1190 1190 1190 120 143 143 143 144 150 160 1760 1	9.00 1.70	0.00 x	0.0) () (0.00		
CA C	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury Hwy 58 and 395 Santa Cruz tarpl Central coast9 Orinda Bill Santa Cruz tarpl Santa Cruz tarpl Santa Cruz tarpl Shaws Alpine Road Cal I-10	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow Road cut nr. Grove Stinkwort Min #A 2018 Doveweed Corral East Arana mean 2018 Max #B 2018 Non-Stipa soil Heterotheca Sahara mustard	5.8 7.3 6.7 6.0 5.0 7.1 4.4 6.6 6.3 4.8 5.3 7.3 7.6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 2 2 1 2 3 2 2 2 3 3 1 3 3 3 4 4 4 4 1	6 14 2 17 2 5 0 21 1 50 3 4 0 7 9 26 7 20 9 39 5 14 6 47 8 12	5 37505 1 37204 4 3780 0 17600 0 17502 2 587 8 2140 2 3550 9 629 2 622 0 790 9 3710 8 519	1130 1130 1530 1560 1570 1570 1570 1570 1570 1570 1570 157	9.00 2 1.7 3 6.7 9 x 9.1 5 x 0 x 3 x 0 x 7 x	0.00 x	0.0) () (0.00		
CA C	Santa Cruz tarpl Shaws Stanford Anita's Condos Cañada College Central coast2 HMB Drury Hwy 58 and 395 Santa Cruz tarpl Central coast9 Orinda Bill Santa Cruz tarpl Santa Cruz tarpl Shaws Alpine Road	Good Stipa Filaree Wild oats, ripgut Lotus good Native plants grow Road cut nr. Grove Stinkwort Min #A 2018 Doveweed Corral East Arana mean 2018 Max #B 2018 Non-Stipa soil Heterotheca	5.8 7.3 6.7 6.0 5.0 7.1 4.4 6.6 6.3 4.8 5.3 7.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 2 2 1 2 3 2 2 2 3 3 1 3 3 4 4 4 4 1 4 1	6 14 2 17 2 5 0 21 1 50 3 4 0 7 9 26 7 20 9 39 5 14 6 47	5 3750 1 3720 4 378 0 1760 0 1755 2 587 8 2140 2 3552 9 3710 9 3710 8 519 4 2810	1130 1130 1130 1130 1130 1130 1130 1130	9.00 9.00 1.70 9.10	0.0 X	0.0 x	19	9 108	0.00		1 1

Nitrogen ppm sorted

St	Site	What tested	рΗ	N	Р	K	Ca	Mg	ом%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
	Shaw's	Poor	5.6				700	394								1.8
CA	Shaws	Burn	5.0	14	13	240	710	246	x							2.9
CA	Stanford	Medusa	6.1	14	26	212	1843	326	9.0	2.0	4.0	49	52	0.10	1.1	5.7
CA	Cañada College	Lotus min. fertilized	6.7	15	61	323	1410	1100	17.0							1.3
CA	Central coast7	Spineflower ref.	6.3	15	7	94	525	111								6.5
CA	HMB Drury	Good soil slide	5.0	15	15	170	1970	1340	1.1							1.5
CA	Santa Cruz tarpl	Max #C 2018	5.5	15	8	353	769	128	X	Х	x	24	184	0.13		6.0
CA	SLO County	Spineflower thesh	6.3	15	7	94	525	111	0.6	X	X	x	Х	X	x	4.7
CA	El Cerrito - Val's	Arlington #2	6.4	16	26	47	645	626	x							1.0
CA	Stanford	Thistles	7.2	16	29	445	5819	332	14.0	2.7	3.0	30	27	0.12	1.5	17.5
CA	Woodside	Merediths Brome	6.3	16	63	315	3330	328	x						11	10.2
CA	Woodside	Merediths Stipa	5.8	16	49	82	1770	567	x						22	3.1
CA	Arana Gulch	SC tarplant test	5.2	17	14	176	790	202	x	1.0	2.0	15	53	0.11	0.4	3.9
	Cañada College	Weed clover thresh	6.6	17	29	182	3200	927	10.3							3.5
CA	El Cerrito - Val's	Arlington #1	6.2		15	44	1050	467								2.2
CA	HMB Drury	Gully side house	4.9	17	25	130	1860	1520	0.2							1.2
	Kims LAH	Poppies Good	6.5		95	839	1766	730		2.4	5.0	19	114	0.26	0.7	2.4
CA		Bench meadow	6.9		34	100	1200	186	7.9		0.0			0.20		6.5
	Biocrust -	Sutter Buttes	5.8		24		766	270	6.5							2.8
CA		Sutter Buttes	5.3		31	231	704	239	7.5							2.9
	Los Trancos	Rat tail fescue	x	19	12	106	781	225		0.9	1.0	6	24	0.06	0.6	3.5
	Manuella Seagr	Pre-mulch	6.5		1	113	934	482	4.8	0.5	1.0	- 0	27	0.00	0.0	1.9
	Albany Hill	MCM test plot	6.3		57	261	1310	313	12.3							4.2
	Antioch dunes	Filaree	7.2		41	163	1310	179	8.6							0.1
	Santa Cruz tarpl	Max #A 2018	5.0		7		786	209		x	x	25	253	0.16	~	3.8
CA	Santa Cruz tarpi	Max #A 2016	5.0	20		430	700	209	X	X	X	33	255	0.16	X	3.0
St	Site	What tested	- LI	N	P	K	Ca	Mg	OM%	٠	Zn	Man	Eo	В	Sul	Ca/Mg
CA	Central coast4	Riparian thistles	pH 7.5	21	36	559	3750	M g 701	J1470	Cu	211	riail			Jui	5.3
	Hood-Franklin		6.3	21	63	168	1200	324								3.7
		no milkwd 3"away		21				284		6V						
CA	Santa Cruz Paul's	Add 14# chick/100sf	6.0		38	207	1140			6K			1.10	0.10		4.0
CA	Santa Cruz tarpl	Max #D 2018	5.2	21	5	180	620	103		Х	Х	22	146	0.10		6.0
	Shaws	Stipa reference	5.4	21	14	190	940	338								2.8
CA	Kims LAH	Poor tarplants	7.0	22	27	507	2245	430		Х	Х	Х	Х	Х	Х	5.2
CA	Page Mill	Dove weed	7.4	22	32	269	2720	214								12.7
CA	Biocrust +	Parish Road	6.1	23	34	616	1220	369	8.0							3.3
CA	Biocrust+	Dunnigan Ave 14	6.3	23	42	417	2180	861	16.1							2.5
CA	Grapevine ripgut	milkweed patch	6.3	23	67	190	1610	315								5.1
CA	Kims LAH	Poppies poor	7.1	23	96	1011	2928	775		3.8	23.0	11	80	0.66	1.0	3.8
CA	Leslie	Miners poor	6.6	23	32	357	2460	280	Х	1.3	6.0	5	68	0.13	0.5	8.8
CA	Tarplant Hill Wat	Tarplant test	4.7	25	16	508	1158	434	Х	1.5	5.0	60	91	0.11	1.9	2.7
CA	Central coast6	Thistle mulch	6.8	26	49	464	3000	513								5.8
CA	Portola V. Meredith	Bird house organic	6.8	26	27	202	1403	208	X	1.4	1.3	7.1	34	0.20	14.8	6.7
CA	PV Spr Down	Poppy, tidy tip	7.3	26	16	168	1320	156	х							8.5
CA	Albany Hill	tests Weeds	6.7	27	71	364	1680	454	13.2							3.7
CA	Santa Cruz tarpl	Airport Danthonia	6.3	27	20	111	1363	187	х	1.0	5.0	10	40	0.25	2.8	7.3
CA	Twissleman	Red Brome	7.3	27	66	435	2350	290	14.7	0.0	0.0	0	0	0.00	0.0	8.1
CA	Watsony Air SCT	Tarpl should be	6.5	27	20	111	1363	187		1.1	5.0	10	40	0.25	2.8	7.3
	Arastradero	Poppies poor	х	28	76	1030		X								
	HMB Drury	Poor subsoil slide	5.5	28	22	150	2140	1630	1.1							1.3
CA	Kims LAH	Melica poor	6.9	28	33	500	2838	669		2.5	3.0	6	77	0.32	0.9	4.2
	Kims LAH	Poppies poor	7.5	28	76	1030	2523	765		X X	3.0	- 0	//	0.52	0.9	3.3
St	Site	What tested	pН	N	P	K	Ca	Mg	ом%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
		Add 20# chick/100 sf			51	230		300		8.6K			. •	_		4.0
	Albany Hill	tests Claytonia	6.8		58	521	1190		13.5	5.01					2.3	3.4
	Arastradero	Wild Oats best	6.1		25	389		687		5.0	4.0	20	156	0.21	0.9	3.4
			U. I	30		203				1.4	3.0	8	38	0.21	0.9	5.8
-M			~	30	10	363	1556	269			٠.٠	0	20	0.00	0.5	4.2
	Los Trancos	Wild oats	X 6.7	30	19	363		268								4.2
CA	Biocrust -	Wild oats Parish Road	6.7	31	17	357	1470	347	6.7							
CA CA	Biocrust - Central coast5	Wild oats Parish Road Mugwort	6.7 7.2	31 31	17 25	357 509	1470 4000	347 707	6.7					0.14	2.7	5.7
CA CA CA	Biocrust - Central coast5 Portola V. Meredith	Wild oats Parish Road Mugwort Deer statue	6.7 7.2 6.9	31 31 31	17 25 18	357 509 419	1470 4000 1346	347 707 279	6.7 x	1.1	7.0	82	21	0.14	2.7	5.7 4.8
CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill	Wild oats Parish Road Mugwort Deer statue tests Solidago	6.7 7.2 6.9 6.4	31 31 31 34	17 25 18 42	357 509 419 565	1470 4000 1346 1510	347 707 279 484	6.7 x 13.2	1.1	7.0	82	21			5.7 4.8 3.1
CA CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal	6.7 7.2 6.9 6.4 6.5	31 31 31 34 35	17 25 18 42 21	357 509 419 565 77	1470 4000 1346 1510 988	347 707 279 484 125	6.7 x 13.2 x	1.1	7.0	82	21	0.28	4.0	5.7 4.8 3.1 7.9
CA CA CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold	6.7 7.2 6.9 6.4 6.5 6.3	31 31 31 34 35 36	17 25 18 42 21 27	357 509 419 565 77 681	1470 4000 1346 1510 988 1900	347 707 279 484 125 567	6.7 x 13.2	1.1	7.0	82	21			5.7 4.8 3.1 7.9
CA CA CA CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome	6.7 7.2 6.9 6.4 6.5 6.3	31 31 31 34 35 36 37	17 25 18 42 21 27 26	357 509 419 565 77 681 405	1470 4000 1346 1510 988 1900	347 707 279 484 125 567	6.7 x 13.2 x 23.4	1.1 0.4 x	7.0 4.0 x	82 6 x	21 28 x	0.28 x	4.0 x	5.7 4.8 3.1 7.9 3.4
CA CA CA CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome	6.7 7.2 6.9 6.4 6.5 6.3 x 7.1	31 31 34 35 36 37 37	17 25 18 42 21 27 26 26	357 509 419 565 77 681 405 405	1470 4000 1346 1510 988 1900 X 3067	347 707 279 484 125 567 X	6.7 x 13.2 x 23.4	1.1	7.0	82	21	0.28	4.0	5.7 4.8 3.1 7.9 3.4
CA CA CA CA CA CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert	6.7 7.2 6.9 6.4 6.5 6.3 x 7.1	31 31 34 35 36 37 37	17 25 18 42 21 27 26 26	357 509 419 565 77 681 405 405 195	1470 4000 1346 1510 988 1900 X 3067 1940	347 707 279 484 125 567 X 549 415	6.7 x 13.2 x 23.4	1.1 0.4 x	7.0 4.0 ×	82 6 x	21 28 x	0.28 x 0.23	4.0 x	5.7 4.8 3.1 7.9 3.4 5.6 4.7
CA CA CA CA CA CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College Watsonv Good	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert Tarplant should be	6.7 7.2 6.9 6.4 6.5 6.3 × 7.1 6.0	31 31 31 34 35 36 37 37 40	17 25 18 42 21 27 26 26 17	357 509 419 565 77 681 405 405 195 102	1470 4000 1346 1510 988 1900 × 3067 1940 1196	347 707 279 484 125 567 × 549 415 165	6.7 x 13.2 x 23.4 x	1.1 0.4 x 2.6 0.9	7.0 4.0 x 4.0	82 6 x 11	21 28 x 44	0.28 x 0.23	4.0 x 0.5 2.8	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2
CA CA CA CA CA CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert	6.7 7.2 6.9 6.4 6.5 6.3 x 7.1	31 31 34 35 36 37 37	17 25 18 42 21 27 26 26	357 509 419 565 77 681 405 405 195	1470 4000 1346 1510 988 1900 X 3067 1940	347 707 279 484 125 567 X 549 415	6.7 x 13.2 x 23.4 x	1.1 0.4 x	7.0 4.0 ×	82 6 x	21 28 x	0.28 x 0.23	4.0 x	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2
CA CA CA CA CA CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College Watsonv Good	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert Tarplant should be	6.7 7.2 6.9 6.4 6.5 6.3 × 7.1 6.0	31 31 31 34 35 36 37 37 40	17 25 18 42 21 27 26 26 17	357 509 419 565 77 681 405 405 195 102	1470 4000 1346 1510 988 1900 x 3067 1940 1196 2123	347 707 279 484 125 567 X 549 415 165 726	6.7 x 13.2 x 23.4 x	1.1 0.4 x 2.6 0.9	7.0 4.0 x 4.0	82 6 x 11	21 28 x 44	0.28 x 0.23	4.0 x 0.5 2.8	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2 2.9
CA CA CA CA CA CA CA CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College Watsonv Good Arastradro	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert Tarplant should be Ripgut weed	6.7 7.2 6.9 6.4 6.5 6.3 X 7.1 6.0 6.5 5.7	31 31 31 34 35 36 37 37 40 41	17 25 18 42 21 27 26 26 17 27	357 509 419 565 77 681 405 405 195 102 241	1470 4000 1346 1510 988 1900 X 3067 1940 1196 2123 1650	347 707 279 484 125 567 X 549 415 165 726	6.7 x 13.2 x 23.4 x x x x x 10K	1.1 0.4 x 2.6 0.9 2.5	7.0 4.0 x 4.0 3.3 5.0	82 6 x 11 7.5 37	21 28 x 44 36 92	0.28 x 0.23 0.40 0.11	4.0 x 0.5 2.8 1.0	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2 2.9 4.4
CA CA CA CA CA CA CA CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College Watsonv Good Arastradro Santa Cruz Paul's	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert Tarplant should be Ripgut weed Add 4# Blood/18 sf	6.7 7.2 6.9 6.4 6.5 6.3 x 7.1 6.0 6.5 5.7 7.1	31 31 34 35 36 37 37 40 41 41	17 25 18 42 21 27 26 26 17 27 16 45	357 509 419 565 77 681 405 405 195 102 241 339	1470 4000 1346 1510 988 1900 X 3067 1940 1196 2123 1650 3574	347 707 279 484 125 567 X 549 415 165 726 373	6.7 x 13.2 x 23.4 x x x x x 10K	1.1 0.4 × 2.6 0.9 2.5 1.3	7.0 4.0 x 4.0 3.3 5.0 2.0	82 6 x 11 7.5 37 12	21 28 x 44 36 92 31	0.28 x 0.23 0.40 0.11 0.04	4.0 x 0.5 2.8 1.0 1.3	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2 2.9 4.4 8.5
CA CA CA CA CA CA CA CA CA CA CA	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College Watsonv Good Arastradro Santa Cruz Paul's Arastradero Lodi	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert Tarplant should be Ripgut weed Add 4# Blood/18 sf Foxtails exotic Biocrust+	6.7 7.2 6.9 6.4 6.5 6.3 x 7.1 6.0 6.5 5.7 7.1	31 31 34 35 36 37 37 40 41 41 47 48	17 25 18 42 21 27 26 26 17 27 16 45	357 509 419 565 77 681 405 405 195 102 241 339 397	1470 4000 1346 1510 988 1900 X 3067 1940 1196 2123 1650 3574 1430	347 707 279 484 125 567 × 549 415 165 726 373 422	6.7 x 13.2 x 23.4 x x 10K x 4.5	1.1 0.4 × 2.6 0.9 2.5 1.3	7.0 4.0 x 4.0 3.3 5.0 2.0	82 6 x 11 7.5 37 12	21 28 x 44 36 92 31	0.28 x 0.23 0.40 0.11 0.04	4.0 x 0.5 2.8 1.0 1.3	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2 2.9 4.4 8.5
CA C	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College Watsonv Good Arastradro Santa Cruz Paul's Arastradero Lodi Portola V. Meredith	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert Tarplant should be Ripgut weed Add 4# Blood/18 sf Foxtails exotic Biocrust+ Original plot	6.7 7.2 6.9 6.4 6.5 6.3 × 7.1 6.0 6.5 5.7 7.1 7.2 7.5 6.8	31 31 31 34 35 36 37 37 37 40 41 41 47 48	17 25 18 42 21 27 26 26 17 27 16 45 46 75	357 509 419 565 77 681 405 405 195 102 241 339 397 425 1554	1470 4000 1346 1510 988 1900 X 3067 1940 1196 2123 1650 3574 1430 1455	347 707 279 484 125 567 X 549 415 165 726 373 422 340 658	x 13.2 x 23.4 x x x 10K x 4.5	1.1 0.4 x 2.6 0.9 2.5 1.3 2.3	7.0 4.0 x 4.0 3.3 5.0 2.0 7.0	82 6 x 11 7.5 37 12 8	21 28 x 44 36 92 31 77	0.28 x 0.23 0.40 0.11 0.04 0.08	4.0 x 0.5 2.8 1.0 1.3 0.8	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2 2.9 4.4 8.5 4.2
CA C	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College Watsonv Good Arastradro Santa Cruz Paul's Arastradero Locotal Portola V. Meredith Soquel - Amigo Rd	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert Tarplant should be Ripgut weed Add 4# Blood/18 sf Foxtails exotic Biocrust+ Original plot R. Rafael 1	6.7 7.2 6.9 6.4 6.5 6.3 x 7.1 6.0 6.5 5.7 7.1 7.2 6.8 5.2	31 31 31 34 35 36 37 37 37 40 41 41 47 48 48	17 25 18 42 21 27 26 26 17 27 16 45 46 75 6	357 509 419 565 77 681 405 405 195 102 241 339 397 425 1554	1470 4000 1346 1510 988 1900 × 3067 1940 1196 2123 1650 3574 1430 1455 1210	347 707 279 484 125 567 × 549 415 165 726 373 422 340 658 306	x 13.2 x 23.4 x x x 10K x 4.5 x	1.1 0.4 x 2.6 0.9 2.5 1.3 2.3	7.0 4.0 x 4.0 3.3 5.0 2.0 7.0	82 6 x 11 7.5 37 12 8	21 28 X 44 36 92 31 77 49	0.28 x 0.23 0.40 0.11 0.04 0.08	4.0 x 0.5 2.8 1.0 1.3 0.8	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2 2.9 4.4 8.5 4.2 2.2 4.0
CA C	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College Watsonv Good Arastradro Santa Cruz Paul's Arastradero Lodi Portola V. Meredith Soquel - Amigo Rd Los Trancos ideal	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert Tarplant should be Ripgut weed Add 4# Blood/18 sf Foxtails exotic Biocrust+ Original plot R. Rafael 1 Buck meadow	6.7 7.2 6.9 6.4 6.5 6.3 x 7.1 6.0 6.5 5.7 7.1 7.2 7.5 6.8 5.2 x	31 31 31 34 35 36 37 37 40 41 41 47 48 48	17 25 18 42 21 27 26 26 17 27 16 45 46 75 6	357 509 419 565 77 681 405 195 102 241 339 397 425 1554 180	1470 4000 1346 1510 988 1900 × 3067 1940 1196 2123 1650 3574 1430 1455 1210 1600	347 707 279 484 125 567 × 549 415 165 726 373 422 340 658 306 250	6.7 x 13.2 x 23.4 x x 10K x 4.5 x	1.1 0.4 x 2.6 0.9 2.5 1.3 2.3 2.0	7.0 4.0 x 4.0 3.3 5.0 2.0 7.0 7.0	82 6 x 11 7.5 37 12 8 35	21 28 x 44 36 92 31 77 49	0.28 X 0.23 0.40 0.11 0.04 0.08 0.23	4.0 x 0.5 2.8 1.0 1.3 0.8 3.7	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2 2.9 4.4 8.5 4.2 2.2 4.0 6.4
CA C	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College Watsonv Good Arastradro Santa Cruz Paul's Arastradero Lodi Portola V. Meredith Soquel - Amigo Rd Los Trancos ideal Santa Cruz tarpl	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert Tarplant should be Ripgut weed Add 4# Blood/18 sf Foxtails exotic Biocrust+ Original plot R. Rafael 1 Buck meadow Tarplant Hill	6.7 7.2 6.9 6.4 6.5 6.3 x 7.1 6.0 6.5 5.7 7.1 7.2 7.5 6.8 5.2 x 4.7	31 31 31 34 35 36 37 37 40 41 47 48 48 48 50	17 25 18 42 21 27 26 26 17 27 16 45 46 75 6 9 25	357 509 419 565 77 681 405 405 195 102 241 339 397 425 1554 180 100 508	1470 4000 1346 1510 988 1900 X 3067 1940 1196 2123 1650 3574 1430 1455 1210 1600 1930	347 707 279 484 125 567 × 549 415 165 726 373 422 340 658 306 250 434	6.7 x 13.2 x 23.4 x x 10K x 4.5 x 2.5	1.1 0.4 × 2.6 0.9 2.5 1.3 2.3 2.0	7.0 4.0 × 4.0 3.3 5.0 7.0 7.0	82 6 x 11 7.5 37 12 8 35	21 28 x 44 36 92 31 77 49	0.28 x 0.23 0.40 0.11 0.04 0.08 0.23	4.0 x 0.5 2.8 1.0 1.3 0.8 3.7	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2 2.9 4.4 8.5 4.2 2.2 4.0 6.4 4.4
CA C	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College Watsonv Good Arastradro Santa Cruz Paul's Arastradero Lodi Portola V. Meredith Soquel - Amigo Rd Los Trancos ideal Santa Cruz tarpl Tarplant Hill Wat	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert Tarplant should be Ripgut weed Add 4# Blood/18 sf Foxtails exotic Biocrust+ Original plot R. Rafael 1 Buck meadow Tarplant Hill Tarplant should be	6.7 7.2 6.9 6.4 6.5 6.3 x 7.1 6.0 6.5 7.1 7.2 7.5 6.8 5.2 x 4.7 6.5	31 31 34 35 36 37 37 40 41 41 47 48 48 48 50 50	17 25 18 42 21 27 26 26 17 27 16 45 46 9 25 32	357 509 419 565 77 681 405 405 195 102 241 339 397 425 1554 180 508 145	1470 4000 1346 1510 988 1900 X 3067 1940 1196 2123 1650 3574 1430 1455 1210 1600 1930	347 707 279 484 125 567 × 549 415 165 726 373 422 340 658 306 250 434	6.7 x 13.2 x 23.4 x x 10K x 4.5 x 2.5 x x	1.1 0.4 × 2.6 0.9 2.5 1.3 2.3 2.0 1.0 1.0	7.0 4.0 × 4.0 3.3 5.0 2.0 7.0 7.0 10.0 6.0 6.0	82 6 x 11 7.5 37 12 8 35 10 60 12	21 28 x 44 36 92 31 77 49 40 91 54	0.28 x 0.23 0.40 0.11 0.04 0.08 0.23 0.12 0.28 0.28	4.0 x 0.5 2.8 1.0 1.3 0.8 3.7 3.0 3.2 3.2	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2 2.9 4.4 8.5 4.2 2.2 4.0 6.4 4.4 7.6
CA C	Biocrust - Central coast5 Portola V. Meredith Albany Hill Arana Gulch Somona County Arastradero Askok Cañada College Watsonv Good Arastradro Santa Cruz Paul's Arastradero Lodi Portola V. Meredith Soquel - Amigo Rd Los Trancos ideal Santa Cruz tarpl	Wild oats Parish Road Mugwort Deer statue tests Solidago SC Tarplants ideal Stipa threshold Red brome Red Brome Bare chert Tarplant should be Ripgut weed Add 4# Blood/18 sf Foxtails exotic Biocrust+ Original plot R. Rafael 1 Buck meadow Tarplant Hill	6.7 7.2 6.9 6.4 6.5 6.3 x 7.1 6.0 6.5 5.7 7.1 7.2 7.5 6.8 5.2 x 4.7	31 31 34 35 36 37 37 40 41 47 48 48 48 50 50	17 25 18 42 21 27 26 26 17 27 16 45 46 75 6 9 25	357 509 419 565 77 681 405 405 195 102 241 339 397 425 1554 180 100 508	1470 4000 1346 1510 988 1900 × 3067 1940 1196 2123 1650 3574 1430 1455 1210 1600 1930 2254	347 707 279 484 125 567 × 549 415 165 726 373 422 340 658 306 250 434	6.7 x 13.2 x 23.4 x x 10K x 4.5 x 2.5 x x	1.1 0.4 × 2.6 0.9 2.5 1.3 2.3 2.0	7.0 4.0 × 4.0 3.3 5.0 7.0 7.0	82 6 x 11 7.5 37 12 8 35 10 60 12	21 28 x 44 36 92 31 77 49	0.28 x 0.23 0.40 0.11 0.04 0.08 0.23	4.0 x 0.5 2.8 1.0 1.3 0.8 3.7	5.7 4.8 3.1 7.9 3.4 5.6 4.7 7.2 2.9 4.4 8.5 4.2 2.2 4.0 6.4 4.4 7.6 3.1 16.1

Nitrogen ppm sorted

St	Site	What tested	pН	N	Р	K	Ca	Mg	ом%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	Armory SC tarpl	Tarplants should be	6.6	55	30	207	2470	357	x	2.0	7.8	17	75	0.25	3.0	6.9
CA	Santa Cruz tarpl	Airport good	5.6	56	27	51	1196	215	x	1.0	4.0	9	36	0.40	2.8	5.6
CA	Santa Cruz tarpl	Armony	5.6	56	27	248	1196	215	x	1.0	4.0	9	3	0.25	3.0	5.6
CA	Santa Cruz Paul's	Add 40# chic/150 sf	6.4	59	40	244	1960	435								4.5
CA	Santa Cruz tarpl	Arana min 2013	4.4	59	3	88	440	91	x	0.0	0.0	0	0	0.00		4.8
CA	Soquel - Amigo Rd	R. Rafael 2	5.4	60	16	240	1170	415	2.2							2.8
CA	Central coast8	Mugwort mulch	6.7	61	66	621	2910	488								6.0
CA	Cañada College	IDEAL	6.9	70	35	251	2800	911	!!							3.1
CA	Cañada College	Site 11 unfertilized	6.3	71	17	413	2210	515	х							4.3
CA	Portola V. Meredith	Bird house chem	6.8	71	16	811	725	751	x	2.1	1.3	20	1.4	1.20	59.7	1.0
CA	Elkhorn SC tarpl.	Mustard	7.4	80	17	113	1890	2130	х							0.9
CA	Arastradero	Medusahead	5.8	87	18	360	2438	1195	х	5.0	3.0	116	74	0.20	2.0	2.0
CA	Santa Cruz tarpl	Arana mean 2013	5.0	87	13	202	622	137	x	0.0	0.0	0	0	0.00		4.5
CA	Camp Roberts	Soft chess/Rip	6.5	90	36	248	2820	430	18.2							6.6
CA	ElkhornSC tarpl.	Tarplant test	5.4	97	7	236	1209	489	x	0.9	4.0	3	45	0.09	1.9	2.5
CA	Santa Cruz tarpl	Elkhorn roadside	5.4	97	23	236	1727	489	x	1.0	5.0	10	50	0.30	3.2	3.5
CA	Lodi	No biocrust	6.5	99	48	280	1740	306	4.6							5.7
CA	Santa Cruz tarpl	Arana max 2013	6.2	115	38	467	2899	682	х	0.0	0.0	0	0	0.00		4.3
CA	Arastradero	Poppies good	x	117	131	278	X	x								
CA	Kims LAH	Poppies good	5.7	117	131	278	2226	584	х	Х						3.8
CA	Cañada College	Weed grass thresh	6.4	126	49	323	4480	999	12.9							4.5
CA	Portola V. Meredith	Vulpia plot	6.1	133	23	233	724	154	x	1.0	2.0	60	21	0.15	43.2	4.7
CA	Cañada College	Max. Filaree Phos	6.7	139	234	146	5490	848	26.2							6.5
CA	Arastradero	Blue Eyed thresh	6.4	156	39	997	2199	616	х	4.2	4.0	33	236	0.15	3.4	3.6
CA	Santa Cruz tarpl	Arana Gulch Ideal	6.5	156	40	77	988	125	x	1.0	4.0	6	28	0.15	4.0	7.9
CA	Santa Cruz Paul's	Add 40# chic/100 sf	6.5	168	123	415	2010	473	x							4.2
St	Site	What tested	рΗ	N	Р	K	Ca	Mg	ом%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	Kims LAH	Good tarplants	6.4	213	29	832	1457	387	x	1.6	6.0	66	42	0.24	12.2	3.8
CA	Arastradero	Poppies rich soil	Χ	216	49	2180	X	X								
CA	Kims LAH	Poppies rich	6.2	216	49	2180	1966	469	X	х						4.2
CA	Cañada College	Max. Filaree Nitro	6.3	238	62	260	4020	678	26.8							5.9
CA	Arastradero	Italian thistles	5.4	349	16	334	2434	820	x	3.7	3.0	16	96	0.13	1.8	3.0
CA	Portola V. Meredith	Vulpia chick poop	5.6	725	427	5041	1101	622	х	38.8	43.0	99	59	14.40	98.8	1.8

Phosphorus ppm sorted

St	Site	What tested	pН	N	P	K	Ca	Mg	OM%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	Shaws	Gully soil	5.9	9	1	30	780	704	x							1.1
CA	Hwy 58 and 395	Stinkwort	7.1	12	1	500	1750	353	6.7							5.0
CA	Shaw's	Poor	5.6	14	1	130	700	394	x							1.8
CA	Manuella Seagr	Pre-mulch	6.5	19	1	113	934	482	4.8							1.9
CA	Village Hill test B	Town Woodside	7.3	8	2	79	3042	291	x	1.7	3.0	1	5	0.03	0.3	10.5
CA	Watsonv Air SCT	Tarplant test	6.4	9	2	111	818	506	X	0.7	2.0	3	16	0.05	1.4	1.6
CA	Village Hill test A	Town Woodside	7.5	7	3	113	3220	443	X	1.2	2.0	1	5	0.04	0.4	7.3
CA	Santa Cruz tarpl	Min #D 2018	4.4	10	3	74	459	75	x	х	x	15	86	0.07		6.1
CA	Santa Cruz tarpl	Min #C 2018	4.5	11	3	166	553	77	x	х	x	18	68	0.08		7.2
CA	Shaws	Good Stipa	5.3	11	3	120	740	254	X							2.9
CA	Santa Cruz tarpl	Min #A 2018	4.4	12	3	42	587	109	X	х	x	16	72	0.08		5.4
CA	Santa Cruz tarpl	Arana min 2013	4.4	59	3	88	440	91	x	0.0	0.0	0	0	0.00		4.8
CA	Napa W. Reinhardt	Biocrust+	6.5	7	4	48	1000	191	х							5.2
CA	HMB Drury	Good soil behind hs	6.1	7	5	110	1380	1380	2.6							1.0
CA	Shaws	Non-Stipa soil	5.3	13	5	140	790	210	X							3.8
CA	Santa Cruz tarpl	Max #D 2018	5.2	21	5	180	620	103	x	х	x	22	146	0.10		6.0
CA	Central coast1	Velt sand dunes	6.0	8	6	17	168	35	x							4.8
CA	Portola V. Meredith	Original plot	6.8	48	6	1554	1455	658	x	2.0	7.0	35	49	0.23	3.7	2.2
CA	HMB Drury	Fescue fair-good	5.5	4	7	100	2640	1020	5.3							2.6
CA	Central coast3	Native plants grow	7.2	8	7	17	234	32								7.3
CA	Santa Cruz tarpl	Arana mean 2018	4.8	13	7	209	629	120	x	0.0	0.0	0	0	0.00		5.2
CA	Central coast7	Spineflower ref.	6.3	15	7	94	525	111								6.5
CA	SLO County	Spineflower thesh	6.3	15	7	94	525	111	0.6	х	x	Х	х	x	Х	4.7
CA	Santa Cruz tarpl	Max #A 2018	5.0	20	7	436	786	209	x	х	x	35	253	0.16	Х	3.8
CA	ElkhornSC tarpl.	Tarplant test	5.4	97	7	236	1209	489	x	0.9	4.0	3	45	0.09	1.9	2.5

Phosphorus ppm sorted

St	Site	What tested	pН	N	P	K	Ca	Mg	OM%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	Orinda Bill	Oak Hill	5.8	5	8	276	3330	734	x							4.5
CA	Santa Cruz Paul's	Add 5# lime/100 sf	6.2	11	8	390	1090	335	x							3.:
CA	Santa Cruz tarpl	Max #C 2018	5.5	15	8	353	769	128	x	x	x	24	184	0.13		6.
CA	Orinda Bill	Corral East	6.3	13	9	262	3550	706	x							5.
CA	Soquel - Amigo Rd	R. Rafael 1	5.2	48	9	180	1210	306	2.5							4.
CA	Orinda Bill	Meadow	6.0	5	10	215	3060	764	x							4.
CA	Santa Cruz tarpl	Min #B 2018	4.6	9	10	237	532	115	x	х	x	12	75	0.07		4.
CA	Petaluma serp	Wild oats	5.6	10	10	93	456	202	x							2.:
CA	Central coast9	Doveweed	6.6	13	10	78	2140	1190	9.1							1.8
CA	Cañada College	Poppies	7.0	4	11	116	4690	1340	x							3.
CA	Central coast2	Velt sand dunes	6.2	8	11	49	346	60	x							5.
CA	Santa Cruz Paul's	Poppies no fert	5.8	8	11	151	808	308	x							2.
CA	Central coast2	Native plants grow	6.0	12	12	54	378	52								7.
CA	Los Trancos	Rat tail fescue	х	19	12	106	781	225	x	0.9	1.0	6	24	0.06	0.6	3.
CA	Shaws	Burn	5.0	14	13	240	710	246	x							2.9
CA	Santa Cruz tarpl	Arana mean 2013	5.0	87	13	202	622	137	x	0.0	0.0	0	0	0.00		4.
CA	HMB Drury	Fescue above gully	5.1	6	14	120	1420	1420	3.4							1.0
CA	HMB Drury	Bare leach field	4.8	9	14	240	1770	1770	3.3							1.0
CA	Arana Gulch	SC tarplant test	5.2	17	14	176	790	202	X	1.0	2.0	15	53	0.11	0.4	3.9
CA	Shaws	Stipa reference	5.4	21	14	190	940	338	X							2.
CA	Village H carb.seq	Sprite WO 2-4"	5.8	4	15	78	1010	207	6.9							4.9
CA	La Honda	Slide meadow	6.9	5	15	326	2360	681	X							3.
CA	Napa W. Reinhardt	Biocrust-	6.3	6	15	40	672	158	x							4.
CA	El Cerrito - School	Madera #2	6.7	10	15	61	292	1070	X							0.
CA	HMB Drury	Good soil slide	5.0	15	15	170	1970	1340	1.1							1
CA	El Cerrito - Val's	Arlington #1	6.2	17	15	44	1050	467	x							2.
CA	Cañada College	Grass plot	6.4	10	16	251	1880	404	x							4.

St	Site	What tested	pН	N	P	K	Ca	Mg	ом%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	Cañada College	Lotus good	6.7	12	22	171	3720	1130	9.0							3.3
CA	HMB Drury	Poor subsoil slide	5.5	28	22	150	2140	1630	1.1							1.3
CA	Armory SC tarpl	Tarplant test	4.8	11	23	248	2223	357	x	2.0	7.0	27	158	0.05	3.0	6.2
CA	Santa Cruz tarpl	Armory	4.8	11	23	238	2223	357	x	2.0	7.0	27	158	0.05	3.0	6.2
CA	Santa Cruz tarpl	Elkhorn roadside	5.4	97	23	236	1727	489	x	1.0	5.0	10	50	0.30	3.2	3.5
CA	Portola V. Meredith	Vulpia plot	6.1	133	23	233	724	154	X	1.0	2.0	60	21	0.15	43.2	4.7
CA	Biocrust -	Sutter Buttes	5.8	19	24	193	766	270	6.5							2.8
CA	Orinda Sandy	Walnut orchard	6.1	5	25	343	2170	483	x							4.5
CA	HMB Drury	Fescue poor	5.1	7	25	160	2470	1780	5.2							1.4
CA	I-505/14 ave.	Evening primrose	7.7	7	25	287	5130	127	5.3							40.4
CA	Stanford	Solid mustards	7.0	7	25	204	1999	325	5.0	2.0	1.0	26	31	0.12	1.6	6.2
CA	Stanford	No Stipa	6.4	8	25	164	2218	356	6.0	1.5	2.0	32	25	0.09	0.6	6.2
CA	HMB Drury	Gully side house	4.9	17	25	130	1860	1520	0.2							1.2
CA	Arastradero	Wild Oats best	6.1	30	25	389	2105	687	X	5.0	4.0	29	156	0.21	0.9	3.1
CA	Central coast5	Mugwort	7.2	31	25	509	4000	707								5.7
CA	Los Trancos ideal	Buck meadow	х	50	25	100	1600	250	x	1.0	10.0	10	40	0.12	3.0	6.4
CA	Orinda Sandy	Knoll	6.3	7	26	255	2650	682	2.5							3.9
CA	Stanford	Medusa	6.1	14	26	212	1843	326	9.0	2.0	4.0	49	52	0.10	1.1	5.7
CA	El Cerrito - Val's	Arlington #2	6.4	16	26	47	645	626	x							1.0
CA	Arastradero	Red brome	х	37	26	405	x	х								
CA	Askok	Red Brome	7.1	37	26	405	3067	549	x	2.6	4.0	11	44	0.23	0.5	5.6
CA	Watsonv Good	Tarplant should be	6.5	40	27	102	1196	165	x	0.9	3.3	7.5	36	0.40	2.8	7.2
CA	I-280-Page Mill Rd	Stipa	6.8	10	27	456	3220	797	8.7							4.0
CA	Kims LAH	Poor tarplants	7.0	22	27	507	2245	430	x	x	х	x	х	X	x	5.2

St	Site	What tested	рΗ	N	Р	K	Ca	Mg	ОМ%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	Portola V. Meredith	Bird house organic	6.8	26	27	202	1403	208	x	1.4	1.3	7.1	34	0.20	14.8	6.7
CA	Somona County	Stipa threshold	6.3	36	27	681	1900	567	23.4	Х	x	Х	х	х	х	3.4
CA	Santa Cruz tarpl	Airport good	5.6	56	27	51	1196	215	X	1.0	4.0	9	36	0.40	2.8	5.6
CA	Santa Cruz tarpl	Armony	5.6	56	27	248	1196	215	X	1.0	4.0	9	3	0.25	3.0	5.6
CA	Stanford	Thistles	7.2	16	29	445	5819	332	14.0	2.7	3.0	30	27	0.12	1.5	17.5
CA	Cañada College	Weed clover thresh	6.6	17	29	182	3200	927	10.3							3.5
CA	Kims LAH	Good tarplants	6.4	213	29	832	1457	387	x	1.6	6.0	66	42	0.24	12.2	3.8
CA	Village H carb.seq	Sprite WO top 2"	5.9	5	30	191	1280	248	7.6							5.2
CA	Hwy 46 PM 26	Indian ricegrass	7.4	7	30	339	229	49	0.7	0.0	0.0	0	0	0.00	0.0	4.7
CA	Twissleman 2-3"	under Red Brome	7.7	7	30	314	1370	205	4.7	0.0	0.0	0	0	0.00	0.0	6.7
CA	HMB Drury	Road cut nr. Grove	5.0	12	30	210	1760	1760	1.7							1.0
CA	Armory SC tarpl	Tarplants should be	6.6	55	30	207	2470	357	X	2.0	7.8	17	75	0.25	3.0	6.9
CA	Orinda Bill	Driveway West	6.3	4	31	303	3320	326	x							10.2
CA	Orinda Bill	Driveway East	6.7	5	31	232	4070	526	x							7.7
CA	Santa Cruz Paul's	Blood meal add 3#	6.2	7	31	132	1030	264	x							3.9
CA	Stanford	Avena good	6.7	8	31	298	1887	378	7.0	1.9	3.0	22	22	0.07	0.6	5.0
CA	Biocrust +	Sutter Buttes	5.3	19	31	231	704	239	7.5							2.9
CA	Page Mill	Dove weed	7.4	22	32	269	2720	214	x							12.7
CA	Leslie	Miners poor	6.6	23	32	357	2460	280	х	1.3	6.0	5	68	0.13	0.5	8.8
CA	Santa Cruz tarpl	Tarplant Hill	4.7	50	32	508	1930	434	X	1.0	6.0	60	91	0.28	3.2	4.4
CA	Tarplant Hill Wat	Tarplant should be	6.5	50	32	145	1930	255	X	1.4	6.0	12	54	0.28	3.2	7.6
CA	Calimesa	Wild oats	7.1	10	33	77	1620	519	5.2	0.0	0.0	0	0	0.00	0.0	3.1
CA	Kims LAH	Melica poor	6.9	28	33	500	2838	669	x	2.5	3.0	6	77	0.32	0.9	4.2
CA	Albany Hill	Bench meadow	6.9	19	34	100	1200	186	7.9							6.5
CA	Biocrust +	Parish Road	6.1	23	34	616	1220	369	8.0							3.3

Phosphorus ppm sorted

Site	What tested	pН	N	Р	K	Ca	Mg	OM%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
Carrizo plains5	Topaz solar Stipa	7.5	3	35	370	473	3980	2.7							0.1
Albany Hill	Peggies Park	7.1	10	35	108	2400	367	x							6.5
Gilroy	Red Brome	7.5	14	35	187	841	97	4.1	0.0	0.0	0	0	0.00	0.0	8.7
Cañada College	IDEAL	6.9	70	35	251	2800	911	!!							3.1
Central coast4	Riparian thistles	7.5	21	36	559	3750	701								5.3
Camp Roberts	Soft chess/Rip	6.5	90	36	248	2820	430	18.2							6.6
Santa Cruz Paul's	Add 14# chick/100sf	6.0	21	38	207	1140	284	x	6K						4.0
Santa Cruz tarpl	Arana max 2013	6.2	115	38	467	2899	682	x	0.0	0.0	0	0	0.00		4.3
Arastradero	Blue Eyed thresh	6.4	156	39	997	2199	616	x	4.2	4.0	33	236	0.15	3.4	3.6
Arastradero	Brome car. Okay	5.5	52	40	862	2254	736	x	5.3	5.0	49	179	0.34	2.3	3.1
Hood-Franklin	near S. cernua	7.2	54	40	601	1920	119	9.9	0.0	0.0	0	0	0.00	0.0	16.1
Santa Cruz Paul's	Add 40# chic/150 sf	6.4	59	40	244	1960	435								4.5
Santa Cruz tarpl	Arana Gulch Ideal	6.5	156	40	77	988	125	x	1.0	4.0	6	28	0.15	4.0	7.9
Antioch dunes	Filaree	7.2	20	41	163	1380	179	8.6							0.1
HMB Drury	Behind parking	5.1	8	42	150	2130	1490	5.4							1.4
El Cerrito - School	Madera #1	6.5	11	42	31	458	1080	x							0.4
Biocrust+	Dunnigan Ave 14	6.3	23	42	417	2180	861	16.1							2.5
Albany Hill	tests Solidago	6.4	34	42	565	1510	484	13.2							3.1
Santa Cruz Paul's	Add 4# Blood/18 sf	7.1	41	45	339	1650	373	10K	1.3	2.0	12	31	0.04	1.3	4.4
HMB Drury	Fescue	5.0	11	46	180	2170	1510	9.6							1.4
Alpine Road	Heterotheca	7.3	14	46	479	3710	317	x							11.7
Arastradero	Foxtails exotic	7.2	47	46	397	3574	422	x	2.3	7.0	8	77	0.08	0.8	8.5
Carrizo plains1	Topaz solar Stipa	7.7	3	48	511	474	3880	2.0							0.1
Lodi	No biocrust	6.5	99	48	280	1740	306	4.6							5.7
Woodside	Merediths Stipa	5.8	16	49	82	1770	567	x						22	3.1
	_														
	Carrizo plains5 Albany Hill Gilroy Cañada College Central coast4 Camp Roberts Santa Cruz Paul's Santa Cruz Paul's Santa Cruz rapl Arastradero Hood-Franklin Santa Cruz Paul's Santa Cruz Paul's HMB Drury El Cerrito - School Biocrust+ Albany Hill Santa Cruz Paul's HMB Drury Alpine Road Arastradero Carrizo plains1 Lodi	Carrizo plains5 Topaz solar Stipa Albany Hill Peggies Park Gilroy Red Brome Cañada College IDEAL Central coast4 Riparian thistles Camp Roberts Soft chess/Rip Santa Cruz Paul's Add 14# chick/100sf Santa Cruz tarpl Arana max 2013 Arastradero Blue Eyed thresh Brome car. Okay near S. cernua Santa Cruz Paul's Add 40# chic/150 sf Santa Cruz tarpl Arana Gulch Ideal Antioch dunes HMB Drury Behind parking El Cerrito - School Madera #1 Biocrust+ Dunnigan Ave 14 Albany Hill tests Solidago Santa Cruz Paul's Add 4# Blood/18 sf HMB Drury Fescue Alpine Road Heterotheca Arastradero Foxtails exotic Carrizo plains1 Lodi No biocrust	Carrizo plains5 Topaz solar Stipa 7.5 Albany Hill Peggies Park 7.1 Gilroy Red Brome 7.5 Cañada College IDEAL 6.9 Central coast4 Riparian thistles 7.5 Camp Roberts Soft chess/Rip 6.5 Santa Cruz Paul's Add 14# chick/100sf 6.0 Santa Cruz tarpl Arana max 2013 6.2 Arastradero Blue Eyed thresh 6.4 Arastradero Brome car. Okay 5.5 Hood-Franklin near S. cernua 7.2 Santa Cruz Paul's Add 40# chic/150 sf 6.4 Santa Cruz Paul's Filaree 7.2 HMB Drury Behind parking 5.1 El Cerrito - School Madera #1 6.5 Biocrust+ Dunnigan Ave 14 6.3 Albany Hill tests Solidago 6.4 Santa Cruz Paul's Add 4# Blood/18 sf 7.1 HMB Drury Fescue 5.0 Alpine Road Heterotheca 7.3	Carrizo plains5 Topaz solar Stipa 7.5 3 Albany Hill Peggies Park 7.1 10 Gilroy Red Brome 7.5 14 Cañada College IDEAL 6.9 70 Central coast4 Riparian thistles 7.5 21 Camp Roberts Soft chess/Rip 6.5 90 Santa Cruz Paul's Add 14# chick/100sf 6.0 21 Santa Cruz tarpl Arana max 2013 6.2 115 Arastradero Blue Eyed thresh 6.4 156 Arastradero Brome car. Okay 5.5 52 Hood-Franklin near S. cernua 7.2 54 Santa Cruz Paul's Add 40# chic/150 sf 6.4 59 Santa Cruz Paul's Behind parking 5.1 8 El Cerrito - School Madera #1 6.5 11 Biocrust+ Dunnigan Ave 14 6.3 23 Albany Hill tests Solidago 6.4 34 Santa Cruz Paul's Add 4# Blood/18	Carrizo plains5 Topaz solar Stipa 7.5 3 35 Albany Hill Peggies Park 7.1 10 35 Gilroy Red Brome 7.5 14 35 Cañada College IDEAL 6.9 70 35 Central coast4 Riparian thistles 7.5 21 36 Camp Roberts Soft chess/Rip 6.5 90 36 Santa Cruz Paul's Add 14# chick/100sf 6.0 21 38 Santa Cruz tarpl Arana max 2013 6.2 115 38 Arastradero Blue Eyed thresh 6.4 156 39 Arastradero Brome car. Okay 5.5 52 40 Hood-Franklin near S. cernua 7.2 54 40 Santa Cruz Paul's Add 40# chic/150 sf 6.4 59 40 Antioch dunes Filaree 7.2 20 41 HMB Drury Behind parking 5.1 8 42 El Cerrito - School	Carrizo plains5 Topaz solar Stipa 7.5 3 35 370 Albany Hill Peggies Park 7.1 10 35 108 Gilroy Red Brome 7.5 14 35 187 Cañada College IDEAL 6.9 70 35 251 Central coast4 Riparian thistles 7.5 21 36 559 Camp Roberts Soft chess/Rip 6.5 90 36 248 Santa Cruz Paul's Add 14# chick/100sf 6.0 21 38 207 Santa Cruz tarpl Arana max 2013 6.0 21 38 467 Arastradero Blue Eyed thresh 6.4 156 39 99 Arastradero Brome car. Okay 5.5 52 40 862 Hood-Franklin near S. cernua 7.2 54 40 601 Santa Cruz Paul's Add 40# chic/150 sf 6.4 59 40 244 Santa Cruz Paul's Behind parking <td>Carrizo plains5 Topaz solar Stipa 7.5 3 35 370 473 Albany Hill Peggies Park 7.1 10 35 108 2400 Gilroy Red Brome 7.5 14 35 187 841 Cañada College IDEAL 6.9 70 35 251 2800 Central coast4 Riparian thistles 7.5 21 36 559 3750 Camp Roberts Soft chess/Rip 6.5 90 36 248 2820 Santa Cruz Paul's Add 14# chick/100sf 6.0 21 38 207 1140 Santa Cruz tarpl Arana max 2013 6.4 156 39 997 2199 Arastradero Blue Eyed thresh 6.4 156 39 997 2199 Arastradero Brome car. Okay 5.5 52 40 862 2254 Hood-Franklin near S. cernua 7.2 54 40 601 1920</td> <td>Carrizo plains5 Topaz solar Stipa 7.5 3 35 370 473 3980 Albany Hill Peggies Park 7.1 10 35 108 2400 367 Gilroy Red Brome 7.5 14 35 187 841 97 Cañada College IDEAL 6.9 70 35 251 2800 911 Central coast4 Riparian thistles 7.5 21 36 559 3750 701 Camp Roberts Soft chess/Rip 6.5 90 36 248 2820 430 Santa Cruz Paul's Add 14# chick/100sf 6.0 21 38 207 1140 284 Arastradero Blue Eyed thresh 6.4 156 39 997 2199 616 Arastradero Brome car. Okay 5.5 52 40 862 2254 736 Hood-Franklin near S. cernua 7.2 54 40 601 1920 119</td> <td> Carrizo plains5</td> <td> Carrizo plains5</td> <td> Carrizo plains5</td> <td> Carrizo plains5 Topaz solar Stipa 7.5 3 35 370 473 3980 2.7 </td> <td> Carrizo plains5</td> <td> Carrizo plains</td> <td> Carrizo plains5</td>	Carrizo plains5 Topaz solar Stipa 7.5 3 35 370 473 Albany Hill Peggies Park 7.1 10 35 108 2400 Gilroy Red Brome 7.5 14 35 187 841 Cañada College IDEAL 6.9 70 35 251 2800 Central coast4 Riparian thistles 7.5 21 36 559 3750 Camp Roberts Soft chess/Rip 6.5 90 36 248 2820 Santa Cruz Paul's Add 14# chick/100sf 6.0 21 38 207 1140 Santa Cruz tarpl Arana max 2013 6.4 156 39 997 2199 Arastradero Blue Eyed thresh 6.4 156 39 997 2199 Arastradero Brome car. Okay 5.5 52 40 862 2254 Hood-Franklin near S. cernua 7.2 54 40 601 1920	Carrizo plains5 Topaz solar Stipa 7.5 3 35 370 473 3980 Albany Hill Peggies Park 7.1 10 35 108 2400 367 Gilroy Red Brome 7.5 14 35 187 841 97 Cañada College IDEAL 6.9 70 35 251 2800 911 Central coast4 Riparian thistles 7.5 21 36 559 3750 701 Camp Roberts Soft chess/Rip 6.5 90 36 248 2820 430 Santa Cruz Paul's Add 14# chick/100sf 6.0 21 38 207 1140 284 Arastradero Blue Eyed thresh 6.4 156 39 997 2199 616 Arastradero Brome car. Okay 5.5 52 40 862 2254 736 Hood-Franklin near S. cernua 7.2 54 40 601 1920 119	Carrizo plains5	Carrizo plains5	Carrizo plains5	Carrizo plains5 Topaz solar Stipa 7.5 3 35 370 473 3980 2.7	Carrizo plains5	Carrizo plains	Carrizo plains5

St	Site	What tested	pН	N	Р	K	Ca	Mg	ОМ%	Cu	Zn	Man	Fe	В	Sul	Ca/Mg
CA	Cañada College	Weed grass thresh	6.4	126	49	323	4480	999	12.9							4.5
CA	Kims LAH	Poppies rich	6.2	216	49	2180	1966	469	x	х						4.2
CA	Santa Cruz Paul's	Add 20# chick/100 sf	6.8	28	51	230	1200	300	x	8.6K						4.0
CA	Carrizo plains2	Topaz solar Stipa	7.4	3	53	507	1450	4180	2.3							0.3
CA	Carrizo plains1	Topaz solar Stipa	7.4	3	56	573	1750	4220	2.5							0.4
CA	Albany Hill	MCM test plot	6.3	20	57	261	1310	313	12.3							4.2
CA	Albany Hill	tests Claytonia	6.8	30	58	521	1190	354	13.5						2.3	3.4
CA	Carrizo plains3	Topaz solar Stipa	6.0	2	61	239	518	1650	1.5							0.3
CA	Carrizo plains4	Topaz solar Stipa	7.1	3	61	542	662	3550	2.4							0.2
CA	Cañada College	Lotus min. fertilized	6.7	15	61	323	1410	1100	17.0							1.3
CA	Woodside	Merediths Brome	6.3	16	63	315	3330	328	X						11	10.2
CA	Hood-Franklin	no milkwd 3"away	6.3	21	63	168	1200	324	х							3.7
CA	Twissleman	Red Brome	7.3	27	66	435	2350	290	14.7	0.0	0.0	0	0	0.00	0.0	8.1
CA	Central coast8	Mugwort mulch	6.7	61	66	621	2910	488								6.0
CA	Grapevine ripgut	milkweed patch	6.3	23	67	190	1610	315	x							5.1
CA	Lodi	Biocrust+	7.5	48	75	425	1430	340	4.5							4.2
CA	Kims LAH	Poppies Good	6.5	18	95	839	1766	730	X	2.4	5.0	19	114	0.26	0.7	2.4
CA	Kims LAH	Poppies poor	7.1	23	96	1011	2928	775	X	3.8	23.0	11	80	0.66	1.0	3.8
CA	Santa Cruz Paul's	Add 40# chic/100 sf	6.5	168	123	415	2010	473	X							4.2
CA	Carrizo plains6	Topaz solar Stipa	6.1	7	130	468	431	1640	2.3							0.3
CA	Kims LAH	Poppies good	5.7	117	131	278	2226	584	x	х						3.8
CA	Cañada College	Max. Filaree Phos	6.7	139	234	146	5490	848	26.2							6.5
CA	Portola V. Meredith	Vulpia chick poop 1"	5.6	725	427	5041	1101	622	X	38.8	43.0	99	59	14.40	98.8	1.8



Kite Hill restoration. Bare soil--added fertilizers and mulch, dormant seeds sprouted-no seeds sown. Copyright © 2024 Craig C. Dremann

Waypoint. ANALYTICAL

SOIL SAMPLE SUBMITTAL FORM

4741 East Hunter Ave. Suite A, Anaheim, CA 92807 Phone (714) 282-8777 - ask for soil testing when you call

COMPANY / NAME:		_
CITY	STATEZIP	
ATTENTION:	PHONE #:	_,
JOB NAME	DATE	
Please indicate your	r preferred mode of receiving data & reports. Mailed copy required? □	
EMAIL:	or FAX:	_
Additional emails:_	and	_
One quart sample	EK or credit card is required at the time of service Amer. Exp, M/C or V If paying by credit card, we will call for your informat es taken from the top two inches, sifted through 1/4 inch screen to remove rocks and vegetable matter— ocations: Please put these names on your sample bags also	tion.
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7.)		
EXISTING LANDSCAP	E: Maintenance or Troubleshooting	
☐ A01 Partia	al fertility (A17 without micronutrients) \$32 each	
Organic mat	tter test (optional) \$18 each	
DATA ONLY, ir	n a bar-graph format	
<u>Turnaround time</u> : □	,	
(check one)	RUSH : 3-5 working days at normal cost plus 100% of the analytical fee.	
Authorized by: (signature))	
(print)) Date: R	Rev