

US EPA ARCHIVE DOCUMENT





















50th 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	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	0.00004	0.00020	0.00030	0.00003	0.00001	0.00002	0.00000	NA	0.00056
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	0.00010	0.00060	0.00100	0.00008	0.00002	0.00005	0.00000	NA	0.00175
	Micronutrients	0.00030	0.00200	0.00300	0.00020	0.00007	0.00020	0.00000	NA	0.00547
	Mn	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	0.00001	0.00006	0.00008	0.00001	0.00000	0.00001	0.00000	NA	0.00016
	NPK for P2O5	0.00001	0.00004	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00010
	P2O5 - 1	0.00001	0.00005	0.00007	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	Potash	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	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	0.00004	0.00020	0.00030	0.00003	0.00001	0.00002	0.00000	NA	0.00056
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	0.00010	0.00060	0.00100	0.00009	0.00003	0.00005	0.00000	NA	0.00177
	Micronutrients	0.00030	0.00200	0.00300	0.00020	0.00007	0.00020	0.00000	NA	0.00547
	Mn	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	0.00001	0.00006	0.00009	0.00001	0.00000	0.00001	0.00000	NA	0.00017
	NPK for P2O5	0.00001	0.00004	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00010
	P2O5 - 1	0.00001	0.00005	0.00007	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	Potash	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	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.