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95th 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**	0.00625	0.00653	0.00653	0.00142	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	7.95000	6.76000	6.76000	1.57000	0.01870	0.00775	0.00005	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	972.0000	461.0000	461.0000	137.0000	1.08000	0.54000	0.00453	0.00200	0.20000	0.10000	0.01000	0.00400	0.00600	0.00000	NA	0.32000
	Micronutrients	84.30000	66.10000	66.00000	15.90000	0.19100	0.07990	0.00052	0.00020	0.03000	0.02000	0.00200	0.00071	0.00100	0.00000	NA	0.05371
	Mn	0.06980	0.06190	0.06180	0.01360	0.00019	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	41.30000	22.50000	22.40000	6.21000	0.04720	0.02110	0.00020	0.00010	0.00605	0.00500	0.00051	0.00020	0.00030	0.00000	NA	0.01206
	NPK for P2O5	11.50000	4.29000	4.28000	1.64000	0.01150	0.00573	0.00005	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.12000	3.73000	3.72000	1.03000	0.00808	0.00364	0.00003	0.00002	0.00100	0.00090	0.00009	0.00003	0.00005	0.00000	NA	0.00207
	Potash	0.02280	0.01630	0.01630	0.00422	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.10000	6.47000	6.46000	1.83000	0.01160	0.00602	0.00005	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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**	0.00652	0.00709	0.00708	0.00145	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.29000	7.28000	7.27000	1.64000	0.02000	0.00787	0.00002	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1020.0000	499.0000	499.0000	141.0000	1.12000	0.53700	0.00229	0.00200	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	89.20000	71.80000	71.80000	16.40000	0.21100	0.08460	0.00024	0.00020	0.03000	0.02000	0.00200	0.00071	0.00100	0.00000	NA	0.05371
	Mn	0.07500	0.06920	0.06920	0.01430	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	43.70000	23.30000	23.30000	6.52000	0.05010	0.02180	0.00011	0.00010	0.00705	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01315
	NPK for P2O5	12.50000	4.19000	4.19000	1.71000	0.01210	0.00607	0.00003	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.43000	3.90000	3.90000	1.20000	0.00826	0.00374	0.00002	0.00002	0.00100	0.00100	0.00010	0.00003	0.00006	0.00000	NA	0.00219
	Potash	0.02400	0.01760	0.01760	0.00441	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.60000	6.85000	6.85000	1.85000	0.01190	0.00627	0.00003	0.00003	0.00200	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00433
	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**	0.00600	0.00636	0.00636	0.00135	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	7.66000	6.58000	6.58000	1.50000	0.01760	0.00730	0.00003	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	939.00000	453.0000	452.0000	135.0000	1.04000	0.49400	0.00190	0.00200	0.20000	0.09050	0.01000	0.00400	0.00600	0.00000	NA	0.31050
	Micronutrients	81.50000	61.80000	61.80000	15.50000	0.18400	0.07270	0.00027	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.06890	0.06150	0.06150	0.01290	0.00019	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	40.30000	22.10000	21.90000	6.23000	0.04600	0.02020	0.00008	0.00010	0.00605	0.00500	0.00050	0.00020	0.00030	0.00000	NA	0.01205
	NPK for P2O5	11.00000	4.13000	4.13000	1.64000	0.01110	0.00574	0.00002	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	7.70000	3.46000	3.46000	0.99900	0.00778	0.00355	0.00001	0.00002	0.00100	0.00090	0.00009	0.00003	0.00005	0.00000	NA	0.00207
	Potash	0.02200	0.01610	0.01610	0.00409	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	10.80000	6.20000	6.18000	1.80000	0.01120	0.00594	0.00002	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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

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Bismarck, ND	**Boron**	0.00637	0.00687	0.00687	0.00143	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.06000	7.22000	7.21000	1.61000	0.01810	0.00769	0.00004	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1000.0000	493.0000	492.0000	138.0000	1.09000	0.52300	0.00402	0.00300	0.20000	0.10000	0.01000	0.00400	0.00600	0.00000	NA	0.32000
	Micronutrients	87.50000	66.60000	66.60000	16.50000	0.21000	0.08310	0.00039	0.00020	0.03000	0.02000	0.00200	0.00071	0.00100	0.00000	NA	0.05371
	Mn	0.07340	0.06670	0.06670	0.01400	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	44.30000	23.60000	23.60000	6.65000	0.04720	0.02060	0.00022	0.00010	0.00700	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01310
	NPK for P2O5	12.30000	4.45000	4.45000	1.67000	0.01150	0.00616	0.00005	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.15000	3.63000	3.63000	1.14000	0.00814	0.00368	0.00003	0.00002	0.00100	0.00100	0.00009	0.00003	0.00006	0.00000	NA	0.00218
	Potash	0.02380	0.01750	0.01750	0.00427	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.50000	7.00000	6.99000	1.88000	0.01140	0.00582	0.00005	0.00003	0.00200	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00433
	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**	0.00670	0.00710	0.00710	0.00148	0.00003	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.52000	7.56000	7.56000	1.68000	0.02000	0.00814	0.00003	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1040.0000	514.0000	513.0000	149.0000	1.13000	0.56000	0.00400	0.00300	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	92.30000	72.30000	72.20000	16.90000	0.21600	0.08820	0.00040	0.00020	0.03000	0.02000	0.00200	0.00080	0.00100	0.00000	NA	0.05380
	Mn	0.07740	0.07200	0.07190	0.01480	0.00021	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	45.60000	25.00000	24.80000	6.84000	0.05200	0.02150	0.00019	0.00010	0.00800	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01410
	NPK for P2O5	12.80000	4.54000	4.53000	1.82000	0.01220	0.00619	0.00004	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.84000	4.04000	4.04000	1.20000	0.00853	0.00385	0.00003	0.00002	0.00100	0.00100	0.00010	0.00003	0.00006	0.00000	NA	0.00219
	Potash	0.02450	0.01780	0.01770	0.00455	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	S as Nutrient	11.80000	7.08000	7.07000	1.92000	0.01160	0.00629	0.00005	0.00003	0.00205	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00438
	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**	0.00652	0.00696	0.00696	0.00146	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.34000	7.28000	7.27000	1.63000	0.01910	0.00778	0.00004	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1040.0000	499.0000	499.0000	147.0000	1.12000	0.53800	0.00443	0.00300	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	90.90000	70.30000	70.30000	16.40000	0.21500	0.08800	0.00043	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07570	0.07030	0.07030	0.01440	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	43.80000	23.90000	23.80000	6.61000	0.05070	0.02250	0.00019	0.00010	0.00700	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01310
	NPK for P2O5	12.60000	4.41000	4.40000	1.78000	0.01170	0.00617	0.00005	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.40000	3.99000	3.99000	1.17000	0.00840	0.00384	0.00003	0.00002	0.00100	0.00100	0.00010	0.00003	0.00006	0.00000	NA	0.00219
	Potash	0.02400	0.01770	0.01770	0.00435	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.60000	7.08000	7.08000	1.91000	0.01190	0.00628	0.00005	0.00003	0.00205	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00438
	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**	0.00639	0.00685	0.00685	0.00143	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.07000	7.06000	7.06000	1.62000	0.01910	0.00773	0.00004	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1020.0000	480.0000	480.0000	139.0000	1.07000	0.52500	0.00517	0.00300	0.20000	0.10000	0.01000	0.00400	0.00600	0.00000	NA	0.32000
	Micronutrients	88.00000	69.20000	69.20000	16.60000	0.20700	0.08480	0.00049	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07330	0.06850	0.06850	0.01390	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	44.30000	23.70000	23.70000	6.68000	0.04810	0.02070	0.00022	0.00010	0.00700	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01310
	NPK for P2O5	12.30000	4.37000	4.36000	1.76000	0.01190	0.00612	0.00006	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.34000	3.92000	3.92000	1.13000	0.00828	0.00370	0.00004	0.00002	0.00100	0.00100	0.00009	0.00003	0.00006	0.00000	NA	0.00218
	Potash	0.02390	0.01700	0.01700	0.00431	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.60000	6.88000	6.88000	1.85000	0.01150	0.00601	0.00006	0.00003	0.00200	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00433
	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**	0.00609	0.00638	0.00637	0.00136	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	7.82000	6.72000	6.72000	1.53000	0.01810	0.00746	0.00013	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	958.00000	448.0000	448.0000	134.0000	1.06000	0.50400	0.01410	0.00200	0.20000	0.10000	0.01000	0.00400	0.00600	0.00000	NA	0.32000
	Micronutrients	80.80000	62.00000	62.00000	15.70000	0.17800	0.07440	0.00145	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.06870	0.06160	0.06150	0.01330	0.00019	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	41.50000	22.80000	22.70000	6.25000	0.04480	0.02020	0.00068	0.00010	0.00605	0.00500	0.00050	0.00020	0.00030	0.00000	NA	0.01205
	NPK for P2O5	11.20000	4.22000	4.22000	1.62000	0.01110	0.00579	0.00019	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	7.76000	3.45000	3.45000	1.05000	0.00757	0.00354	0.00011	0.00002	0.00100	0.00090	0.00009	0.00003	0.00005	0.00000	NA	0.00207
	Potash	0.02310	0.01590	0.01590	0.00411	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	10.90000	6.24000	6.24000	1.80000	0.01120	0.00585	0.00018	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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**	0.00627	0.00674	0.00673	0.00143	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.02000	7.15000	7.14000	1.58000	0.01830	0.00772	0.00010	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1010.0000	478.0000	477.0000	143.0000	1.09000	0.53000	0.01180	0.00200	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	85.60000	65.80000	65.70000	16.10000	0.19500	0.08140	0.00114	0.00020	0.03000	0.02000	0.00200	0.00071	0.00100	0.00000	NA	0.05371
	Mn	0.07170	0.06520	0.06520	0.01390	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	42.80000	23.40000	23.30000	6.46000	0.04750	0.02120	0.00057	0.00010	0.00700	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01310
	NPK for P2O5	11.70000	4.46000	4.45000	1.64000	0.01170	0.00602	0.00013	0.00003	0.00100	0.00100	0.00010	0.00005	0.00006	0.00000	NA	0.00221
	P2O5 - 1	7.86000	3.67000	3.67000	1.09000	0.00821	0.00373	0.00009	0.00002	0.00100	0.00100	0.00009	0.00003	0.00006	0.00000	NA	0.00218
	Potash	0.02360	0.01680	0.01680	0.00426	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.50000	6.54000	6.53000	1.79000	0.01170	0.00617	0.00014	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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

95th 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**	0.00638	0.00659	0.00658	0.00143	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.21000	7.12000	7.11000	1.59000	0.01900	0.00777	0.00010	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1000.0000	475.0000	474.0000	142.0000	1.10000	0.54100	0.01130	0.00200	0.20000	0.10000	0.01000	0.00400	0.00605	0.00000	NA	0.32005
	Micronutrients	85.30000	66.80000	66.70000	16.50000	0.19900	0.08380	0.00103	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07250	0.06400	0.06390	0.01370	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	43.20000	24.30000	24.00000	6.52000	0.04870	0.02160	0.00050	0.00010	0.00605	0.00500	0.00051	0.00020	0.00030	0.00000	NA	0.01206
	NPK for P2O5	11.50000	4.31000	4.30000	1.66000	0.01170	0.00594	0.00014	0.00003	0.00100	0.00100	0.00010	0.00005	0.00006	0.00000	NA	0.00221
	P2O5 - 1	7.97000	3.78000	3.77000	1.10000	0.00818	0.00374	0.00009	0.00002	0.00100	0.00100	0.00010	0.00003	0.00005	0.00000	NA	0.00218
	Potash	0.02350	0.01730	0.01730	0.00423	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.40000	6.58000	6.57000	1.86000	0.01190	0.00634	0.00013	0.00003	0.00200	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00433
	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**	0.00652	0.00699	0.00699	0.00145	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.11000	7.45000	7.44000	1.64000	0.01920	0.00786	0.00003	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1010.0000	496.0000	496.0000	141.0000	1.13000	0.52200	0.00352	0.00300	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	89.70000	70.00000	70.00000	16.30000	0.21600	0.08650	0.00034	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07490	0.06910	0.06910	0.01430	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	43.70000	23.30000	23.30000	6.72000	0.05000	0.02100	0.00019	0.00010	0.00800	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01410
	NPK for P2O5	12.80000	4.31000	4.31000	1.71000	0.01170	0.00611	0.00004	0.00003	0.00100	0.00100	0.00010	0.00005	0.00006	0.00000	NA	0.00221
	P2O5 - 1	8.42000	3.93000	3.93000	1.20000	0.00819	0.00375	0.00003	0.00002	0.00100	0.00100	0.00010	0.00003	0.00006	0.00000	NA	0.00219
	Potash	0.02400	0.01750	0.01750	0.00440	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.50000	6.98000	6.98000	1.86000	0.01160	0.00611	0.00005	0.00003	0.00200	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00433
	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**	0.00657	0.00694	0.00694	0.00146	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.21000	7.36000	7.36000	1.63000	0.01870	0.00778	0.00011	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1040.0000	497.0000	497.0000	143.0000	1.13000	0.53500	0.01300	0.00300	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	89.20000	68.80000	68.80000	16.20000	0.21300	0.08580	0.00119	0.00020	0.03000	0.02000	0.00200	0.00071	0.00100	0.00000	NA	0.05371
	Mn	0.07430	0.06910	0.06910	0.01440	0.00021	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	43.30000	24.50000	24.40000	6.60000	0.04720	0.02130	0.00060	0.00010	0.00700	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01310
	NPK for P2O5	12.30000	4.51000	4.50000	1.79000	0.01160	0.00603	0.00016	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.21000	3.79000	3.78000	1.12000	0.00838	0.00378	0.00010	0.00002	0.00100	0.00100	0.00010	0.00003	0.00006	0.00000	NA	0.00219
	Potash	0.02410	0.01730	0.01730	0.00448	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.70000	7.00000	7.00000	1.89000	0.01170	0.00625	0.00016	0.00003	0.00200	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00433
	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

95th 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	0.00626	0.00662	0.00662	0.00141	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	7.95000	7.07000	7.07000	1.60000	0.01850	0.00742	0.00009	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	982.00000	461.0000	460.0000	141.0000	1.08000	0.52200	0.01150	0.00200	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	83.70000	66.50000	66.50000	16.50000	0.18600	0.08140	0.00104	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07150	0.06420	0.06410	0.01380	0.00019	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	42.60000	22.30000	22.20000	6.52000	0.04640	0.02080	0.00048	0.00010	0.00605	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01215
	NPK for P2O5	12.00000	4.33000	4.33000	1.68000	0.01170	0.00579	0.00015	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.20000	3.73000	3.73000	1.07000	0.00788	0.00367	0.00009	0.00002	0.00100	0.00100	0.00009	0.00003	0.00005	0.00000	NA	0.00217
	Potash	0.02340	0.01710	0.01710	0.00429	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.10000	6.52000	6.51000	1.87000	0.01190	0.00630	0.00013	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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	0.00613	0.00645	0.00645	0.00137	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	7.85000	6.97000	6.97000	1.53000	0.01760	0.00739	0.00010	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	964.00000	444.0000	444.0000	139.0000	1.08000	0.51100	0.01170	0.00200	0.20000	0.10000	0.01000	0.00400	0.00600	0.00000	NA	0.32000
	Micronutrients	83.20000	63.00000	63.00000	16.30000	0.18300	0.07670	0.00107	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07000	0.06240	0.06230	0.01330	0.00019	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	41.90000	23.70000	23.60000	6.34000	0.04650	0.02090	0.00053	0.00010	0.00605	0.00500	0.00050	0.00020	0.00030	0.00000	NA	0.01205
	NPK for P2O5	10.90000	4.16000	4.16000	1.63000	0.01130	0.00572	0.00014	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	7.87000	3.54000	3.54000	1.06000	0.00773	0.00354	0.00009	0.00002	0.00100	0.00091	0.00009	0.00003	0.00005	0.00000	NA	0.00208
	Potash	0.02260	0.01680	0.01680	0.00404	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.10000	6.37000	6.37000	1.80000	0.01130	0.00604	0.00013	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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	0.00613	0.00642	0.00641	0.00138	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	7.64000	6.83000	6.83000	1.52000	0.01840	0.00752	0.00025	0.00002	0.00300	0.00200	0.00020	0.00007	0.00010	0.00000	NA	0.00537
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	965.00000	457.0000	457.0000	132.0000	1.06000	0.49600	0.02860	0.00200	0.20000	0.10000	0.01000	0.00400	0.00600	0.00000	NA	0.32000
	Micronutrients	81.00000	64.30000	64.30000	15.70000	0.18400	0.07740	0.00273	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.06890	0.06270	0.06270	0.01320	0.00019	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	42.50000	23.50000	23.50000	6.24000	0.04580	0.02030	0.00147	0.00010	0.00605	0.00405	0.00051	0.00020	0.00030	0.00000	NA	0.01111
	NPK for P2O5	11.30000	4.14000	4.14000	1.63000	0.01130	0.00575	0.00036	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	7.71000	3.51000	3.51000	1.08000	0.00770	0.00351	0.00023	0.00002	0.00100	0.00090	0.00009	0.00003	0.00005	0.00000	NA	0.00207
	Potash	0.02220	0.01610	0.01610	0.00416	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.00000	6.43000	6.43000	1.74000	0.01140	0.00572	0.00034	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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

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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]
Huntington, WV	Boron	0.00640	0.00685	0.00684	0.00142	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.16000	7.00000	7.00000	1.60000	0.01820	0.00768	0.00009	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1000.0000	466.0000	466.0000	142.0000	1.09000	0.52900	0.01160	0.00200	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	84.80000	65.60000	65.60000	16.60000	0.18600	0.08100	0.00108	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07140	0.06470	0.06470	0.01380	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	42.90000	23.80000	23.70000	6.49000	0.04690	0.02030	0.00053	0.00010	0.00605	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01215
	NPK for P2O5	12.00000	4.34000	4.34000	1.64000	0.01150	0.00598	0.00014	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.27000	3.69000	3.69000	1.09000	0.00796	0.00368	0.00009	0.00002	0.00100	0.00090	0.00010	0.00003	0.00006	0.00000	NA	0.00209
	Potash	0.02420	0.01690	0.01690	0.00429	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.30000	6.51000	6.50000	1.87000	0.01190	0.00591	0.00014	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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	0.00647	0.00698	0.00698	0.00146	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.26000	7.37000	7.37000	1.60000	0.01930	0.00780	0.00002	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1030.0000	483.0000	483.0000	143.0000	1.09000	0.52900	0.00253	0.00300	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	90.50000	69.40000	69.30000	16.50000	0.21300	0.08590	0.00025	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07470	0.06890	0.06890	0.01400	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	43.70000	24.10000	24.10000	6.77000	0.04840	0.02140	0.00011	0.00010	0.00800	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01410
	NPK for P2O5	12.50000	4.34000	4.34000	1.78000	0.01200	0.00607	0.00003	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.51000	3.95000	3.95000	1.20000	0.00799	0.00373	0.00002	0.00002	0.00100	0.00100	0.00010	0.00003	0.00006	0.00000	NA	0.00219
	Potash	0.02440	0.01740	0.01740	0.00439	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.50000	6.96000	6.96000	1.91000	0.01190	0.00615	0.00003	0.00003	0.00200	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00433
	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	0.00639	0.00680	0.00679	0.00142	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.13000	7.30000	7.30000	1.62000	0.01870	0.00773	0.00003	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1020.0000	492.0000	492.0000	140.0000	1.11000	0.54400	0.00325	0.00205	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	88.10000	67.30000	67.30000	16.20000	0.21000	0.08480	0.00028	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07330	0.06760	0.06750	0.01410	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	43.10000	23.30000	23.30000	6.66000	0.05010	0.02150	0.00015	0.00010	0.00700	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01310
	NPK for P2O5	12.30000	4.37000	4.36000	1.74000	0.01170	0.00603	0.00003	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.35000	3.85000	3.85000	1.13000	0.00816	0.00371	0.00003	0.00002	0.00100	0.00100	0.00009	0.00003	0.00006	0.00000	NA	0.00218
	Potash	0.02390	0.01700	0.01700	0.00429	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.50000	6.81000	6.81000	1.85000	0.01140	0.00618	0.00004	0.00003	0.00200	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00433
	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

95th 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**	0.00609	0.00641	0.00641	0.00136	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	7.80000	6.85000	6.85000	1.51000	0.01840	0.00746	0.00020	0.00002	0.00300	0.00200	0.00020	0.00007	0.00010	0.00000	NA	0.00537
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	943.00000	451.0000	450.0000	130.0000	1.07000	0.51600	0.02320	0.00200	0.20000	0.10000	0.01000	0.00400	0.00600	0.00000	NA	0.32000
	Micronutrients	82.10000	61.90000	61.90000	15.50000	0.18000	0.07570	0.00209	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.06870	0.06210	0.06200	0.01310	0.00018	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	40.40000	22.50000	22.50000	6.11000	0.04370	0.01990	0.00104	0.00010	0.00605	0.00405	0.00051	0.00020	0.00030	0.00000	NA	0.01111
	NPK for P2O5	10.90000	4.22000	4.19000	1.63000	0.01140	0.00563	0.00030	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	7.55000	3.51000	3.51000	1.03000	0.00764	0.00350	0.00019	0.00002	0.00100	0.00090	0.00009	0.00003	0.00005	0.00000	NA	0.00207
	Potash	0.02240	0.01600	0.01600	0.00408	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	10.70000	6.09000	6.07000	1.82000	0.01170	0.00581	0.00027	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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**	0.00595	0.00609	0.00609	0.00133	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	7.31000	5.81000	5.81000	1.43000	0.01610	0.00678	0.00010	0.00002	0.00300	0.00200	0.00020	0.00007	0.00010	0.00000	NA	0.00537
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	888.00000	429.0000	428.0000	131.0000	1.00000	0.43900	0.00984	0.00200	0.20000	0.09000	0.01000	0.00305	0.00500	0.00000	NA	0.30805
	Micronutrients	76.00000	59.60000	59.60000	14.80000	0.16400	0.06680	0.00109	0.00020	0.03000	0.02000	0.00200	0.00060	0.00100	0.00000	NA	0.05360
	Mn	0.06660	0.05730	0.05730	0.01270	0.00017	0.00007	0.00000	0.00000	0.00002	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00004
	NPK as N	40.40000	18.70000	18.70000	5.97000	0.03800	0.01840	0.00050	0.00010	0.00505	0.00300	0.00050	0.00010	0.00030	0.00000	NA	0.00895
	NPK for P2O5	10.40000	3.53000	3.53000	1.49000	0.00993	0.00540	0.00013	0.00003	0.00100	0.00090	0.00010	0.00004	0.00006	0.00000	NA	0.00210
	P2O5 - 1	6.47000	3.29000	3.28000	0.90100	0.00720	0.00312	0.00007	0.00002	0.00100	0.00081	0.00008	0.00002	0.00005	0.00000	NA	0.00196
	Potash	0.01970	0.01550	0.01550	0.00386	0.00004	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	10.40000	5.53000	5.53000	1.59000	0.01030	0.00496	0.00014	0.00002	0.00200	0.00100	0.00010	0.00004	0.00007	0.00000	NA	0.00321
	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**	0.00636	0.00669	0.00669	0.00144	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.17000	7.31000	7.31000	1.59000	0.01910	0.00770	0.00009	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1020.0000	495.0000	495.0000	145.0000	1.12000	0.53300	0.00965	0.00200	0.20000	0.10000	0.01000	0.00400	0.00605	0.00000	NA	0.32005
	Micronutrients	86.90000	68.50000	68.50000	16.60000	0.20800	0.08600	0.00093	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07330	0.06690	0.06690	0.01420	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	43.80000	22.90000	22.70000	6.53000	0.05020	0.02070	0.00046	0.00010	0.00700	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01310
	NPK for P2O5	12.10000	4.38000	4.37000	1.73000	0.01190	0.00604	0.00011	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.52000	3.75000	3.74000	1.08000	0.00816	0.00368	0.00008	0.00002	0.00100	0.00100	0.00009	0.00003	0.00006	0.00000	NA	0.00218
	Potash	0.02400	0.01750	0.01740	0.00440	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.40000	6.78000	6.78000	1.82000	0.01180	0.00599	0.00011	0.00003	0.00200	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00433
	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

95th 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**	0.00619	0.00666	0.00666	0.00141	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.01000	6.84000	6.83000	1.53000	0.01840	0.00775	0.00011	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	958.00000	459.0000	459.0000	136.0000	1.06000	0.51300	0.01340	0.00200	0.20000	0.10000	0.01000	0.00400	0.00600	0.00000	NA	0.32000
	Micronutrients	82.80000	64.60000	64.50000	15.70000	0.18400	0.07730	0.00133	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07070	0.06320	0.06320	0.01350	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	41.30000	22.20000	22.10000	6.48000	0.04520	0.02020	0.00061	0.00010	0.00605	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01215
	NPK for P2O5	11.60000	4.34000	4.34000	1.65000	0.01120	0.00595	0.00018	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	7.89000	3.55000	3.55000	1.09000	0.00785	0.00360	0.00012	0.00002	0.00100	0.00090	0.00009	0.00003	0.00005	0.00000	NA	0.00207
	Potash	0.02320	0.01610	0.01610	0.00419	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.10000	6.29000	6.29000	1.87000	0.01120	0.00588	0.00017	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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**	0.00653	0.00709	0.00709	0.00147	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.18000	7.28000	7.28000	1.64000	0.01920	0.00787	0.00003	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1010.0000	496.0000	496.0000	143.0000	1.12000	0.53000	0.00350	0.00205	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	89.70000	69.50000	69.50000	16.50000	0.20800	0.08450	0.00034	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07510	0.07080	0.07080	0.01440	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	43.60000	24.10000	24.10000	6.84000	0.05110	0.02160	0.00015	0.00010	0.00700	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01310
	NPK for P2O5	12.40000	4.25000	4.24000	1.71000	0.01180	0.00620	0.00004	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.67000	4.04000	4.04000	1.18000	0.00826	0.00372	0.00002	0.00002	0.00100	0.00100	0.00010	0.00003	0.00006	0.00000	NA	0.00219
	Potash	0.02330	0.01800	0.01800	0.00433	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.60000	6.83000	6.83000	1.86000	0.01190	0.00634	0.00004	0.00003	0.00200	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00433
	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**	0.00598	0.00639	0.00639	0.00133	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	7.67000	6.61000	6.61000	1.50000	0.01750	0.00717	0.00008	0.00002	0.00300	0.00200	0.00020	0.00007	0.00010	0.00000	NA	0.00537
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	928.00000	449.0000	449.0000	132.0000	1.03000	0.49200	0.00862	0.00200	0.20000	0.09050	0.01000	0.00400	0.00600	0.00000	NA	0.31050
	Micronutrients	81.40000	60.70000	60.70000	15.40000	0.17000	0.07110	0.00086	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.06740	0.06080	0.06070	0.01300	0.00018	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	41.60000	22.00000	21.80000	6.05000	0.04370	0.01920	0.00043	0.00010	0.00605	0.00400	0.00050	0.00020	0.00030	0.00000	NA	0.01105
	NPK for P2O5	10.70000	3.90000	3.90000	1.56000	0.01110	0.00570	0.00011	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	7.31000	3.39000	3.39000	1.07000	0.00757	0.00340	0.00008	0.00002	0.00100	0.00090	0.00009	0.00003	0.00005	0.00000	NA	0.00207
	Potash	0.02280	0.01620	0.01620	0.00410	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	10.70000	6.24000	6.24000	1.82000	0.01140	0.00607	0.00010	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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

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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	0.00618	0.00641	0.00640	0.00137	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	7.84000	6.64000	6.63000	1.52000	0.01790	0.00760	0.00013	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	967.00000	456.0000	455.0000	136.0000	1.05000	0.51600	0.01430	0.00200	0.20000	0.10000	0.01000	0.00400	0.00600	0.00000	NA	0.32000
	Micronutrients	82.10000	63.20000	63.10000	15.70000	0.18200	0.07780	0.00139	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.06920	0.06080	0.06070	0.01360	0.00019	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	42.00000	22.50000	22.30000	6.37000	0.04530	0.02030	0.00067	0.00010	0.00605	0.00500	0.00050	0.00020	0.00030	0.00000	NA	0.01205
	NPK for P2O5	11.60000	4.18000	4.18000	1.63000	0.01130	0.00585	0.00018	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	7.74000	3.58000	3.57000	1.06000	0.00779	0.00351	0.00012	0.00002	0.00100	0.00090	0.00009	0.00003	0.00006	0.00000	NA	0.00208
	Potash	0.02330	0.01650	0.01650	0.00412	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	10.90000	6.35000	6.33000	1.82000	0.01140	0.00612	0.00017	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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	0.00622	0.00649	0.00649	0.00138	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	7.92000	7.01000	7.01000	1.56000	0.01760	0.00745	0.00004	0.00002	0.00300	0.00200	0.00020	0.00007	0.00010	0.00000	NA	0.00537
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	965.00000	467.0000	467.0000	138.0000	1.07000	0.51200	0.00394	0.00200	0.20000	0.10000	0.01000	0.00400	0.00600	0.00000	NA	0.32000
	Micronutrients	83.90000	65.40000	65.40000	16.30000	0.18600	0.07780	0.00049	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07030	0.06310	0.06310	0.01340	0.00019	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	41.40000	22.90000	22.90000	6.31000	0.04600	0.02080	0.00020	0.00010	0.00605	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01215
	NPK for P2O5	12.00000	4.21000	4.21000	1.61000	0.01140	0.00578	0.00005	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	7.93000	3.61000	3.60000	1.06000	0.00780	0.00358	0.00003	0.00002	0.00100	0.00090	0.00009	0.00003	0.00005	0.00000	NA	0.00207
	Potash	0.02270	0.01660	0.01660	0.00415	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.10000	6.30000	6.30000	1.81000	0.01150	0.00594	0.00005	0.00003	0.00200	0.00200	0.00020	0.00004	0.00008	0.00000	NA	0.00432
	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	0.00665	0.00734	0.00734	0.00149	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.36000	7.41000	7.40000	1.67000	0.02000	0.00808	0.00003	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1050.0000	517.0000	517.0000	147.0000	1.14000	0.55200	0.00292	0.00300	0.20000	0.10000	0.01000	0.00400	0.00605	0.00000	NA	0.32005
	Micronutrients	92.30000	71.80000	71.80000	16.80000	0.21600	0.08610	0.00029	0.00020	0.03000	0.02000	0.00200	0.00080	0.00100	0.00000	NA	0.05380
	Mn	0.07660	0.07100	0.07090	0.01480	0.00021	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	44.30000	23.40000	23.30000	6.97000	0.05220	0.02180	0.00013	0.00010	0.00800	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01410
	NPK for P2O5	12.70000	4.43000	4.41000	1.69000	0.01230	0.00618	0.00003	0.00003	0.00100	0.00100	0.00010	0.00005	0.00006	0.00000	NA	0.00221
	P2O5 - 1	8.71000	4.04000	4.04000	1.21000	0.00852	0.00389	0.00002	0.00002	0.00100	0.00100	0.00010	0.00003	0.00006	0.00000	NA	0.00219
	Potash	0.02410	0.01760	0.01760	0.00445	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	S as Nutrient	11.70000	7.08000	7.08000	1.92000	0.01240	0.00596	0.00004	0.00003	0.00205	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00438
	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

95th 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**	0.00645	0.00687	0.00687	0.00144	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.15000	7.09000	7.09000	1.58000	0.01920	0.00783	0.00003	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1040.0000	494.0000	493.0000	140.0000	1.09000	0.52500	0.00361	0.00200	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	86.50000	68.20000	68.10000	15.90000	0.20700	0.08550	0.00034	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07410	0.06590	0.06590	0.01400	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	44.10000	23.80000	23.80000	6.69000	0.04920	0.02170	0.00015	0.00010	0.00700	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01310
	NPK for P2O5	12.40000	4.39000	4.38000	1.68000	0.01130	0.00604	0.00004	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.34000	3.63000	3.63000	1.13000	0.00822	0.00371	0.00003	0.00002	0.00100	0.00100	0.00009	0.00003	0.00006	0.00000	NA	0.00218
	Potash	0.02310	0.01730	0.01730	0.00434	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.50000	6.79000	6.78000	1.85000	0.01160	0.00589	0.00004	0.00003	0.00200	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00433
	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**	0.00652	0.00695	0.00695	0.00145	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	8.23000	7.23000	7.23000	1.62000	0.01840	0.00771	0.00001	0.00002	0.00300	0.00200	0.00020	0.00008	0.00010	0.00000	NA	0.00538
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1040.0000	479.0000	479.0000	140.0000	1.12000	0.52600	0.00085	0.00200	0.20000	0.10000	0.01000	0.00400	0.00700	0.00000	NA	0.32100
	Micronutrients	88.90000	70.80000	70.80000	16.00000	0.21300	0.08640	0.00009	0.00020	0.03000	0.02000	0.00200	0.00070	0.00100	0.00000	NA	0.05370
	Mn	0.07480	0.07040	0.07040	0.01430	0.00020	0.00008	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	NPK as N	43.90000	23.90000	23.90000	6.77000	0.04980	0.02200	0.00004	0.00010	0.00705	0.00500	0.00060	0.00020	0.00030	0.00000	NA	0.01315
	NPK for P2O5	12.70000	4.20000	4.20000	1.75000	0.01210	0.00613	0.00001	0.00003	0.00100	0.00100	0.00010	0.00004	0.00006	0.00000	NA	0.00220
	P2O5 - 1	8.42000	3.92000	3.92000	1.21000	0.00828	0.00374	0.00001	0.00002	0.00100	0.00100	0.00010	0.00003	0.00006	0.00000	NA	0.00219
	Potash	0.02400	0.01740	0.01740	0.00437	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	S as Nutrient	11.50000	6.90000	6.90000	1.92000	0.01190	0.00628	0.00001	0.00003	0.00205	0.00200	0.00020	0.00005	0.00008	0.00000	NA	0.00438
	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.