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99th 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**	0.00699	0.01150	0.01150	0.00185	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.46000	12.40000	12.40000	2.21000	0.05170	0.02000	0.00008	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1380.00	1120.000	1120.000	336.0000	4.49000	1.78000	0.00829	0.00400	0.40000	0.30100	0.05000	0.02010	0.03000	0.00000	NA	0.80110
	Micronutrients	107.0000	160.0000	159.0000	23.70000	0.45100	0.17700	0.00108	0.00030	0.09000	0.05000	0.00500	0.00200	0.00301	0.00000	NA	0.15001
	Mn	0.08970	0.11300	0.11300	0.01930	0.00057	0.00022	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	262.0000	117.0000	116.0000	47.00000	0.39300	0.15800	0.00125	0.00060	0.04010	0.03010	0.00400	0.00100	0.00200	0.00000	NA	0.07720
	NPK for P2O5	22.10000	11.40000	11.40000	4.35000	0.04320	0.01780	0.00012	0.00006	0.00501	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00901
	P2O5 - 1	15.70000	12.80000	12.70000	2.51000	0.02420	0.01040	0.00009	0.00004	0.00603	0.00301	0.00030	0.00010	0.00010	0.00000	NA	0.00954
	Potash	0.13300	0.05790	0.05770	0.01650	0.00024	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.40000	15.80000	15.80000	3.36000	0.03150	0.01340	0.00010	0.00004	0.00900	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01700
	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**	0.00714	0.01220	0.01220	0.00202	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.74000	13.10000	13.10000	2.33000	0.05430	0.02110	0.00003	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1400.000	1150.000	1150.000	343.0000	4.54000	1.78000	0.00362	0.00400	0.40000	0.40000	0.06000	0.03000	0.03000	0.00000	NA	0.92000
	Micronutrients	110.0000	152.0000	152.0000	24.40000	0.45700	0.17900	0.00036	0.00030	0.10000	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.16100
	Mn	0.09200	0.12100	0.12100	0.02010	0.00060	0.00023	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	269.0000	134.0000	134.0000	48.00000	0.37400	0.15100	0.00077	0.00070	0.04010	0.03010	0.00400	0.00101	0.00200	0.00000	NA	0.07721
	NPK for P2O5	27.10000	13.20000	13.20000	4.78000	0.04560	0.01920	0.00007	0.00006	0.00600	0.00301	0.00050	0.00020	0.00030	0.00000	NA	0.01001
	P2O5 - 1	15.90000	14.20000	14.20000	2.71000	0.02530	0.01040	0.00004	0.00004	0.00801	0.00400	0.00030	0.00009	0.00020	0.00000	NA	0.01260
	Potash	0.13800	0.06070	0.06070	0.01600	0.00025	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.60000	16.60000	16.60000	3.47000	0.03250	0.01330	0.00004	0.00004	0.00900	0.00701	0.00050	0.00020	0.00030	0.00000	NA	0.01701
	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**	0.00675	0.01130	0.01130	0.00176	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	9.10000	12.20000	12.20000	2.04000	0.05210	0.02030	0.00005	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1320.000	1050.000	1050.000	311.0000	4.20000	1.65000	0.00445	0.00400	0.40000	0.40000	0.05000	0.02000	0.03000	0.00000	NA	0.90000
	Micronutrients	104.0000	146.0000	146.0000	22.60000	0.43600	0.17200	0.00064	0.00030	0.09000	0.05000	0.00401	0.00200	0.00300	0.00000	NA	0.14901
	Mn	0.08590	0.10700	0.10700	0.01840	0.00055	0.00021	0.00000	0.00000	0.00006	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00012
	NPK as N	256.0000	118.0000	118.0000	44.20000	0.36000	0.14500	0.00048	0.00050	0.04010	0.03000	0.00400	0.00100	0.00200	0.00000	NA	0.07710
	NPK for P2O5	24.40000	11.10000	11.10000	4.27000	0.03810	0.01790	0.00007	0.00006	0.00500	0.00300	0.00050	0.00020	0.00020	0.00000	NA	0.00890
	P2O5 - 1	15.00000	12.10000	12.00000	2.52000	0.02360	0.01050	0.00004	0.00004	0.00602	0.00301	0.00030	0.00009	0.00010	0.00000	NA	0.00952
	Potash	0.12500	0.05470	0.05460	0.01550	0.00023	0.00010	0.00000	0.00000	0.00002	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00004
	S as Nutrient	14.80000	15.60000	15.60000	3.19000	0.03110	0.01310	0.00006	0.00004	0.00801	0.00601	0.00050	0.00020	0.00030	0.00000	NA	0.01502
	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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Bismarck, ND	**Boron**	0.00723	0.01190	0.01190	0.00190	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.51000	12.50000	12.50000	2.28000	0.05730	0.02210	0.00005	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1400.000	1200.000	1200.000	341.0000	4.71000	1.85000	0.00654	0.00400	0.40100	0.40000	0.05000	0.03000	0.03000	0.00000	NA	0.91100
	Micronutrients	111.0000	146.0000	146.0000	24.80000	0.47200	0.18500	0.00051	0.00030	0.09000	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.15100
	Mn	0.09080	0.11600	0.11600	0.02030	0.00062	0.00024	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	266.0000	132.0000	132.0000	45.80000	0.38000	0.15300	0.00109	0.00060	0.04010	0.03010	0.00401	0.00100	0.00200	0.00000	NA	0.07721
	NPK for P2O5	27.00000	12.70000	12.70000	4.99000	0.04470	0.01810	0.00012	0.00006	0.00600	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.01000
	P2O5 - 1	15.80000	12.80000	12.80000	2.58000	0.02370	0.01110	0.00008	0.00004	0.00602	0.00301	0.00030	0.00010	0.00020	0.00000	NA	0.00963
	Potash	0.13600	0.06200	0.06200	0.01640	0.00024	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.80000	16.50000	16.50000	3.45000	0.03240	0.01460	0.00007	0.00004	0.00900	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01700
	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**	0.00734	0.01260	0.01260	0.00209	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	10.00000	12.70000	12.70000	2.41000	0.05830	0.02250	0.00005	0.00003	0.00901	0.00500	0.00050	0.00040	0.00060	0.00000	NA	0.01551
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1390.000	1270.000	1270.000	337.0000	4.87000	1.95000	0.00631	0.00400	0.40100	0.40000	0.06000	0.03000	0.03000	0.00000	NA	0.92100
	Micronutrients	113.0000	159.0000	159.0000	26.20000	0.48000	0.18800	0.00055	0.00030	0.10000	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.16100
	Mn	0.09370	0.12100	0.12100	0.02150	0.00063	0.00024	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	283.0000	144.0000	143.0000	53.10000	0.40300	0.16200	0.00127	0.00070	0.05000	0.04000	0.00401	0.00200	0.00200	0.00000	NA	0.09801
	NPK for P2O5	29.00000	13.30000	13.20000	5.15000	0.04730	0.01990	0.00012	0.00006	0.00600	0.00301	0.00050	0.00020	0.00030	0.00000	NA	0.01001
	P2O5 - 1	16.30000	14.20000	14.20000	2.81000	0.02620	0.01140	0.00007	0.00004	0.00801	0.00400	0.00030	0.00010	0.00020	0.00000	NA	0.01261
	Potash	0.13800	0.06280	0.06280	0.01710	0.00025	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	16.20000	16.50000	16.50000	3.47000	0.03490	0.01450	0.00008	0.00004	0.00900	0.00701	0.00050	0.00020	0.00030	0.00000	NA	0.01701
	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**	0.00721	0.01230	0.01230	0.00197	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.92000	13.10000	13.10000	2.35000	0.05610	0.02180	0.00005	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1420.000	1230.000	1230.000	325.000	4.64000	1.83000	0.00696	0.00400	0.40100	0.40000	0.06000	0.03000	0.03000	0.00000	NA	0.92100
	Micronutrients	112.0000	156.0000	156.0000	24.90000	0.47900	0.18900	0.00074	0.00030	0.09000	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.15100
	Mn	0.09420	0.12200	0.12200	0.02070	0.00060	0.00023	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	281.0000	143.0000	143.0000	49.40000	0.38800	0.15600	0.00126	0.00070	0.05010	0.04000	0.00401	0.00101	0.00200	0.00000	NA	0.09712
	NPK for P2O5	28.80000	12.80000	12.80000	4.91000	0.04710	0.01910	0.00011	0.00006	0.00600	0.00301	0.00050	0.00020	0.00030	0.00000	NA	0.01001
	P2O5 - 1	16.20000	12.60000	12.60000	2.79000	0.02490	0.01090	0.00007	0.00004	0.00602	0.00400	0.00030	0.00010	0.00010	0.00000	NA	0.01052
	Potash	0.14700	0.05850	0.05850	0.01640	0.00024	0.00011	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.80000	16.10000	16.10000	3.46000	0.03320	0.01400	0.00008	0.00004	0.00900	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01700
	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**	0.00709	0.01210	0.01210	0.00194	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.71000	12.60000	12.60000	2.30000	0.05520	0.02140	0.00006	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1360.000	1240.000	1240.000	334.0000	4.38000	1.75000	0.00751	0.00400	0.40100	0.40000	0.05000	0.02010	0.03000	0.00000	NA	0.90110
	Micronutrients	110.0000	149.0000	149.0000	24.70000	0.47400	0.18600	0.00068	0.00030	0.10000	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.16100
	Mn	0.09020	0.12000	0.12000	0.02020	0.00062	0.00024	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	268.0000	138.0000	137.0000	46.30000	0.37000	0.14900	0.00135	0.00070	0.05000	0.03010	0.00401	0.00100	0.00200	0.00000	NA	0.08711
	NPK for P2O5	27.40000	12.60000	12.60000	5.04000	0.04360	0.01870	0.00015	0.00006	0.00600	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.01000
	P2O5 - 1	15.90000	12.00000	12.00000	2.66000	0.02370	0.01080	0.00008	0.00004	0.00603	0.00400	0.00030	0.00010	0.00020	0.00000	NA	0.01063
	Potash	0.13000	0.06020	0.06020	0.01680	0.00024	0.00009	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.50000	16.60000	16.60000	3.46000	0.03290	0.01380	0.00009	0.00004	0.00900	0.00800	0.00050	0.00020	0.00030	0.00000	NA	0.01800
	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**	0.00676	0.01140	0.01140	0.00177	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.13000	12.40000	12.40000	2.07000	0.05060	0.01970	0.00018	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1330.000	1060.000	1060.000	321.0000	4.28000	1.72000	0.02300	0.00400	0.40000	0.40000	0.05000	0.02000	0.03000	0.00000	NA	0.90000
	Micronutrients	105.0000	147.0000	146.0000	23.40000	0.45300	0.17500	0.00186	0.00030	0.09000	0.05000	0.00400	0.00200	0.00300	0.00000	NA	0.14900
	Mn	0.08790	0.10900	0.10900	0.01880	0.00057	0.00022	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	252.0000	118.0000	118.0000	44.50000	0.35900	0.14500	0.00448	0.00050	0.04000	0.03000	0.00400	0.00100	0.00200	0.00000	NA	0.07700
	NPK for P2O5	24.60000	10.90000	10.90000	4.28000	0.04240	0.01800	0.00040	0.00006	0.00500	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00900
	P2O5 - 1	15.10000	12.10000	12.00000	2.45000	0.02350	0.01060	0.00027	0.00004	0.00603	0.00301	0.00030	0.00010	0.00010	0.00000	NA	0.00954
	Potash	0.12700	0.05530	0.05520	0.01640	0.00024	0.00009	0.00000	0.00000	0.00002	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00004
	S as Nutrient	14.80000	15.70000	15.60000	3.24000	0.03160	0.01330	0.00026	0.00004	0.00800	0.00601	0.00050	0.00020	0.00030	0.00000	NA	0.01501
	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**	0.00705	0.01200	0.01200	0.00186	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.52000	12.80000	12.80000	2.15000	0.05500	0.02140	0.00014	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1430.000	1100.000	1100.000	331.0000	4.54000	1.91000	0.01920	0.00400	0.40100	0.40000	0.05010	0.02010	0.03000	0.00000	NA	0.90120
	Micronutrients	110.000	161.0000	161.0000	24.30000	0.44800	0.18000	0.00147	0.00030	0.09000	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.15100
	Mn	0.08960	0.11100	0.11100	0.01990	0.00058	0.00023	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	274.0000	126.0000	126.0000	47.50000	0.38000	0.15300	0.00319	0.00060	0.04010	0.04000	0.00400	0.00100	0.00200	0.00000	NA	0.08710
	NPK for P2O5	25.80000	12.10000	12.10000	4.67000	0.04520	0.01910	0.00032	0.00006	0.00501	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00901
	P2O5 - 1	15.60000	12.90000	12.90000	2.68000	0.02490	0.01030	0.00021	0.00004	0.00602	0.00301	0.00030	0.00010	0.00020	0.00000	NA	0.00963
	Potash	0.13800	0.06080	0.06060	0.01670	0.00025	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.50000	15.80000	15.80000	3.39000	0.03260	0.01350	0.00020	0.00004	0.00801	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01601
	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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99th 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**	0.00716	0.01240	0.01240	0.00186	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.78000	12.40000	12.40000	2.25000	0.05380	0.02080	0.00013	0.00003	0.00901	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01531
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1430.000	1110.000	1110.000	337.0000	4.65000	1.91000	0.01610	0.00400	0.40000	0.40000	0.05000	0.02010	0.03000	0.00000	NA	0.90010
	Micronutrients	110.0000	152.0000	152.0000	24.50000	0.46300	0.18400	0.00151	0.00030	0.09010	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.15110
	Mn	0.08960	0.11300	0.11300	0.01930	0.00059	0.00023	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	281.0000	124.0000	123.0000	47.10000	0.39500	0.15900	0.00268	0.00060	0.04010	0.04000	0.00400	0.00100	0.00200	0.00000	NA	0.08710
	NPK for P2O5	26.40000	11.90000	11.90000	4.41000	0.04380	0.01900	0.00032	0.00006	0.00600	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.01000
	P2O5 - 1	16.20000	12.80000	12.80000	2.52000	0.02570	0.01080	0.00018	0.00004	0.00602	0.00400	0.00030	0.00010	0.00020	0.00000	NA	0.01062
	Potash	0.13800	0.05700	0.05690	0.01660	0.00025	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.50000	16.90000	16.90000	3.37000	0.03270	0.01340	0.00020	0.00004	0.00900	0.00602	0.00050	0.00020	0.00030	0.00000	NA	0.01602
	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**	0.00709	0.01220	0.01220	0.00206	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.79000	12.70000	12.70000	2.30000	0.05640	0.02180	0.00004	0.00003	0.00900	0.00500	0.00050	0.00040	0.00050	0.00000	NA	0.01540
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1420.000	1220.000	1220.000	345.0000	4.54000	1.90000	0.00559	0.00400	0.50000	0.40000	0.06000	0.03000	0.03000	0.00000	NA	1.02000
	Micronutrients	110.0000	159.0000	159.0000	25.00000	0.46400	0.18800	0.00051	0.00030	0.09010	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.15110
	Mn	0.09290	0.12100	0.12100	0.02040	0.00061	0.00023	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	281.0000	134.0000	134.0000	49.50000	0.37500	0.15100	0.00102	0.00070	0.04010	0.03010	0.00400	0.00101	0.00200	0.00000	NA	0.07721
	NPK for P2O5	27.10000	12.80000	12.80000	5.01000	0.04560	0.01950	0.00010	0.00006	0.00600	0.00301	0.00050	0.00020	0.00030	0.00000	NA	0.01001
	P2O5 - 1	15.90000	14.20000	14.20000	2.71000	0.02530	0.01090	0.00006	0.00004	0.00801	0.00400	0.00030	0.00009	0.00020	0.00000	NA	0.01260
	Potash	0.13800	0.06070	0.06070	0.01600	0.00023	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.50000	16.30000	16.30000	3.36000	0.03390	0.01420	0.00006	0.00004	0.00900	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01700
	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**	0.00723	0.01250	0.01250	0.00200	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.90000	13.00000	13.00000	2.29000	0.05650	0.02190	0.00014	0.00003	0.00900	0.00500	0.00050	0.00040	0.00050	0.00000	NA	0.01540
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1390.000	1200.000	1200.000	342.0000	4.57000	1.85000	0.01880	0.00400	0.50000	0.40000	0.05010	0.03000	0.03000	0.00000	NA	1.01010
	Micronutrients	111.0000	158.0000	158.0000	25.60000	0.47200	0.19000	0.00162	0.00030	0.10000	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.16100
	Mn	0.09230	0.11700	0.11700	0.02030	0.00062	0.00024	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	276.0000	133.0000	133.0000	48.20000	0.38100	0.15300	0.00340	0.00060	0.05000	0.03010	0.00401	0.00100	0.00200	0.00000	NA	0.08711
	NPK for P2O5	25.40000	12.60000	12.60000	4.79000	0.04470	0.01920	0.00035	0.00006	0.00501	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00901
	P2O5 - 1	16.40000	13.30000	13.30000	2.76000	0.02470	0.01150	0.00021	0.00004	0.00603	0.00400	0.00030	0.00010	0.00020	0.00000	NA	0.01063
	Potash	0.14100	0.06210	0.06210	0.01700	0.00025	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.90000	16.50000	16.50000	3.34000	0.03330	0.01370	0.00022	0.00004	0.00900	0.00701	0.00050	0.00020	0.00030	0.00000	NA	0.01701
	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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99th 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	0.00702	0.01150	0.01150	0.00180	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.63000	13.20000	13.20000	2.13000	0.05300	0.02050	0.00013	0.00003	0.00901	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01531
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1390.000	1110.000	1110.000	323.0000	4.59000	1.86000	0.01670	0.00400	0.40000	0.30100	0.05000	0.02000	0.03000	0.00000	NA	0.80100
	Micronutrients	110.0000	149.0000	149.0000	24.00000	0.45200	0.18200	0.00145	0.00030	0.09000	0.05000	0.00500	0.00200	0.00301	0.00000	NA	0.15001
	Mn	0.08920	0.11300	0.11300	0.01970	0.00058	0.00022	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	267.0000	124.0000	123.0000	46.80000	0.36100	0.14500	0.00341	0.00060	0.05000	0.03000	0.00401	0.00100	0.00200	0.00000	NA	0.08701
	NPK for P2O5	26.00000	11.80000	11.80000	4.47000	0.04450	0.01880	0.00032	0.00006	0.00501	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00901
	P2O5 - 1	15.60000	11.90000	11.90000	2.66000	0.02530	0.01040	0.00019	0.00004	0.00603	0.00400	0.00030	0.00010	0.00020	0.00000	NA	0.01063
	Potash	0.13500	0.05860	0.05850	0.01600	0.00024	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.60000	16.80000	16.80000	3.30000	0.03320	0.01360	0.00018	0.00004	0.00900	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01700
	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	0.00676	0.01140	0.01140	0.00178	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.25000	13.10000	13.10000	2.04000	0.05170	0.02000	0.00013	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1410.000	1060.000	1060.000	320.0000	4.47000	1.80000	0.01600	0.00400	0.40000	0.40000	0.05000	0.02000	0.03000	0.00000	NA	0.90000
	Micronutrients	108.0000	147.0000	147.0000	23.20000	0.44200	0.17400	0.00141	0.00030	0.09000	0.05000	0.00401	0.00200	0.00300	0.00000	NA	0.14901
	Mn	0.08450	0.10500	0.10500	0.01830	0.00058	0.00022	0.00000	0.00000	0.00006	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00012
	NPK as N	261.0000	123.0000	122.0000	46.20000	0.35800	0.14400	0.00290	0.00060	0.04010	0.03000	0.00401	0.00100	0.00200	0.00000	NA	0.07711
	NPK for P2O5	24.10000	11.30000	11.30000	4.30000	0.04400	0.01810	0.00031	0.00006	0.00501	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00901
	P2O5 - 1	15.10000	12.50000	12.50000	2.53000	0.02350	0.01030	0.00021	0.00004	0.00602	0.00301	0.00030	0.00010	0.00020	0.00000	NA	0.00963
	Potash	0.12800	0.05580	0.05580	0.01640	0.00023	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.20000	16.80000	16.80000	3.32000	0.03170	0.01300	0.00020	0.00004	0.00800	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01600
	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	0.00677	0.01150	0.01150	0.00178	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.29000	12.80000	12.80000	2.03000	0.05290	0.02040	0.00033	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1330.000	1080.000	1080.000	309.0000	4.27000	1.78000	0.04120	0.00400	0.40000	0.30100	0.05000	0.02000	0.02010	0.00000	NA	0.79110
	Micronutrients	106.0000	140.0000	140.0000	23.00000	0.43600	0.17400	0.00366	0.00030	0.09000	0.04010	0.00500	0.00200	0.00301	0.00000	NA	0.14011
	Mn	0.08700	0.10900	0.10900	0.01860	0.00057	0.00023	0.00000	0.00000	0.00006	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00012
	NPK as N	256.0000	120.0000	120.0000	47.10000	0.37100	0.14900	0.00878	0.00060	0.04010	0.03000	0.00400	0.00100	0.00200	0.00000	NA	0.07710
	NPK for P2O5	24.50000	11.20000	11.20000	4.33000	0.03970	0.01760	0.00077	0.00006	0.00501	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00901
	P2O5 - 1	15.10000	12.10000	12.10000	2.39000	0.02390	0.01040	0.00045	0.00004	0.00602	0.00300	0.00030	0.00010	0.00010	0.00000	NA	0.00952
	Potash	0.12600	0.05480	0.05480	0.01650	0.00024	0.00009	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	14.60000	16.80000	16.80000	3.13000	0.03220	0.01320	0.00050	0.00004	0.00900	0.00700	0.00040	0.00020	0.00030	0.00000	NA	0.01690
	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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99th 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	0.00717	0.01130	0.01130	0.00186	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.71000	13.20000	13.20000	2.19000	0.05440	0.02120	0.00012	0.00003	0.00901	0.00500	0.00050	0.00040	0.00050	0.00000	NA	0.01541
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1420.000	1110.000	1110.000	335.0000	4.58000	1.84000	0.01820	0.00400	0.40100	0.40000	0.05000	0.02000	0.03000	0.00000	NA	0.90100
	Micronutrients	108.0000	155.0000	155.0000	24.10000	0.45000	0.17600	0.00139	0.00030	0.09010	0.05000	0.00500	0.00200	0.00301	0.00000	NA	0.15011
	Mn	0.08980	0.11300	0.11300	0.01940	0.00060	0.00023	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	262.0000	123.0000	123.0000	48.10000	0.38700	0.15600	0.00323	0.00060	0.05000	0.03010	0.00400	0.00100	0.00200	0.00000	NA	0.08710
	NPK for P2O5	25.90000	11.80000	11.80000	4.61000	0.04150	0.01830	0.00028	0.00006	0.00600	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.01000
	P2O5 - 1	16.20000	12.60000	12.60000	2.64000	0.02530	0.01070	0.00020	0.00004	0.00603	0.00301	0.00030	0.00010	0.00010	0.00000	NA	0.00954
	Potash	0.13200	0.06000	0.06000	0.01700	0.00024	0.00009	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.60000	16.80000	16.80000	3.39000	0.03310	0.01390	0.00019	0.00004	0.00900	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01700
	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	0.00721	0.01200	0.01200	0.00199	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.79000	13.10000	13.10000	2.33000	0.05630	0.02180	0.00003	0.00003	0.00900	0.00500	0.00040	0.00040	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1390.000	1200.000	1200.000	343.0000	4.54000	1.82000	0.00414	0.00400	0.40100	0.40000	0.05010	0.03000	0.03000	0.00000	NA	0.91110
	Micronutrients	110.0000	163.0000	163.0000	24.90000	0.48000	0.18800	0.00037	0.00030	0.09010	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.15110
	Mn	0.09130	0.12100	0.12100	0.02120	0.00060	0.00023	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	267.0000	134.0000	134.0000	46.00000	0.37300	0.15000	0.00071	0.00070	0.04010	0.03010	0.00400	0.00100	0.00200	0.00000	NA	0.07720
	NPK for P2O5	27.10000	13.20000	13.20000	5.01000	0.04550	0.01920	0.00006	0.00006	0.00600	0.00301	0.00050	0.00020	0.00030	0.00000	NA	0.01001
	P2O5 - 1	15.90000	14.20000	14.20000	2.72000	0.02490	0.01090	0.00004	0.00004	0.00702	0.00400	0.00030	0.00010	0.00020	0.00000	NA	0.01162
	Potash	0.13800	0.06280	0.06280	0.01700	0.00024	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.90000	16.50000	16.50000	3.36000	0.03290	0.01420	0.00005	0.00004	0.00801	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01601
	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	0.00715	0.01180	0.01180	0.00194	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.65000	13.00000	13.00000	2.27000	0.05540	0.02150	0.00003	0.00003	0.00900	0.00500	0.00050	0.00040	0.00050	0.00000	NA	0.01540
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1360.000	1210.000	1210.000	340.0000	4.76000	1.88000	0.00486	0.00400	0.40100	0.40000	0.05000	0.03000	0.03000	0.00000	NA	0.91100
	Micronutrients	111.0000	155.0000	155.0000	24.80000	0.47400	0.18600	0.00040	0.00030	0.09000	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.15100
	Mn	0.09070	0.11600	0.11600	0.01960	0.00061	0.00024	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	278.0000	128.0000	128.0000	49.30000	0.38400	0.15500	0.00075	0.00060	0.04010	0.03010	0.00401	0.00100	0.00200	0.00000	NA	0.07721
	NPK for P2O5	26.60000	12.10000	12.10000	4.91000	0.04510	0.01830	0.00008	0.00006	0.00600	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.01000
	P2O5 - 1	15.50000	13.00000	13.00000	2.69000	0.02500	0.01090	0.00005	0.00004	0.00602	0.00400	0.00030	0.00010	0.00020	0.00000	NA	0.01062
	Potash	0.13700	0.06030	0.06020	0.01690	0.00024	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.50000	16.00000	16.00000	3.40000	0.03270	0.01390	0.00005	0.00004	0.00900	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01700
	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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99th 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**	0.00676	0.01090	0.01090	0.00178	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.09000	12.20000	12.20000	2.06000	0.05030	0.01950	0.00026	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1320.000	1040.000	1030.000	315.0000	4.27000	1.67000	0.03280	0.00301	0.40000	0.40000	0.05000	0.02000	0.02000	0.00000	NA	0.89000
	Micronutrients	105.0000	149.0000	149.0000	23.20000	0.43500	0.17700	0.00270	0.00030	0.09000	0.05000	0.00500	0.00200	0.00300	0.00000	NA	0.15000
	Mn	0.08420	0.11000	0.11000	0.01860	0.00054	0.00022	0.00000	0.00000	0.00006	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00012
	NPK as N	253.0000	108.0000	108.0000	43.80000	0.38400	0.15500	0.00624	0.00050	0.04010	0.03000	0.00400	0.00100	0.00200	0.00000	NA	0.07710
	NPK for P2O5	24.00000	11.10000	11.10000	4.23000	0.04180	0.01780	0.00067	0.00006	0.00500	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00900
	P2O5 - 1	15.30000	12.40000	12.40000	2.55000	0.02460	0.01080	0.00037	0.00004	0.00602	0.00301	0.00030	0.00009	0.00010	0.00000	NA	0.00952
	Potash	0.12200	0.05320	0.05320	0.01610	0.00024	0.00009	0.00000	0.00000	0.00002	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00004
	S as Nutrient	14.50000	16.40000	16.40000	3.23000	0.03180	0.01280	0.00039	0.00004	0.00800	0.00601	0.00050	0.00020	0.00030	0.00000	NA	0.01501
	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**	0.00679	0.01070	0.01070	0.00173	0.00005	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	9.24000	12.70000	12.70000	1.98000	0.04990	0.01930	0.00014	0.00003	0.00701	0.00401	0.00040	0.00030	0.00040	0.00000	NA	0.01212
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1300.000	1010.000	1010.000	301.0000	3.75000	1.44000	0.01890	0.00300	0.40000	0.30000	0.05000	0.02000	0.02000	0.00000	NA	0.79000
	Micronutrients	104.0000	119.0000	119.0000	22.70000	0.43200	0.17200	0.00171	0.00030	0.08000	0.04000	0.00400	0.00200	0.00300	0.00000	NA	0.12900
	Mn	0.08470	0.10800	0.10800	0.01770	0.00044	0.00017	0.00000	0.00000	0.00006	0.00004	0.00000	0.00000	0.00000	0.00000	NA	0.00011
	NPK as N	248.0000	111.0000	111.0000	43.60000	0.24100	0.12200	0.00304	0.00050	0.04010	0.03000	0.00400	0.00090	0.00200	0.00000	NA	0.07700
	NPK for P2O5	24.70000	11.30000	11.20000	4.05000	0.03670	0.01700	0.00034	0.00006	0.00500	0.00300	0.00040	0.00020	0.00020	0.00000	NA	0.00880
	P2O5 - 1	13.60000	9.88000	9.88000	2.27000	0.02260	0.00976	0.00019	0.00003	0.00501	0.00300	0.00030	0.00008	0.00010	0.00000	NA	0.00849
	Potash	0.11200	0.05050	0.05050	0.01500	0.00024	0.00009	0.00000	0.00000	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00003
	S as Nutrient	14.30000	14.60000	14.60000	3.11000	0.02870	0.01210	0.00022	0.00003	0.00800	0.00501	0.00050	0.00020	0.00020	0.00000	NA	0.01391
	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**	0.00708	0.01250	0.01250	0.00197	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.54000	12.90000	12.90000	2.24000	0.05590	0.02160	0.00011	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1400.000	1180.000	1180.000	340.0000	4.68000	1.86000	0.01490	0.00400	0.40000	0.40000	0.06000	0.02010	0.03000	0.00000	NA	0.91010
	Micronutrients	112.0000	147.0000	147.0000	24.60000	0.46900	0.18400	0.00130	0.00030	0.09000	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.15100
	Mn	0.09100	0.11800	0.11800	0.01980	0.00060	0.00023	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	291.0000	129.0000	129.0000	48.40000	0.37000	0.14900	0.00274	0.00060	0.05000	0.04000	0.00401	0.00100	0.00200	0.00000	NA	0.09701
	NPK for P2O5	26.30000	12.60000	12.60000	4.78000	0.04610	0.01890	0.00028	0.00006	0.00600	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.01000
	P2O5 - 1	15.80000	12.30000	12.30000	2.65000	0.02550	0.01070	0.00015	0.00004	0.00602	0.00400	0.00030	0.00010	0.00020	0.00000	NA	0.01062
	Potash	0.14000	0.05970	0.05970	0.01620	0.00025	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.70000	16.50000	16.50000	3.43000	0.03230	0.01370	0.00017	0.00004	0.00801	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01601
	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]
Philadelphia, PA	**Boron**	0.00694	0.01150	0.01150	0.00180	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	9.46000	13.20000	13.20000	2.18000	0.05100	0.01980	0.00015	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1350.000	1060.000	1060.000	323.0000	4.42000	1.74000	0.02030	0.00400	0.40000	0.30100	0.05000	0.02000	0.02010	0.00000	NA	0.79110
	Micronutrients	110.0000	148.0000	148.0000	24.10000	0.45900	0.17800	0.00169	0.00030	0.09000	0.05000	0.00400	0.00200	0.00400	0.00000	NA	0.15000
	Mn	0.08860	0.11200	0.11200	0.01860	0.00058	0.00023	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	258.0000	123.0000	123.0000	45.90000	0.36000	0.14500	0.00382	0.00060	0.05000	0.03010	0.00401	0.00100	0.00200	0.00000	NA	0.08711
	NPK for P2O5	24.30000	11.80000	11.70000	4.49000	0.04390	0.01810	0.00033	0.00006	0.00500	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00900
	P2O5 - 1	16.20000	12.10000	12.10000	2.57000	0.02390	0.01030	0.00023	0.00004	0.00603	0.00300	0.00030	0.00010	0.00010	0.00000	NA	0.00953
	Potash	0.13000	0.05650	0.05650	0.01610	0.00025	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.50000	15.70000	15.70000	3.33000	0.03140	0.01320	0.00023	0.00004	0.00900	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01700
	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**	0.00726	0.01230	0.01230	0.00202	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.74000	12.70000	12.70000	2.30000	0.05630	0.02180	0.00004	0.00003	0.00900	0.00500	0.00050	0.00040	0.00050	0.00000	NA	0.01540
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1420.000	1220.000	1220.000	343.0000	4.54000	1.78000	0.00571	0.00400	0.40000	0.40000	0.06000	0.03000	0.03000	0.00000	NA	0.92000
	Micronutrients	112.0000	157.0000	157.0000	25.80000	0.46400	0.19200	0.00048	0.00030	0.09010	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.15110
	Mn	0.09230	0.12100	0.12100	0.02080	0.00060	0.00023	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	290.0000	138.0000	138.0000	49.90000	0.38600	0.15600	0.00095	0.00070	0.05000	0.04000	0.00401	0.00101	0.00200	0.00000	NA	0.09702
	NPK for P2O5	26.80000	12.80000	12.80000	5.01000	0.03740	0.01840	0.00009	0.00006	0.00600	0.00301	0.00050	0.00020	0.00030	0.00000	NA	0.01001
	P2O5 - 1	15.90000	14.20000	14.20000	2.72000	0.02520	0.01050	0.00005	0.00004	0.00702	0.00400	0.00030	0.00009	0.00010	0.00000	NA	0.01151
	Potash	0.14300	0.05860	0.05860	0.01650	0.00025	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.90000	16.70000	16.60000	3.42000	0.03400	0.01420	0.00006	0.00004	0.00900	0.00701	0.00050	0.00020	0.00030	0.00000	NA	0.01701
	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**	0.00664	0.01120	0.01120	0.00178	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00001
	Gypsum Products	9.09000	12.20000	12.20000	2.05000	0.05060	0.01960	0.00009	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1310.000	1030.000	1030.000	315.0000	4.21000	1.67000	0.01400	0.00400	0.40000	0.40000	0.05000	0.02000	0.02000	0.00000	NA	0.89000
	Micronutrients	104.0000	144.0000	144.0000	22.40000	0.44400	0.17700	0.00115	0.00030	0.09000	0.05000	0.00400	0.00200	0.00300	0.00000	NA	0.14900
	Mn	0.08670	0.11200	0.11200	0.01830	0.00055	0.00021	0.00000	0.00000	0.00006	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00012
	NPK as N	242.0000	121.0000	121.0000	43.50000	0.35600	0.14300	0.00230	0.00050	0.04000	0.03000	0.00400	0.00100	0.00200	0.00000	NA	0.07700
	NPK for P2O5	23.30000	10.90000	10.90000	4.31000	0.04170	0.01730	0.00025	0.00006	0.00500	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00900
	P2O5 - 1	15.30000	11.60000	11.60000	2.54000	0.02350	0.01060	0.00015	0.00004	0.00602	0.00301	0.00030	0.00010	0.00020	0.00000	NA	0.00963
	Potash	0.12200	0.05330	0.05320	0.01570	0.00023	0.00010	0.00000	0.00000	0.00002	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00004
	S as Nutrient	14.70000	15.50000	15.50000	3.26000	0.03170	0.01250	0.00015	0.00004	0.00900	0.00601	0.00050	0.00020	0.00030	0.00000	NA	0.01601
	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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99th 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]
Raleigh-Durham, NC	Boron	0.00672	0.01150	0.01150	0.00176	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.27000	12.30000	12.30000	2.12000	0.05400	0.02080	0.00017	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1340.000	1060.000	1060.000	325.0000	4.45000	1.79000	0.02340	0.00400	0.40000	0.30100	0.05000	0.02000	0.03000	0.00000	NA	0.80100
	Micronutrients	106.0000	151.0000	151.0000	22.90000	0.46000	0.17800	0.00180	0.00030	0.09000	0.05000	0.00500	0.00200	0.00300	0.00000	NA	0.15000
	Mn	0.08680	0.10800	0.10800	0.01880	0.00058	0.00022	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	258.0000	120.0000	119.0000	45.10000	0.36500	0.14700	0.00401	0.00050	0.04010	0.03000	0.00400	0.00100	0.00200	0.00000	NA	0.07710
	NPK for P2O5	24.30000	11.10000	11.10000	4.46000	0.04300	0.01820	0.00034	0.00006	0.00501	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00901
	P2O5 - 1	15.10000	12.60000	12.60000	2.48000	0.02460	0.01050	0.00023	0.00004	0.00602	0.00300	0.00030	0.00010	0.00010	0.00000	NA	0.00952
	Potash	0.13000	0.05650	0.05650	0.01650	0.00022	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.10000	15.80000	15.80000	3.33000	0.03160	0.01320	0.00027	0.00004	0.00800	0.00601	0.00050	0.00020	0.00030	0.00000	NA	0.01501
	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	0.00695	0.01190	0.01190	0.00180	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.44000	12.60000	12.60000	2.14000	0.05260	0.02050	0.00007	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1330.000	1110.000	1110.000	323.0000	3.99000	1.61000	0.00773	0.00400	0.40000	0.40000	0.05000	0.02000	0.03000	0.00000	NA	0.90000
	Micronutrients	107.0000	153.0000	153.0000	24.10000	0.44400	0.17600	0.00098	0.00030	0.09000	0.05000	0.00401	0.00200	0.00300	0.00000	NA	0.14901
	Mn	0.08880	0.11200	0.11200	0.01860	0.00058	0.00022	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	251.0000	119.0000	119.0000	45.40000	0.34300	0.13800	0.00104	0.00050	0.04000	0.03000	0.00400	0.00100	0.00200	0.00000	NA	0.07700
	NPK for P2O5	25.20000	11.30000	11.30000	4.33000	0.04160	0.01820	0.00012	0.00006	0.00501	0.00300	0.00050	0.00020	0.00030	0.00000	NA	0.00901
	P2O5 - 1	15.60000	12.60000	12.60000	2.49000	0.02450	0.01040	0.00008	0.00004	0.00603	0.00400	0.00030	0.00010	0.00010	0.00000	NA	0.01053
	Potash	0.13200	0.05670	0.05670	0.01670	0.00025	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.00000	16.80000	16.80000	3.40000	0.03120	0.01330	0.00009	0.00004	0.00900	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01700
	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	0.00727	0.01240	0.01240	0.00206	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	10.10000	12.70000	12.70000	2.39000	0.05840	0.02260	0.00004	0.00003	0.00900	0.00500	0.00050	0.00040	0.00050	0.00000	NA	0.01540
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1370.000	1270.000	1270.000	349.0000	4.55000	1.82000	0.00449	0.00400	0.40100	0.40000	0.05000	0.03000	0.03000	0.00000	NA	0.91100
	Micronutrients	112.0000	164.0000	164.0000	26.50000	0.45200	0.18000	0.00045	0.00030	0.10000	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.16100
	Mn	0.09250	0.12100	0.12100	0.02080	0.00063	0.00024	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	287.0000	144.0000	144.0000	49.50000	0.38800	0.15600	0.00091	0.00070	0.05010	0.04000	0.00401	0.00100	0.00200	0.00000	NA	0.09711
	NPK for P2O5	28.00000	13.30000	13.20000	5.10000	0.04020	0.01820	0.00008	0.00007	0.00600	0.00301	0.00050	0.00020	0.00030	0.00000	NA	0.01001
	P2O5 - 1	16.50000	14.20000	14.20000	2.72000	0.02620	0.01130	0.00005	0.00004	0.00801	0.00400	0.00030	0.00010	0.00020	0.00000	NA	0.01261
	Potash	0.13400	0.06060	0.06060	0.01660	0.00025	0.00010	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	16.20000	16.90000	16.90000	3.41000	0.03460	0.01450	0.00005	0.00004	0.00900	0.00701	0.00050	0.00020	0.00030	0.00000	NA	0.01701
	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

99th 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**	0.00714	0.01220	0.01220	0.00194	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.74000	12.60000	12.60000	2.28000	0.05270	0.02040	0.00004	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1380.000	1220.000	1220.000	324.0000	4.49000	1.86000	0.00544	0.00400	0.50000	0.30100	0.05010	0.02010	0.03000	0.00000	NA	0.90120
	Micronutrients	112.0000	144.0000	144.0000	23.90000	0.46200	0.18600	0.00046	0.00030	0.09010	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.15110
	Mn	0.09030	0.11800	0.11800	0.01980	0.00061	0.00024	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	279.0000	133.0000	133.0000	48.90000	0.38500	0.15500	0.00104	0.00070	0.04010	0.03010	0.00401	0.00100	0.00200	0.00000	NA	0.07721
	NPK for P2O5	25.40000	13.20000	13.10000	4.62000	0.04530	0.01870	0.00009	0.00006	0.00600	0.00400	0.00040	0.00020	0.00020	0.00000	NA	0.01080
	P2O5 - 1	15.40000	12.60000	12.60000	2.70000	0.02390	0.01130	0.00006	0.00004	0.00602	0.00400	0.00030	0.00010	0.00020	0.00000	NA	0.01062
	Potash	0.12400	0.05150	0.05150	0.01630	0.00021	0.00009	0.00000	0.00000	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00005
	S as Nutrient	15.60000	16.60000	16.60000	3.38000	0.03300	0.01360	0.00006	0.00004	0.00900	0.00700	0.00050	0.00020	0.00030	0.00000	NA	0.01700
	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**	0.00718	0.01230	0.01230	0.00197	0.00006	0.00002	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	NA	0.00002
	Gypsum Products	9.77000	13.10000	13.10000	2.27000	0.05790	0.02240	0.00002	0.00003	0.00900	0.00500	0.00050	0.00030	0.00050	0.00000	NA	0.01530
	Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Liming Materials	1410.000	1240.000	1240.000	327.0000	4.61000	1.83000	0.00128	0.00400	0.40100	0.40000	0.06000	0.03000	0.03000	0.00000	NA	0.92100
	Micronutrients	111.0000	156.0000	156.0000	25.40000	0.47900	0.18900	0.00018	0.00030	0.10000	0.05000	0.00500	0.00200	0.00400	0.00000	NA	0.16100
	Mn	0.09390	0.12300	0.12300	0.02000	0.00062	0.00024	0.00000	0.00000	0.00007	0.00005	0.00000	0.00000	0.00000	0.00000	NA	0.00013
	NPK as N	280.0000	143.0000	143.0000	49.30000	0.37100	0.15000	0.00026	0.00070	0.05000	0.03010	0.00401	0.00100	0.00200	0.00000	NA	0.08711
	NPK for P2O5	26.90000	13.20000	13.20000	4.91000	0.04190	0.01860	0.00003	0.00006	0.00600	0.00400	0.00050	0.00020	0.00030	0.00000	NA	0.01100
	P2O5 - 1	16.30000	12.60000	12.60000	2.81000	0.02570	0.01090	0.00002	0.00004	0.00603	0.00400	0.00030	0.00009	0.00020	0.00000	NA	0.01062
	Potash	0.13100	0.05850	0.05850	0.01590	0.00024	0.00009	0.00000	0.00000	0.00002	0.00002	0.00000	0.00000	0.00000	0.00000	NA	0.00004
	S as Nutrient	15.60000	16.20000	16.10000	3.45000	0.03230	0.01470	0.00002	0.00004	0.00900	0.00701	0.00050	0.00020	0.00030	0.00000	NA	0.01701
	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.