

Soil Test Sample Summary of Micronutrients
for
All 2020 Samples

Agronomic crops

Boron	Zinc	Copper	Iron	Manganese
low: 260	low: 189	low: 286	low: 63	low: 70
medium: 1289	medium: 540	below norm: 1056	below norm: 599	below norm: 572
optimum: 758	optimum: 922	normal: 880	normal: 608	normal: 1037
above opt: 99	above opt: 755	above norm: 184	above norm: 1136	above norm: 727

Lawns & Turf crops

Boron	Zinc	Copper	Iron	Manganese
low: 267	low: 74	low: 109	low: 14	low: 69
medium: 577	medium: 188	below norm: 577	below norm: 189	below norm: 266
optimum: 144	optimum: 305	normal: 307	normal: 218	normal: 404
above opt: 26	above opt: 447	above norm: 21	above norm: 593	above norm: 275

Commercial Vegetables

Boron	Zinc	Copper	Iron	Manganese
low: 54	low: 25	low: 44	low: 37	low: 25
medium: 131	medium: 79	below norm: 151	below norm: 115	below norm: 119
optimum: 71	optimum: 98	normal: 62	normal: 57	normal: 83
above opt: 7	above opt: 61	above norm: 6	above norm: 54	above norm: 36

Chemical Home Gardens

Boron	Zinc	Copper	Iron	Manganese
low: 73	low: 14	low: 96	low: 54	low: 29
medium: 212	medium: 75	below norm: 365	below norm: 285	below norm: 145
optimum: 247	optimum: 139	normal: 217	normal: 172	normal: 262
above opt: 165	above opt: 469	above norm: 19	above norm: 186	above norm: 261

Organic Gardens & Crops

Boron	Zinc	Copper	Iron	Manganese
low: 266	low: 72	low: 362	low: 265	low: 118
medium: 865	medium: 359	below norm: 1960	below norm: 1630	below norm: 632
optimum: 1397	optimum: 789	normal: 1053	normal: 838	normal: 1343
above opt: 903	above opt: 2211	above norm: 56	above norm: 698	above norm: 1338

Commercial Fruit

Boron	Zinc	Copper	Iron	Manganese
low: 40	low: 16	low: 22	low: 8	low: 9
medium: 137	medium: 42	below norm: 133	below norm: 71	below norm: 63
optimum: 68	optimum: 73	normal: 103	normal: 61	normal: 102
above opt: 20	above opt: 134	above norm: 7	above norm: 125	above norm: 91

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Commercial Potatoes/Rotation

Boron		Zinc		Copper		Iron		Manganese	
low:	61	low:	52	low:	43	low:	23	low:	2
medium:	157	medium:	100	below norm:	58	below norm:	100	below norm:	53
optimum:	68	optimum:	95	normal:	72	normal:	102	normal:	106
above opt:	1	above opt:	40	above norm:	114	above norm:	62	above norm:	126

Forestry/Christmas trees

Boron		Zinc		Copper		Iron		Manganese	
low:	15	low:	7	low:	4	low:	0	low:	0
medium:	39	medium:	13	below norm:	27	below norm:	5	below norm:	10
optimum:	2	optimum:	21	normal:	22	normal:	12	normal:	22
above opt:	1	above opt:	16	above norm:	4	above norm:	40	above norm:	25

Ornamentals

Boron		Zinc		Copper		Iron		Manganese	
low:	70	low:	17	low:	36	low:	12	low:	23
medium:	114	medium:	35	below norm:	188	below norm:	92	below norm:	63
optimum:	123	optimum:	64	normal:	110	normal:	85	normal:	115
above opt:	34	above opt:	225	above norm:	7	above norm:	152	above norm:	140

No crop/Other

Boron		Zinc		Copper		Iron		Manganese	
low:	13	low:	9	low:	20	low:	10	low:	15
medium:	50	medium:	16	below norm:	48	below norm:	35	below norm:	18
optimum:	24	optimum:	24	normal:	24	normal:	16	normal:	16
above opt:	29	above opt:	67	above norm:	24	above norm:	55	above norm:	67

Grand Totals

Boron		Zinc		Copper		Iron		Manganese	
low:	1122	low:	475	low:	1040	low:	486	low:	363
medium:	3659	medium:	1461	below norm:	4607	below norm:	3121	below norm:	1958
optimum:	2920	optimum:	2575	normal:	2897	normal:	2169	normal:	3507
above opt:	1285	above opt:	4475	above norm:	442	above norm:	3210	above norm:	3158