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50th Percentile Media Concentrations and Risks from Application of Fertilizer Products
Zinc (Adult)

Climate Region	Product	*soil conc (mg/kg)*	*fruit conc (mg/kg-DW)*	*above-ground vegetable conc (mg/kg-DW)*	*below-ground veg conc (mg/kg)*	*beef conc (mg/kg)*	*milk conc (mg/kg)*	*fish conc (mg/kg)*	Soil Ingestion	Fruit Ingestion	Vegetable Ingestion	Below-ground Vegetable Ingestion	Beef Ingestion	Milk Ingestion	Fish Ingestion	Direct Inhalation	All Indirect Pathways Combined[1]
Seattle, WA	**Boron**	0.00407	0.00136	0.00135	0.00055	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.63000	1.16000	1.15000	0.46400	0.00205	0.00116	0.00001	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.31000	3.20000	3.20000	0.86300	0.00581	0.00302	0.00002	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	31.40000	9.80000	9.77000	3.89000	0.01660	0.00978	0.00013	0.00007	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03130	0.00939	0.00932	0.00384	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.17000	0.37500	0.37200	0.14400	0.00068	0.00040	0.00000	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00014
	NPK for P2O5	0.52300	0.19200	0.19100	0.06700	0.00032	0.00018	0.00000	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.74500	0.25100	0.25100	0.09840	0.00048	0.00027	0.00000	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00644	0.00231	0.00230	0.00086	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05680	0.01690	0.01690	0.00716	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Albuquerque, NM	**Boron**	0.00432	0.00147	0.00147	0.00059	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.89000	1.25000	1.25000	0.49600	0.00216	0.00121	0.00001	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.59000	3.32000	3.32000	0.92100	0.00616	0.00317	0.00001	0.00001	0.00090	0.00065	0.00009	0.00002	0.00003	0.00000	NA	0.00169
	Micronutrients	33.40000	10.60000	10.60000	4.21000	0.01750	0.01050	0.00007	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03310	0.00994	0.00993	0.00421	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.24000	0.39500	0.39400	0.15500	0.00073	0.00041	0.00000	0.00000	0.00008	0.00006	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.55500	0.20800	0.20700	0.07160	0.00033	0.00019	0.00000	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.79100	0.26500	0.26500	0.10500	0.00049	0.00028	0.00000	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00706	0.00247	0.00247	0.00093	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.06060	0.01840	0.01840	0.00765	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Atlanta, GA	**Boron**	0.00393	0.00132	0.00132	0.00052	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.47000	1.11000	1.10000	0.44600	0.00197	0.00110	0.00000	0.00001	0.00020	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00045
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.33000	2.99000	2.99000	0.83600	0.00549	0.00281	0.00001	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	30.20000	9.57000	9.55000	3.74000	0.01580	0.00932	0.00004	0.00007	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.02980	0.00888	0.00885	0.00362	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.13000	0.35500	0.35500	0.13800	0.00064	0.00038	0.00000	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	NPK for P2O5	0.50000	0.18300	0.18300	0.06390	0.00030	0.00018	0.00000	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.70900	0.24000	0.24000	0.09510	0.00045	0.00026	0.00000	0.00000	0.00006	0.00004	0.00001	0.00000	0.00000	0.00000	NA	0.00011
	Potash	0.00622	0.00225	0.00224	0.00083	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05490	0.01620	0.01610	0.00687	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Climate Region	Product	*soil conc (mg/kg)*	*fruit conc (mg/kg-DW)*	*above-ground vegetable conc (mg/kg-DW)*	*below-ground veg conc (mg/kg)*	*beef conc (mg/kg)*	*milk conc (mg/kg)*	*fish conc (mg/kg)*	Soil Ingestion	Fruit Ingestion	Vegetable Ingestion	Below-ground Vegetable Ingestion	Beef Ingestion	Milk Ingestion	Fish Ingestion	Direct Inhalation	All Indirect Pathways Combined[1]
Bismarck, ND	**Boron**	0.00422	0.00140	0.00140	0.00057	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.79000	1.20000	1.20000	0.48100	0.00207	0.00116	0.00002	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.63000	3.27000	3.27000	0.91600	0.00598	0.00297	0.00003	0.00001	0.00090	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00163
	Micronutrients	32.70000	10.20000	10.20000	4.07000	0.01650	0.01000	0.00014	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03220	0.00950	0.00949	0.00406	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.20000	0.38400	0.38400	0.15000	0.00067	0.00041	0.00001	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.53800	0.19600	0.19600	0.06940	0.00032	0.00019	0.00000	0.00000	0.00004	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.78200	0.26000	0.26000	0.10200	0.00048	0.00028	0.00000	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00678	0.00238	0.00238	0.00090	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05900	0.01760	0.01760	0.00736	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boise, ID	**Boron**	0.00445	0.00151	0.00150	0.00061	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.99000	1.28000	1.28000	0.51200	0.00220	0.00123	0.00001	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.83000	3.40000	3.39000	0.94100	0.00648	0.00325	0.00002	0.00001	0.00090	0.00070	0.00009	0.00002	0.00004	0.00000	NA	0.00175
	Micronutrients	34.80000	11.00000	11.00000	4.36000	0.01830	0.01090	0.00013	0.00008	0.00200	0.00200	0.00025	0.00005	0.00010	0.00000	NA	0.00440
	Mn	0.03410	0.01020	0.01010	0.00428	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.27000	0.41500	0.41400	0.15900	0.00075	0.00042	0.00000	0.00000	0.00008	0.00006	0.00001	0.00000	0.00000	0.00000	NA	0.00016
	NPK for P2O5	0.56600	0.21300	0.21200	0.07430	0.00035	0.00020	0.00000	0.00000	0.00005	0.00004	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.81700	0.27400	0.27400	0.10800	0.00051	0.00029	0.00000	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	Potash	0.00717	0.00251	0.00251	0.00095	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.06210	0.01890	0.01890	0.00772	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boulder, CO	**Boron**	0.00437	0.00148	0.00147	0.00059	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.91000	1.27000	1.27000	0.49600	0.00216	0.00121	0.00001	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.75000	3.29000	3.29000	0.91000	0.00613	0.00310	0.00002	0.00001	0.00090	0.00065	0.00008	0.00002	0.00003	0.00000	NA	0.00168
	Micronutrients	33.80000	10.70000	10.70000	4.26000	0.01780	0.01050	0.00012	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03350	0.01000	0.01000	0.00420	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.23000	0.40600	0.40500	0.15300	0.00074	0.00042	0.00000	0.00000	0.00008	0.00006	0.00001	0.00000	0.00000	0.00000	NA	0.00016
	NPK for P2O5	0.55100	0.20800	0.20700	0.07150	0.00034	0.00019	0.00000	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.79400	0.27000	0.26900	0.10600	0.00051	0.00029	0.00000	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	Potash	0.00702	0.00246	0.00245	0.00093	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05990	0.01850	0.01850	0.00762	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Casper, WY	Boron	0.00427	0.00143	0.00143	0.00057	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.85000	1.23000	1.23000	0.48900	0.00210	0.00119	0.00002	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.61000	3.29000	3.29000	0.90200	0.00583	0.00298	0.00003	0.00001	0.00090	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00163
	Micronutrients	32.80000	10.50000	10.50000	4.10000	0.01690	0.01010	0.00017	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03260	0.00967	0.00966	0.00409	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.22000	0.38900	0.38900	0.15100	0.00068	0.00040	0.00001	0.00000	0.00008	0.00006	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.54200	0.19900	0.19800	0.07030	0.00033	0.00019	0.00000	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.78500	0.26000	0.26000	0.10500	0.00048	0.00028	0.00000	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00680	0.00243	0.00242	0.00091	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05910	0.01770	0.01770	0.00750	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Charleston, SC	Boron	0.00399	0.00132	0.00132	0.00053	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.53000	1.13000	1.13000	0.45000	0.00198	0.00112	0.00005	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.28000	3.03000	3.02000	0.84700	0.00551	0.00282	0.00009	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	30.00000	9.63000	9.58000	3.77000	0.01580	0.00942	0.00045	0.00007	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03050	0.00903	0.00902	0.00371	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.13000	0.36200	0.36100	0.13900	0.00064	0.00038	0.00002	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	NPK for P2O5	0.50800	0.18600	0.18600	0.06460	0.00031	0.00018	0.00001	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.71900	0.24900	0.24800	0.09680	0.00045	0.00026	0.00001	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00639	0.00226	0.00226	0.00084	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05460	0.01630	0.01620	0.00693	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chicago, IL	Boron	0.00419	0.00141	0.00141	0.00056	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.72000	1.18000	1.17000	0.47800	0.00211	0.00120	0.00004	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.52000	3.23000	3.23000	0.88300	0.00603	0.00298	0.00007	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	32.20000	10.00000	10.00000	3.95000	0.01710	0.00995	0.00036	0.00008	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03250	0.00951	0.00946	0.00394	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.20000	0.39100	0.38900	0.14900	0.00069	0.00041	0.00001	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00014
	NPK for P2O5	0.53300	0.19600	0.19500	0.06880	0.00033	0.00019	0.00001	0.00000	0.00005	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.75500	0.25900	0.25700	0.10100	0.00048	0.00028	0.00001	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00669	0.00236	0.00235	0.00089	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05760	0.01740	0.01730	0.00733	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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50th Percentile Media Concentrations and Risks from Application of Fertilizer Products
Zinc (Adult)

Climate Region	Product	*soil conc (mg/kg)*	*fruit conc (mg/kg-DW)*	*above-ground vegetable conc (mg/kg-DW)*	*below-ground veg conc (mg/kg)*	*beef conc (mg/kg)*	*milk conc (mg/kg)*	*fish conc (mg/kg)*	Soil Ingestion	Fruit Ingestion	Vegetable Ingestion	Below-ground Vegetable Ingestion	Beef Ingestion	Milk Ingestion	Fish Ingestion	Direct Inhalation	All Indirect Pathways Combined[1]
Cleveland, OH	**Boron**	0.00420	0.00139	0.00139	0.00057	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.72000	1.18000	1.18000	0.47800	0.00213	0.00119	0.00004	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.54000	3.26000	3.24000	0.89300	0.00598	0.00302	0.00006	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	32.20000	10.10000	10.10000	3.99000	0.01710	0.01010	0.00036	0.00008	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03180	0.00952	0.00949	0.00393	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.20000	0.38000	0.37900	0.14900	0.00070	0.00040	0.00001	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.53800	0.19800	0.19600	0.06740	0.00033	0.00019	0.00001	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.76300	0.26000	0.25900	0.10200	0.00049	0.00028	0.00001	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00670	0.00236	0.00236	0.00088	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05790	0.01740	0.01730	0.00734	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fresno, CA	**Boron**	0.00430	0.00147	0.00146	0.00059	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.85000	1.24000	1.24000	0.49500	0.00214	0.00121	0.00001	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.62000	3.29000	3.29000	0.90300	0.00600	0.00310	0.00002	0.00001	0.00090	0.00070	0.00009	0.00002	0.00003	0.00000	NA	0.00174
	Micronutrients	33.90000	10.70000	10.70000	4.25000	0.01750	0.01040	0.00012	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03340	0.00983	0.00982	0.00418	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.24000	0.40100	0.39900	0.15600	0.00070	0.00041	0.00000	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.55300	0.20600	0.20500	0.07040	0.00033	0.00019	0.00000	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.79200	0.26300	0.26300	0.10500	0.00049	0.00029	0.00000	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00697	0.00246	0.00246	0.00092	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05930	0.01850	0.01850	0.00754	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grand Island, NE	**Boron**	0.00432	0.00144	0.00144	0.00058	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.84000	1.23000	1.22000	0.49200	0.00214	0.00120	0.00005	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.80000	3.29000	3.29000	0.91300	0.00606	0.00301	0.00008	0.00001	0.00090	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00163
	Micronutrients	33.50000	10.60000	10.60000	4.22000	0.01700	0.01020	0.00043	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03340	0.00987	0.00987	0.00413	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.22000	0.39600	0.39600	0.15500	0.00069	0.00041	0.00002	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.54900	0.20100	0.20100	0.07150	0.00033	0.00019	0.00001	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.79300	0.26800	0.26800	0.10500	0.00049	0.00028	0.00001	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00683	0.00242	0.00242	0.00092	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.06050	0.01780	0.01780	0.00752	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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50th Percentile Media Concentrations and Risks from Application of Fertilizer Products
Zinc (Adult)

Climate Region	Product	*soil conc (mg/kg)*	*fruit conc (mg/kg-DW)*	*above-ground vegetable conc (mg/kg-DW)*	*below-ground veg conc (mg/kg)*	*beef conc (mg/kg)*	*milk conc (mg/kg)*	*fish conc (mg/kg)*	Soil Ingestion	Fruit Ingestion	Vegetable Ingestion	Below-ground Vegetable Ingestion	Beef Ingestion	Milk Ingestion	Fish Ingestion	Direct Inhalation	All Indirect Pathways Combined[1]
Harrisburg, PA	Boron	0.00414	0.00140	0.00140	0.00055	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.72000	1.18000	1.18000	0.47100	0.00205	0.00116	0.00004	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.44000	3.13000	3.13000	0.88700	0.00574	0.00294	0.00006	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	31.40000	10.00000	10.00000	3.91000	0.01650	0.00974	0.00036	0.00008	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03200	0.00946	0.00945	0.00388	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.17000	0.38000	0.38000	0.14600	0.00068	0.00039	0.00001	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.53500	0.19200	0.19200	0.06770	0.00032	0.00018	0.00001	0.00000	0.00004	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.75300	0.25500	0.25500	0.09990	0.00046	0.00027	0.00001	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00660	0.00236	0.00235	0.00088	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05740	0.01740	0.01730	0.00733	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hartford, CT	Boron	0.00403	0.00136	0.00136	0.00054	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.62000	1.14000	1.13000	0.45600	0.00198	0.00114	0.00004	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.30000	3.11000	3.11000	0.86000	0.00553	0.00274	0.00006	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	30.50000	9.61000	9.60000	3.83000	0.01620	0.00962	0.00034	0.00007	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03060	0.00913	0.00911	0.00376	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.15000	0.36600	0.36600	0.14200	0.00065	0.00038	0.00001	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	NPK for P2O5	0.51400	0.18700	0.18700	0.06520	0.00031	0.00018	0.00001	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.72700	0.25000	0.25000	0.09740	0.00045	0.00027	0.00001	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00647	0.00228	0.00228	0.00085	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05560	0.01670	0.01670	0.00706	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Houston, TX	Boron	0.00400	0.00134	0.00134	0.00053	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.55000	1.12000	1.12000	0.45900	0.00198	0.00112	0.00011	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.31000	3.11000	3.11000	0.86700	0.00554	0.00278	0.00017	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	30.60000	9.54000	9.53000	3.83000	0.01610	0.00951	0.00092	0.00007	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03050	0.00902	0.00901	0.00374	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.14000	0.36600	0.36500	0.14000	0.00063	0.00038	0.00004	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	NPK for P2O5	0.52000	0.19300	0.19200	0.06610	0.00031	0.00018	0.00002	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.72500	0.24600	0.24600	0.09670	0.00045	0.00026	0.00002	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00652	0.00226	0.00225	0.00084	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05500	0.01660	0.01660	0.00697	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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50th Percentile Media Concentrations and Risks from Application of Fertilizer Products
Zinc (Adult)

Climate Region	Product	*soil conc (mg/kg)*	*fruit conc (mg/kg-DW)*	*above-ground vegetable conc (mg/kg-DW)*	*below-ground veg conc (mg/kg)*	*beef conc (mg/kg)*	*milk conc (mg/kg)*	*fish conc (mg/kg)*	Soil Ingestion	Fruit Ingestion	Vegetable Ingestion	Below-ground Vegetable Ingestion	Beef Ingestion	Milk Ingestion	Fish Ingestion	Direct Inhalation	All Indirect Pathways Combined[1]
Huntington, WV	Boron	0.00415	0.00139	0.00139	0.00056	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.70000	1.18000	1.18000	0.47100	0.00206	0.00117	0.00004	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.58000	3.18000	3.17000	0.89800	0.00587	0.00290	0.00007	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	31.90000	10.10000	10.10000	3.94000	0.01680	0.00985	0.00037	0.00008	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03190	0.00951	0.00948	0.00390	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.19000	0.37300	0.37300	0.14500	0.00068	0.00040	0.00001	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.53400	0.19500	0.19400	0.06850	0.00032	0.00019	0.00001	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.75800	0.25600	0.25600	0.10200	0.00047	0.00028	0.00001	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00666	0.00235	0.00235	0.00089	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05750	0.01720	0.01710	0.00728	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Las Vegas, NV	Boron	0.00429	0.00146	0.00146	0.00059	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.87000	1.25000	1.25000	0.49500	0.00212	0.00121	0.00001	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.73000	3.33000	3.33000	0.89500	0.00597	0.00305	0.00001	0.00001	0.00090	0.00070	0.00008	0.00002	0.00003	0.00000	NA	0.00173
	Micronutrients	34.00000	10.70000	10.70000	4.21000	0.01720	0.01050	0.00007	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03310	0.00992	0.00992	0.00413	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.23000	0.39500	0.39400	0.15300	0.00069	0.00040	0.00000	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.55400	0.20400	0.20300	0.07150	0.00033	0.00019	0.00000	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.79100	0.26500	0.26500	0.10500	0.00048	0.00028	0.00000	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00697	0.00246	0.00245	0.00093	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05940	0.01850	0.01850	0.00760	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Los Angeles, CA	Boron	0.00425	0.00144	0.00144	0.00058	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.85000	1.22000	1.22000	0.48400	0.00212	0.00118	0.00001	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.63000	3.26000	3.26000	0.90000	0.00590	0.00297	0.00002	0.00001	0.00090	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00163
	Micronutrients	33.20000	10.60000	10.60000	4.14000	0.01710	0.01030	0.00009	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03280	0.00979	0.00978	0.00407	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.23000	0.39500	0.39400	0.15100	0.00069	0.00041	0.00000	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.54800	0.20000	0.20000	0.07060	0.00032	0.00019	0.00000	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.78000	0.25700	0.25700	0.10500	0.00048	0.00028	0.00000	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00678	0.00243	0.00242	0.00091	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05910	0.01780	0.01780	0.00740	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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50th Percentile Media Concentrations and Risks from Application of Fertilizer Products
Zinc (Adult)

Climate Region	Product	*soil conc (mg/kg)*	*fruit conc (mg/kg-DW)*	*above-ground vegetable conc (mg/kg-DW)*	*below-ground veg conc (mg/kg)*	*beef conc (mg/kg)*	*milk conc (mg/kg)*	*fish conc (mg/kg)*	Soil Ingestion	Fruit Ingestion	Vegetable Ingestion	Below-ground Vegetable Ingestion	Beef Ingestion	Milk Ingestion	Fish Ingestion	Direct Inhalation	All Indirect Pathways Combined[1]
Memphis, TN	**Boron**	0.00395	0.00133	0.00132	0.00052	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.53000	1.11000	1.11000	0.44200	0.00198	0.00111	0.00009	0.00001	0.00020	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00045
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.21000	3.03000	3.02000	0.84900	0.00557	0.00280	0.00013	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	29.80000	9.33000	9.32000	3.67000	0.01610	0.00951	0.00076	0.00007	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03020	0.00902	0.00900	0.00361	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.11000	0.36500	0.36300	0.13900	0.00062	0.00037	0.00003	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	NPK for P2O5	0.49800	0.18700	0.18600	0.06330	0.00031	0.00018	0.00001	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.70600	0.24200	0.24100	0.09560	0.00044	0.00026	0.00002	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00631	0.00227	0.00226	0.00083	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05430	0.01590	0.01580	0.00680	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miami, FL	**Boron**	0.00363	0.00121	0.00120	0.00049	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.16000	0.99200	0.99200	0.42100	0.00174	0.00102	0.00003	0.00001	0.00020	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00045
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	4.91000	2.86000	2.86000	0.78500	0.00523	0.00261	0.00006	0.00001	0.00070	0.00050	0.00007	0.00001	0.00003	0.00000	NA	0.00131
	Micronutrients	27.20000	8.77000	8.76000	3.35000	0.01440	0.00861	0.00028	0.00006	0.00200	0.00100	0.00020	0.00004	0.00009	0.00000	NA	0.00333
	Mn	0.02710	0.00826	0.00825	0.00332	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.01000	0.33800	0.33700	0.12700	0.00056	0.00034	0.00001	0.00000	0.00007	0.00004	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	NPK for P2O5	0.44400	0.16600	0.16600	0.05860	0.00027	0.00016	0.00000	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.64800	0.22500	0.22500	0.08760	0.00041	0.00023	0.00001	0.00000	0.00005	0.00004	0.00001	0.00000	0.00000	0.00000	NA	0.00010
	Potash	0.00587	0.00197	0.00197	0.00075	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05070	0.01480	0.01470	0.00666	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minneapolis, MN	**Boron**	0.00424	0.00141	0.00141	0.00057	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.80000	1.22000	1.22000	0.47900	0.00212	0.00122	0.00003	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.62000	3.27000	3.27000	0.91100	0.00603	0.00305	0.00005	0.00001	0.00090	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00163
	Micronutrients	32.70000	10.30000	10.20000	4.08000	0.01740	0.01010	0.00030	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03250	0.00977	0.00973	0.00407	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.20000	0.39100	0.39000	0.15000	0.00071	0.00042	0.00001	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.53600	0.20200	0.20100	0.06870	0.00033	0.00019	0.00000	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.78200	0.26000	0.26000	0.10300	0.00049	0.00028	0.00001	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00680	0.00237	0.00237	0.00089	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05930	0.01760	0.01750	0.00752	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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50th Percentile Media Concentrations and Risks from Application of Fertilizer Products
Zinc (Adult)

Climate Region	Product	*soil conc (mg/kg)*	*fruit conc (mg/kg-DW)*	*above-ground vegetable conc (mg/kg-DW)*	*below-ground veg conc (mg/kg)*	*beef conc (mg/kg)*	*milk conc (mg/kg)*	*fish conc (mg/kg)*	Soil Ingestion	Fruit Ingestion	Vegetable Ingestion	Below-ground Vegetable Ingestion	Beef Ingestion	Milk Ingestion	Fish Ingestion	Direct Inhalation	All Indirect Pathways Combined[1]
Philadelphia, PA	**Boron**	0.00405	0.00135	0.00135	0.00054	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.64000	1.16000	1.15000	0.46400	0.00201	0.00113	0.00005	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.38000	3.15000	3.13000	0.88300	0.00569	0.00283	0.00008	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	31.00000	9.67000	9.65000	3.85000	0.01640	0.00963	0.00043	0.00007	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03100	0.00929	0.00927	0.00378	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.14000	0.37500	0.37400	0.14200	0.00064	0.00038	0.00002	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	NPK for P2O5	0.52300	0.19300	0.19300	0.06690	0.00031	0.00018	0.00001	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.73000	0.25500	0.25400	0.09830	0.00045	0.00027	0.00001	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00652	0.00229	0.00229	0.00086	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05680	0.01660	0.01660	0.00709	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phoenix, AZ	**Boron**	0.00431	0.00146	0.00146	0.00058	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.92000	1.24000	1.24000	0.49600	0.00214	0.00121	0.00001	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.77000	3.29000	3.29000	0.90800	0.00601	0.00311	0.00002	0.00001	0.00090	0.00070	0.00009	0.00002	0.00003	0.00000	NA	0.00174
	Micronutrients	33.80000	10.70000	10.70000	4.26000	0.01710	0.01050	0.00009	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03360	0.00980	0.00979	0.00414	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.24000	0.39700	0.39700	0.15300	0.00072	0.00041	0.00000	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.55000	0.20900	0.20900	0.07180	0.00033	0.00019	0.00000	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.78600	0.26600	0.26500	0.10400	0.00049	0.00029	0.00000	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00704	0.00246	0.00245	0.00094	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.06040	0.01820	0.01820	0.00745	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Portland, ME	**Boron**	0.00392	0.00129	0.00129	0.00052	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.45000	1.09000	1.09000	0.44300	0.00195	0.00111	0.00003	0.00001	0.00020	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00045
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.23000	3.04000	3.04000	0.83900	0.00539	0.00273	0.00005	0.00001	0.00080	0.00060	0.00007	0.00002	0.00003	0.00000	NA	0.00152
	Micronutrients	29.40000	9.45000	9.42000	3.70000	0.01580	0.00933	0.00027	0.00007	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.02940	0.00887	0.00885	0.00354	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.13000	0.34900	0.34900	0.13700	0.00062	0.00038	0.00001	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	NPK for P2O5	0.50000	0.17900	0.17900	0.06300	0.00030	0.00017	0.00000	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.70500	0.23900	0.23800	0.09460	0.00044	0.00026	0.00001	0.00000	0.00006	0.00004	0.00001	0.00000	0.00000	0.00000	NA	0.00011
	Potash	0.00620	0.00222	0.00221	0.00082	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05420	0.01600	0.01590	0.00680	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Zinc (Adult)

Climate Region	Product	*soil conc (mg/kg)*	*fruit conc (mg/kg-DW)*	*above-ground vegetable conc (mg/kg-DW)*	*below-ground veg conc (mg/kg)*	*beef conc (mg/kg)*	*milk conc (mg/kg)*	*fish conc (mg/kg)*	Soil Ingestion	Fruit Ingestion	Vegetable Ingestion	Below-ground Vegetable Ingestion	Beef Ingestion	Milk Ingestion	Fish Ingestion	Direct Inhalation	All Indirect Pathways Combined[1]
Raleigh-Durham, NC	Boron	0.00398	0.00134	0.00134	0.00054	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.59000	1.14000	1.14000	0.45600	0.00203	0.00114	0.00005	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.35000	3.10000	3.09000	0.85700	0.00577	0.00286	0.00008	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	30.70000	9.68000	9.66000	3.81000	0.01650	0.00961	0.00046	0.00007	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03080	0.00913	0.00909	0.00373	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.16000	0.36300	0.36200	0.14200	0.00066	0.00039	0.00002	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	NPK for P2O5	0.51200	0.18800	0.18700	0.06490	0.00032	0.00018	0.00001	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.73000	0.24800	0.24700	0.09700	0.00046	0.00027	0.00001	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00645	0.00228	0.00227	0.00085	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05580	0.01650	0.01640	0.00705	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Salem, OR	Boron	0.00405	0.00135	0.00135	0.00055	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.62000	1.14000	1.14000	0.45800	0.00203	0.00113	0.00001	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.37000	3.05000	3.04000	0.87000	0.00568	0.00281	0.00002	0.00001	0.00080	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00153
	Micronutrients	30.40000	9.76000	9.75000	3.77000	0.01630	0.00961	0.00012	0.00007	0.00200	0.00100	0.00020	0.00005	0.00010	0.00000	NA	0.00335
	Mn	0.03100	0.00907	0.00906	0.00377	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.16000	0.36400	0.36300	0.14100	0.00066	0.00039	0.00000	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	NPK for P2O5	0.51300	0.18700	0.18700	0.06590	0.00032	0.00018	0.00000	0.00000	0.00004	0.00003	0.00000	0.00000	0.00000	0.00000	NA	0.00008
	P2O5 - 1	0.73300	0.25500	0.25400	0.09900	0.00045	0.00027	0.00000	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00652	0.00227	0.00226	0.00085	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05530	0.01660	0.01650	0.00712	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Salt Lake City, UT	Boron	0.00437	0.00149	0.00149	0.00059	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.94000	1.27000	1.27000	0.49700	0.00219	0.00123	0.00001	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.75000	3.34000	3.33000	0.91000	0.00628	0.00324	0.00002	0.00001	0.00090	0.00070	0.00009	0.00002	0.00004	0.00000	NA	0.00175
	Micronutrients	34.10000	10.80000	10.80000	4.26000	0.01730	0.01060	0.00009	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03390	0.01000	0.00999	0.00429	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.24000	0.40900	0.40900	0.15600	0.00071	0.00042	0.00000	0.00000	0.00009	0.00006	0.00001	0.00000	0.00000	0.00000	NA	0.00016
	NPK for P2O5	0.55800	0.20800	0.20700	0.07300	0.00034	0.00020	0.00000	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.80900	0.27500	0.27400	0.10700	0.00050	0.00030	0.00000	0.00000	0.00007	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00013
	Potash	0.00713	0.00252	0.00251	0.00094	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.06050	0.01860	0.01860	0.00772	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

US EPA ARCHIVE DOCUMENT

50th Percentile Media Concentrations and Risks from Application of Fertilizer Products
Zinc (Adult)

Climate Region	Product	*soil conc (mg/kg)*	*fruit conc (mg/kg-DW)*	*above-ground vegetable conc (mg/kg-DW)*	*below-ground veg conc (mg/kg)*	*beef conc (mg/kg)*	*milk conc (mg/kg)*	*fish conc (mg/kg)*	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**	0.00421	0.00142	0.00142	0.00058	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.79000	1.22000	1.22000	0.48700	0.00209	0.00118	0.00001	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.64000	3.27000	3.27000	0.87400	0.00574	0.00297	0.00002	0.00001	0.00090	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00163
	Micronutrients	32.80000	10.50000	10.50000	4.10000	0.01680	0.01020	0.00011	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03230	0.00950	0.00949	0.00401	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.22000	0.38800	0.38800	0.15300	0.00069	0.00040	0.00000	0.00000	0.00008	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00015
	NPK for P2O5	0.53200	0.19700	0.19700	0.06950	0.00032	0.00019	0.00000	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.77600	0.25400	0.25300	0.10200	0.00048	0.00027	0.00000	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00677	0.00239	0.00239	0.00090	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05960	0.01740	0.01730	0.00740	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Winnemucca, NV	**Boron**	0.00431	0.00144	0.00144	0.00057	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	Gypsum Products	3.92000	1.24000	1.24000	0.49200	0.00211	0.00120	0.00000	0.00001	0.00030	0.00020	0.00003	0.00001	0.00001	0.00000	NA	0.00055
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	5.72000	3.24000	3.24000	0.90100	0.00603	0.00295	0.00000	0.00001	0.00090	0.00060	0.00008	0.00002	0.00003	0.00000	NA	0.00163
	Micronutrients	33.50000	10.70000	10.70000	4.15000	0.01700	0.01050	0.00003	0.00008	0.00200	0.00200	0.00020	0.00005	0.00010	0.00000	NA	0.00435
	Mn	0.03370	0.00991	0.00990	0.00409	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	NPK as N	1.22000	0.39000	0.39000	0.15400	0.00069	0.00041	0.00000	0.00000	0.00008	0.00006	0.00001	0.00000	0.00000	0.00000	NA	0.00016
	NPK for P2O5	0.54300	0.20200	0.20200	0.07080	0.00033	0.00019	0.00000	0.00000	0.00005	0.00003	0.00001	0.00000	0.00000	0.00000	NA	0.00009
	P2O5 - 1	0.78800	0.26400	0.26300	0.10600	0.00049	0.00028	0.00000	0.00000	0.00006	0.00005	0.00001	0.00000	0.00000	0.00000	NA	0.00012
	Potash	0.00686	0.00243	0.00243	0.00092	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00000
	S as Nutrient	0.05980	0.01810	0.01810	0.00747	0.00003	0.00002	0.00000	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	NA	NA	NA	NA	NA	NA	NA
	Zinc	NA	NA	NA	NA	NA	NA	NA	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.