

Heavy Metal Requirements by State/Country

California	Washington	Oregon	Canada	AAPFCO USA	OMRI USA
Arsenic Cadmium Cobalt Copper Lead Mercury Molybdenum Nickel Selenium	Arsenic Cadmium Cobalt Lead Mercury Molybdenum Nickel Selenium Zinc	Arsenic Cadmium Lead Mercury Nickel	Arsenic Cadmium Chromium Cobalt Copper Lead Mercury Molybdenum Nickel Selenium Zinc	Arsenic Cadmium Cobalt Lead Mercury Molybdenum Nickel Selenium Zinc	As Cd Pb
California Limits	Washington Limits	Oregon Limits	Organic Inputs Canada	AAPFCO Limits	OMRI Limits
(1)For each 1% P ₂ O ₅ guaranteed - ppm - product >=6% P2O5 (2)(For each 1% Fe, Mn, or Zn guaranteed – ppm - >=6% P2O5 + micro) (3) <6% P2O5 no micro – max ppm (<6% P2O5 + micro)	Annual maximum acceptable metals additions to soil (lbs/acre/year):	Maximum allowed level per 1% P ₂ O ₅ - ppm (Maximum allowed level per 1% highest level micronutrient - ppm) No P2O5, no micro - ppm	Cadmium shall not exceed 90 mg/kg P2O5 (rock Phosphate) CFIA Limits Maximum acceptable cumulative metal addition to soil over 45 years (kg metal/ha)	ppm per 1% P2O5 (ppm per 1% micro)	Compost, manure, mulch, transplant container media and mulch for use as crop weed control – caution, cannot be listed (Mined Minerals, soil and ash – caution, cannot be listed) ppm per product
As = 2 (13) 10 (2+3) Cd = 4 (12) 20 (2+3) Pb = 20 (140) 100 (2+3)	As = 0.297 Cd = 0.079 Co = 0.594 Hg = 0.019 Mo = 0.079 Ni = 0.713 Pb = 1.981 Se = 0.055 Zn = 7.329	As = 9 (76) 54 Cd = 7.5 (61) 45 Pb = 43 (340) 258 Hg = 0.7 (4.5) 4.2 Ni = 175 (1330) 1050	As = 15 Cd = 4 Cr = 210 Co = 30 Cu = 150 Pb = 300 Hg = 1 Mo = 4 Ni = 170 Se = 36 Zn = 370	As = 13 (112) Cd = 10 (82) Co = 136 (2228) Pb = 61 (463) Hg = 1 (6) Mo = 42 (300) Ni = 250 (1900) Se = 26 (180) Zn = 420 (2900)	As = 10, 149 (20, 100) Cd = 20, 40 (40, 80) Pb = 90, 290 (180, 590)