

Soil Test Sample Summary of Micronutrients  
for  
All 2025 Samples

**Agronomic crops**

Boron	Zinc	Copper	Iron	Manganese
low: 338	low: 165	low: 233	low: 18	low: 89
medium: 969	medium: 463	below norm: 861	below norm: 496	below norm: 320
optimum: 509	optimum: 702	normal: 616	normal: 439	normal: 832
above opt: 26	above opt: 512	above norm: 132	above norm: 889	above norm: 601

**Lawns & Turf crops**

Boron	Zinc	Copper	Iron	Manganese
low: 332	low: 74	low: 127	low: 5	low: 89
medium: 420	medium: 190	below norm: 481	below norm: 133	below norm: 242
optimum: 104	optimum: 270	normal: 259	normal: 186	normal: 316
above opt: 21	above opt: 343	above norm: 10	above norm: 553	above norm: 230

**Commercial Vegetables**

Boron	Zinc	Copper	Iron	Manganese
low: 41	low: 23	low: 32	low: 30	low: 8
medium: 96	medium: 54	below norm: 127	below norm: 94	below norm: 78
optimum: 66	optimum: 82	normal: 53	normal: 52	normal: 92
above opt: 13	above opt: 57	above norm: 4	above norm: 40	above norm: 38

**Chemical Home Gardens**

Boron	Zinc	Copper	Iron	Manganese
low: 64	low: 37	low: 77	low: 27	low: 17
medium: 177	medium: 63	below norm: 342	below norm: 267	below norm: 113
optimum: 244	optimum: 122	normal: 214	normal: 175	normal: 239
above opt: 160	above opt: 423	above norm: 12	above norm: 176	above norm: 276

**Organic Gardens & Crops**

Boron	Zinc	Copper	Iron	Manganese
low: 251	low: 112	low: 357	low: 216	low: 80
medium: 600	medium: 305	below norm: 1706	below norm: 1367	below norm: 546
optimum: 1214	optimum: 655	normal: 838	normal: 816	normal: 1048
above opt: 881	above opt: 1874	above norm: 45	above norm: 547	above norm: 1272

**Commercial Fruit**

Boron	Zinc	Copper	Iron	Manganese
low: 47	low: 24	low: 34	low: 15	low: 14
medium: 110	medium: 35	below norm: 117	below norm: 55	below norm: 47
optimum: 63	optimum: 68	normal: 63	normal: 57	normal: 94
above opt: 14	above opt: 107	above norm: 20	above norm: 107	above norm: 79

Soil Test Sample Summary of Micronutrients  
for  
All 2025 Samples

**Commercial Potatoes/Rotation**

Boron		Zinc		Copper		Iron		Manganese	
low:	23	low:	36	low:	32	low:	6	low:	6
medium:	58	medium:	42	below norm:	35	below norm:	53	below norm:	40
optimum:	47	optimum:	30	normal:	38	normal:	47	normal:	67
above opt:	4	above opt:	24	above norm:	27	above norm:	26	above norm:	19

**Forestry/Christmas trees**

Boron		Zinc		Copper		Iron		Manganese	
low:	23	low:	24	low:	13	low:	1	low:	4
medium:	47	medium:	26	below norm:	43	below norm:	5	below norm:	18
optimum:	9	optimum:	19	normal:	20	normal:	17	normal:	25
above opt:	0	above opt:	10	above norm:	3	above norm:	56	above norm:	32

**Ornamentals**

Boron		Zinc		Copper		Iron		Manganese	
low:	78	low:	18	low:	24	low:	9	low:	23
medium:	142	medium:	32	below norm:	195	below norm:	89	below norm:	56
optimum:	137	optimum:	59	normal:	170	normal:	108	normal:	141
above opt:	49	above opt:	297	above norm:	17	above norm:	200	above norm:	186

**No crop/Other**

Boron		Zinc		Copper		Iron		Manganese	
low:	191	low:	165	low:	121	low:	42	low:	139
medium:	109	medium:	76	below norm:	129	below norm:	108	below norm:	93
optimum:	71	optimum:	72	normal:	155	normal:	80	normal:	58
above opt:	73	above opt:	131	above norm:	39	above norm:	214	above norm:	154

**Grand Totals**

Boron		Zinc		Copper		Iron		Manganese	
low:	1398	low:	678	low:	1082	low:	369	low:	485
medium:	2890	medium:	1303	below norm:	4156	below norm:	2668	below norm:	1590
optimum:	2535	optimum:	2125	normal:	2518	normal:	1978	normal:	2950
above opt:	1242	above opt:	3959	above norm:	309	above norm:	3050	above norm:	3040