

Soil Test Sample Summary of Micronutrients
for
All 2015 Samples

Agronomic crops

Boron	Zinc	Copper	Iron	Manganese
low: 236	low: 112	low: 356	low: 80	low: 92
medium: 1114	medium: 441	below norm: 965	below norm: 447	below norm: 516
optimum: 525	optimum: 799	normal: 500	normal: 448	normal: 795
above opt: 29	above opt: 552	above norm: 83	above norm: 929	above norm: 501

Lawns & Turf crops

Boron	Zinc	Copper	Iron	Manganese
low: 300	low: 59	low: 181	low: 50	low: 62
medium: 636	medium: 216	below norm: 562	below norm: 277	below norm: 319
optimum: 146	optimum: 299	normal: 326	normal: 267	normal: 402
above opt: 12	above opt: 520	above norm: 25	above norm: 500	above norm: 311

Commercial Vegetables

Boron	Zinc	Copper	Iron	Manganese
low: 81	low: 21	low: 55	low: 27	low: 30
medium: 120	medium: 90	below norm: 131	below norm: 112	below norm: 106
optimum: 57	optimum: 87	normal: 66	normal: 67	normal: 99
above opt: 15	above opt: 75	above norm: 21	above norm: 67	above norm: 38

Chemical Home Gardens

Boron	Zinc	Copper	Iron	Manganese
low: 110	low: 22	low: 172	low: 147	low: 25
medium: 248	medium: 64	below norm: 424	below norm: 361	below norm: 174
optimum: 300	optimum: 198	normal: 208	normal: 151	normal: 310
above opt: 165	above opt: 539	above norm: 19	above norm: 164	above norm: 314

Organic Gardens & Crops

Boron	Zinc	Copper	Iron	Manganese
low: 269	low: 99	low: 499	low: 269	low: 106
medium: 748	medium: 272	below norm: 1285	below norm: 1156	below norm: 585
optimum: 931	optimum: 495	normal: 598	normal: 520	normal: 953
above opt: 480	above opt: 1562	above norm: 46	above norm: 483	above norm: 784

Commercial Fruit

Boron	Zinc	Copper	Iron	Manganese
low: 30	low: 11	low: 36	low: 3	low: 11
medium: 161	medium: 49	below norm: 152	below norm: 73	below norm: 58
optimum: 86	optimum: 75	normal: 76	normal: 68	normal: 118
above opt: 16	above opt: 158	above norm: 29	above norm: 149	above norm: 106

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Commercial Potatoes/Rotation

Boron	Zinc	Copper	Iron	Manganese
low: 225	low: 103	low: 101	low: 77	low: 14
medium: 548	medium: 365	below norm: 249	below norm: 292	below norm: 344
optimum: 225	optimum: 433	normal: 261	normal: 342	normal: 507
above opt: 20	above opt: 117	above norm: 407	above norm: 307	above norm: 153

Forestry/Christmas trees

Boron	Zinc	Copper	Iron	Manganese
low: 10	low: 0	low: 6	low: 0	low: 1
medium: 32	medium: 7	below norm: 18	below norm: 3	below norm: 5
optimum: 9	optimum: 23	normal: 18	normal: 6	normal: 10
above opt: 0	above opt: 21	above norm: 9	above norm: 42	above norm: 35

Ornamentals

Boron	Zinc	Copper	Iron	Manganese
low: 42	low: 20	low: 59	low: 20	low: 36
medium: 126	medium: 19	below norm: 111	below norm: 80	below norm: 65
optimum: 88	optimum: 57	normal: 98	normal: 64	normal: 75
above opt: 24	above opt: 184	above norm: 12	above norm: 116	above norm: 104

No crop/Other

Boron	Zinc	Copper	Iron	Manganese
low: 148	low: 128	low: 30	low: 35	low: 17
medium: 133	medium: 109	below norm: 127	below norm: 122	below norm: 132
optimum: 74	optimum: 41	normal: 161	normal: 97	normal: 112
above opt: 27	above opt: 104	above norm: 64	above norm: 128	above norm: 121

Grand Totals

Boron	Zinc	Copper	Iron	Manganese
low: 1455	low: 577	low: 1519	low: 708	low: 395
medium: 3940	medium: 1639	below norm: 4093	below norm: 2923	below norm: 2316
optimum: 2475	optimum: 2540	normal: 2330	normal: 2031	normal: 3418
above opt: 788	above opt: 3902	above norm: 716	above norm: 2996	above norm: 2529