

US EPA ARCHIVE DOCUMENT

95th 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 ¹
San Francisco, CA	Boron	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	0.00030	0.00200	0.00300	0.00030	0.00010	0.00020	0.00000	NA	0.00560
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	0.02000	0.10000	0.20000	0.02000	0.00400	0.01000	0.00000	NA	0.33400
	Micronutrients	0.00300	0.02000	0.03000	0.00300	0.00090	0.00200	0.00000	NA	0.05590
	Mn	0.00000	0.00002	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00006
	NPK as N	0.00071	0.00500	0.00700	0.00071	0.00020	0.00030	0.00000	NA	0.01321
	NPK for P2O5	0.00020	0.00100	0.00105	0.00010	0.00005	0.00009	0.00000	NA	0.00229
	P2O5 - 1	0.00010	0.00100	0.00100	0.00010	0.00004	0.00007	0.00000	NA	0.00221
	Potash	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	0.00020	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	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	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	0.00030	0.00205	0.00300	0.00030	0.00010	0.00020	0.00000	NA	0.00565
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	0.02000	0.10000	0.20000	0.02000	0.00400	0.01000	0.00000	NA	0.33400
	Micronutrients	0.00300	0.02000	0.03000	0.00300	0.00090	0.00200	0.00000	NA	0.05590
	Mn	0.00000	0.00002	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00006
	NPK as N	0.00080	0.00500	0.00700	0.00071	0.00020	0.00030	0.00000	NA	0.01321
	NPK for P2O5	0.00020	0.00100	0.00200	0.00010	0.00005	0.00009	0.00000	NA	0.00324
	P2O5 - 1	0.00010	0.00100	0.00100	0.00010	0.00004	0.00008	0.00000	NA	0.00222
	Potash	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	0.00020	0.00200	0.00200	0.00020	0.00006	0.00010	0.00000	NA	0.00436
	S as Ph	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA

¹ 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.