

## Comparison of Selected U.S. Fertilizer Metal Level Standards

Location	AAPFCO (FL, MT, AZ*, NV**)		CA			TX		WA	MN	OR (AAPFCO @ 95% Conf.)			ME	EPA	
	ppm per 1% P2O5	ppm per 1% micro-nutrient	ppm per 1% P2O5 2002 / 03 / 04	ppm for specialty fertilizers guarantees <6% Avail. phosphate 2002/ 03/ 04	ppm per 1 % Fe, Mn, and/or Zn	ppm when conforming to Sec. 65.17(d)(2) of TX Admin Code (@ 120 lb/acre/yr)	lbs/acre/yr when conforming to Sec. 65.17(d)(1) of TX Admin Code	lbs / acre / year	PPM Conc.	ppm per 1% P2O5	ppm per 1% micro-nutrient	ppm no P2O5 or micro-nutrient guar.	PPM Conc.	mg/kg dw Zn Fertilizers (35.5% Zn) from Recycled Haz. Waste	mg/kg dw 20 x TCLP Zn Fertilizers from Recycled Hazardous Waste, expressed as levels in leachate extract
Arsenic	13	112	4 / 3 / 2	20 / 15 / 10	13	41	.37	.297	500	9	76	54	500	21.3	100.0
Cadmium	10	83	6 / 5 / 4	30 / 25 / 20	12	39	.35	.079		7.5	61	45		49.7	20.0
Cobalt	3100	23000	-	-	-	-	-	.594						-	-
Lead	61	463	20/20/20	100 / 100 / 100	140	300	2.68	1.981		43	340	258		99.4	100.0
Mercury	1	6	-	-	-	17	.15	.019		0.7	4.5	4.2		10.7	4.0
Molybdenum	42	300	-	-	-	18 (if not guaranteed)	.16 (if not guaranteed)	.079						-	-
Nickel	250	1900	-	-	-	420	3.75	.713		175	1330	1050		49.7	-
Selenium	26	180	-	-	-	100 (if not guaranteed)	.89 (if not guaranteed)	.055						-	-
Zinc	420	2900	-	-	-	2800 (if not guaranteed)	25.0 (if not guaranteed)	7.329						-	-
Copper	-	-	-	-	-	1500 (if not guaranteed)	13.4 (if not guaranteed)	-						-	-
Chromium														21.3	100.0

\* Proposed

\*\* Proposed with no 6% Default

Revised 01/27/04