

US EPA ARCHIVE DOCUMENT

90th 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	0.00000
	Gypsum Products	0.00020	0.00100	0.00200	0.00020	0.00006	0.00010	0.00000	NA	0.00336
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	0.00910	0.06000	0.09100	0.00700	0.00200	0.00500	0.00000	NA	0.16500
	Micronutrients	0.00200	0.01000	0.02000	0.00200	0.00050	0.00090	0.00000	NA	0.03340
	Mn	0.00000	0.00001	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00003
	NPK as N	0.00030	0.00200	0.00300	0.00020	0.00007	0.00010	0.00000	NA	0.00537
	NPK for P2O5	0.00007	0.00040	0.00060	0.00005	0.00002	0.00004	0.00000	NA	0.00111
	P2O5 - 1	0.00007	0.00050	0.00070	0.00006	0.00002	0.00004	0.00000	NA	0.00132
	Potash	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	0.00010	0.00050	0.00090	0.00007	0.00002	0.00006	0.00000	NA	0.00155
	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	0.00000
	Gypsum Products	0.00020	0.00100	0.00200	0.00020	0.00006	0.00010	0.00000	NA	0.00336
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	0.01000	0.06000	0.10000	0.00700	0.00200	0.00500	0.00000	NA	0.17400
	Micronutrients	0.00200	0.01000	0.02000	0.00200	0.00051	0.00090	0.00000	NA	0.03341
	Mn	0.00000	0.00001	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00003
	NPK as N	0.00030	0.00200	0.00300	0.00020	0.00007	0.00010	0.00000	NA	0.00537
	NPK for P2O5	0.00007	0.00040	0.00060	0.00005	0.00002	0.00004	0.00000	NA	0.00111
	P2O5 - 1	0.00007	0.00050	0.00080	0.00006	0.00002	0.00004	0.00000	NA	0.00142
	Potash	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	0.00010	0.00060	0.00090	0.00007	0.00002	0.00005	0.00000	NA	0.00164
	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.