

US EPA ARCHIVE DOCUMENT





















99th Percentile Risks from Application of Fertilizer Products  
Zinc (Child)

Climate Region	Product	Soil Ingestion	Fruit Ingestion	Vegetable Ingestion	Below-ground Vegetable Ingestion	Beef Ingestion	Milk Ingestion	Fish Ingestion	Direct Inhalation	All Indirect Pathways Combined <sup>1</sup>
San Francisco, CA	Boron	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	0.00060	0.00501	0.00800	0.00060	0.00030	0.00040	0.00000	NA	0.01431
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	0.06000	0.40000	0.80000	0.05000	0.03000	0.04000	0.00000	NA	1.32000
	Micronutrients	0.00501	0.06000	0.07000	0.00501	0.00301	0.00400	0.00000	NA	0.14202
	Mn	0.00001	0.00005	0.00007	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	0.00400	0.04000	0.05000	0.00401	0.00201	0.00300	0.00000	NA	0.09902
	NPK for P2O5	0.00080	0.00601	0.00500	0.00040	0.00020	0.00030	0.00000	NA	0.01191
	P2O5 - 1	0.00030	0.00401	0.00500	0.00040	0.00010	0.00020	0.00000	NA	0.00971
	Potash	0.00000	0.00001	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00003
	S as Nutrient	0.00060	0.00600	0.00901	0.00060	0.00020	0.00030	0.00000	NA	0.01611
	S as Ph	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Winnemucca, NV	Boron	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	0.00060	0.00600	0.00800	0.00050	0.00030	0.00040	0.00000	NA	0.01520
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	0.05010	0.40000	0.80000	0.04010	0.03000	0.04000	0.00000	NA	1.31010
	Micronutrients	0.00600	0.06000	0.07000	0.00600	0.00301	0.00400	0.00000	NA	0.14301
	Mn	0.00001	0.00005	0.00007	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	0.00400	0.04000	0.05000	0.00500	0.00201	0.00300	0.00000	NA	0.10001
	NPK for P2O5	0.00080	0.00601	0.00500	0.00040	0.00020	0.00030	0.00000	NA	0.01191
	P2O5 - 1	0.00030	0.00401	0.00500	0.00050	0.00010	0.00020	0.00000	NA	0.00981
	Potash	0.00000	0.00001	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00003
	S as Nutrient	0.00060	0.00600	0.00901	0.00060	0.00030	0.00030	0.00000	NA	0.01621
	S as Ph	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA

<sup>1</sup> All Indirect Pathways Combined includes Fruit, Vegetable, Below-ground Vegetable, Beef, and Milk Ingestion. Numbers less than 0.00001 appear as a default of 0.00000.