

APPENDIX C - FERTILIZER CODES.

CODE NAME	N	P	K	RANGE	FORM
0 IDENTIFIED BY GRADE¹	0	0.0	0.0		Dry, Liquid
<u>NITROGEN PRODUCTS:</u>					
2 ANHYDROUS AMMONIA	82	0.0	0.0	80-83% N	Liquid
6 AQUA AMMONIA	20.5	0.0	0.0	10-30% N	Liquid
10 AMMONIUM NITRATE	34	0.0	0.0	33-34% N	Dry
12 AMMONIUM NITRATE SOLUTION	20	0.0	0.0	18-20% N	Liquid
13 AMMONIUM NITRATE-LIMESTONE MIXTURES	20.5	0.0	0.0	17-26% N	Dry
16 AMMONIUM NITRATE-SULFATE	30	0.0	0.0	26-30% N	Dry
20 AMMONIUM POLYSULFIDE	20	0.0	0.0	18-23% N	Liquid
24 AMMONIUM SULFATE	21	0.0	0.0	20-21% N	Dry
25 AMMONIUM SULFATE SOLUTION	6	0.0	0.0		Liquid
27 AMMONIUM SULFATE-NITRATE	26	0.0	0.0		Dry, Liquid
29 AMMONIUM SULFATE-UREA	33.5	0.0	0.0	33-34% N	Dry
31 AMMONIUM THIOSULFATE	12	0.0	0.0		Liquid
35 CALCIUM AMMONIUM NITRATE	17	0.0	0.0	17-20.5% N	Dry, Liquid
38 CALCIUM CYANAMIDE	20.5	0.0	0.0		Dry, Liquid
43 CALCIUM NITRATE	15.5	0.0	0.0	15-15.5% N	Dry, Liquid
46 CALCIUM NITRATE-UREA	33.8	0.0	0.0	30-35% N	Dry
50 FERROUS AMMONIUM SULFATE	7	0.0	0.0	14% FE, 16% S	Dry
52 MAGNESIUM NITRATE	7.1			6.6% MG	Liquid
54 NITRIC ACID	15	0.0	0.0		Liquid
56 NITROGEN SOLUTION <28%	0	0.0	0.0	<28% N	Liquid
58 NITROGEN SOLUTION 28%	28	0.0	0.0	28-29.9% N	Liquid
59 NITROGEN SOLUTION 30%	30	0.0	0.0	30-31.9% N	Liquid
60 NITROGEN SOLUTION 32%	32	0.0	0.0	32-32.9% N	Liquid
61 NITROGEN SOLUTION >32%	0	0.0	0.0	>32% N	Liquid
62 SODIUM NITRATE	16	0.0	0.0		Dry
64 SULFUR COATED UREA	36	0.0	0.0	36-38%N	Dry
66 UREA	46	0.0	0.0	45-46% N	Dry
67 UREA SOLUTION	20	0.0	0.0		Liquid
68 UREA-FORMALDEHYDE	38	0.0	0.0	35-40% N	Dry
73 ZINC AMMONIUM SULFATE SOLUTION	10	0.0	0.0	10-15% N, 10% Z, 5% S	Liquid
77 ZINC MANGANESE AMMONIUM SULFATE	9	0.0	0.0		Liquid, Dry

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CODE	NAME	N	P	K	RANGE	FORM
97	NITROGEN PRODUCT - CODE UNKNOWN	0	0.0	0.0	2-44% N	Dry, Liquid
98	NITROGEN PRODUCT - CODE/GRADE UNKNOWN	0	0.0	0.0	2-44% N	Dry, Liquid
PHOSPHATE PRODUCTS:						
201	AMMONIUM METAPHOSPHATE	12	51.0	0.0		Dry
202	AMMONIUM PHOSPHATE	11	48.0	0.0		Dry
203	DIAMMONIUM PHOSPHATE	18	46.0	0.0	18-21% N, 46-54% P ₂ O ₅	Dry
204	AMMONIUM POLYPHOSPHATE	15	60.0	0.0		Dry, Liquid
205	BASIC LIME PHOSPHATE	0	0.0	0.0	5-37% P ₂ O ₅	Dry
206	AMMONIUM PHOSPHATE NITRATE	27	14.0	0.0		Dry
207	AMMONIUM PHOSPHATE SULFATE	16	20.0	0.0		Dry, Liquid
208	BASIC SLAG	0	9.0	0.0	8-10% P ₂ O ₅	Dry
209	MONOAMMONIUM PHOSPHATE	11	52.0	0.0		Dry
212	BONE BLACK, SPENT	1	33.0	0.0		Dry
214	BONE MEAL, RAW	3.9	22.0	0.0		Dry
216	BONE MEAL, STEAMED	2.2	27.0	0.0		Dry
218	BONE, PRECIPITATED	0	35.0	0.0	28-45% P ₂ O ₅	Dry
223	CALCIUM METAPHOSPHATE	0	60.0	0.0	60-62% P ₂ O ₅	Dry
228	COLLOIDAL PHOSPHATE (SOFT PHOSPHATE)	0	2.0	0.0	2-8% P ₂ O ₅	Dry
233	LIMESTONE, PHOSPHATIC	0	13.0	0.0	13-14% P ₂ O ₅	Dry
238	MAGNESIUM PHOSPHATE	0	18.0	0.0	17-18% P ₂ O ₅	Dry
241	NITRIC PHOSPHATE	0	0.0	0.0	14-22% N, 10-22% P ₂ O ₅	Dry
243	PHOSPHATE ROCK	0	3.0	0.0	2-4% P ₂ O ₅	Dry
248	PHOSPHORIC ACID	0	54.0	0.0	2-75% P ₂ O ₅	Liquid
249	LIQUID AMMONIUM POLYPHOSPHATE	10	34.0	0.0	5-12% N, 17-37% P ₂ O ₅	Liquid
253	PRECIPITATED PHOSPHATE	0	35.0	0.0	24-45% P ₂ O ₅	Dry
263	SUPERPHOSPHATE, NORMAL	0	22.0	0.0	18-22% P ₂ O ₅	Dry
265	SUPERPHOSPHATE, ENRICHED	0	23.0	0.0	23-39% P ₂ O ₅	Dry
267	SUPERPHOSPHATE, TRIPLE	0	46.0	0.0	40-54% P ₂ O ₅	Dry
273	SUPERPHOSPHORIC ACID	0	68.0	0.0	68-75% P ₂ O ₅	Liquid
297	PHOSPHATE PRODUCT - CODE UNKNOWN	0	0.0	0.0	1-75% P ₂ O ₅	Dry, Liquid
298	PHOSPHATE PRODUCT - CODE/GRADE UNKNOWN	0	0.0	0.0	1-75% P ₂ O ₅	Dry, Liquid
POTASH PRODUCTS:						
408	LIME-POTASH MIXTURES	0	0.0	10.0	5-10% K ₂ O	Dry
413	MANURE SALTS	0	0.0	20.0	20-30% K ₂ O	Dry

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CODE NAME	N	P	K	RANGE	FORM
415 POTASH SUSPENSIONS	0	0.0	0.0		Liquid
423 POTASSIUM CARBONATE	0	0.0	64.0	52-69% K ₂ O	Dry, Liquid
428 MURIATE OF POTASH 60% (POT. CHLORIDE)	0	0.0	60.0	59-61% K ₂ O	Dry
430 MURIATE OF POTASH 62%	0	0.0	62.0		Dry
443 POTASSIUM-MAGNESIUM SULFATE	0	0.0	22.0	21-28% K ₂ O	Dry
448 POTASSIUM-METAPHOSPHATE	0	55.0	37.0		Dry
453 POTASSIUM NITRATE	14	0.0	44.0	12-14% N, 44-46% K ₂ O	Dry
458 POTASSIUM-SODIUM NITRATE	15	0.0	14.0		Dry, Liquid
463 POTASSIUM SULFATE	0	0.0	50.0	48-52% K ₂ O	Dry
478 TOBACCO STEMS	2	0.0	6.0		Dry
497 POTASH PRODUCT - CODE UNKNOWN	0	0.0	0.0	0-47% K ₂ O	Dry, Liquid
498 POTASH PRODUCT - CODE/GRADE UNKNOWN	0	0.0	0.0	0-47% K ₂ O	Dry, Liquid
<u>NATURAL ORGANIC PRODUCTS</u>					
601 BLOOD, DRIED	12	0.0	0.0		Dry
604 CASTOR POMACE	5	1.0	1.0		Dry
607 COCOA SHELL MEAL	2.5	1.0	2.0		Dry
610 COCOA TANKAGE	4	1.5	2.0		Dry
613 COMPOST	2	2.0	1.0		Dry
615 COTTONSEED MEAL	6.4	2.0	1.0		Dry
617 FISH SCRAP	6	6.0	6.0		Dry
629 GUANO	12	11.0	2.0		Dry
649 MANURE	0.5	0.5	0.5		Dry
652 PEAT	1.9	0.2	0.2		Dry
661 SEWAGE SLUDGE, ACTIVATED	6	2.0	2.0		Dry, Liquid
663 SEWAGE SLUDGE, DIGESTED	10	2.0	0.0		Dry
665 SEWAGE SLUDGE, HEAT DRIED	6	2.0	2.0	3-7% N, 1-7% P ₂ O ₅ , 1-2%	Dry
667 SEWAGE SLUDGE, OTHER	6	2.0	1.0		Dry, Liquid
671 SOYBEAN MEAL	6	1.0	2.0		Dry
673 TANKAGE, ANIMAL	8.1	5.3	5.9		Dry
675 TANKAGE, PROCESS	7.8	0.0	0.0		Dry
681 LINSEED MEAL	5.6	2.0	1.0		Dry
685 TUNG PUMACE	8	2.0	2.0		Dry
697 NATURAL ORGANIC PRODUCT - CODE UNKNOWN	0	0.0	0.0		Dry

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CODE	NAME	N	P	K	RANGE	FORM
698	NAT ORGANIC PRODUCT - CODE/GRADE UNKNOWN	0	0.0	0.0		Dry
<u>SECONDARY AND MICRONUTRIENT PRODUCTS:</u>						
702	ALUMINUM SULFATE	0	0.0	0.0		Dry
706	BORAX	0	0.0	0.0		Dry
710	BRUCITE (MAGNESIUM HYDROXIDE)	0	0.0	0.0		Dry
714	COBALT SULFATE	0	0.0	0.0		Dry
716	COPPER OXIDE, BLACK	0	0.0	0.0		Dry
717	COPPER OXIDE, RED	0	0.0	0.0		Dry
720	COPPER SULFATE	0	0.0	0.0		Dry, Liquid
722	COPPER CHELATE	0	0.0	0.0		Liquid, Dry
723	COPPER COMPOUND					Liquid, Dry
724	FERRIC OXIDE	0	0.0	0.0		Dry
726	FERRIC SULFATE	0	0.0	0.0		Dry
728	FERROUS SULFATE	0	0.0	0.0		Dry
730	IRON CHELATE	0	0.0	0.0		Dry, Liquid
731	IRON COMPOUND			0.0		Dry, Liquid
732	GYPSUM (CALCIUM SULFATE)	0	0.0	0.0		Dry
733	CALCIUM CHELATE	0	0.0	0.0		Dry, Liquid
734	CALCIUM SULFATE (HYDROUS)	0	0.0	0.0		Liquid, Dry
736	LIME SULFUR SOLUTION	0	0.0	0.0		Liquid
742	MAGNESIA (MAGNESIUM OXIDE)	0	0.0	0.0		Dry
744	EPSOM SALT (MAGNESIUM SULFATE)	0	0.0	0.0		Dry
745	MAGNESIUM CHELATE					Dry, Liquid
748	MANGANESE AGSTONE	0	0.0	0.0		Dry
749	MANGANESE CHELATE	0	0.0	0.0		Dry, Liquid
750	MANGANESE OXIDE	0	0.0	0.0		Dry
752	MANGANESE SLAG	0	0.0	0.0		Dry
754	MANGANESE SULFATE	0	0.0	0.0		Dry
758	MANGANOUS OXIDE	0	0.0	0.0		Dry
762	SODIUM MOLYBDATE	0	0.0	0.0		Dry
764	SOIL AMENDMENT					Dry, Liquid
765	SOIL ADDITIVE					Dry, Liquid
766	SOIL CONDITIONER	0	0.0	0.0		Dry, Liquid

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CODE NAME	N	P	K	RANGE	FORM
767 POTTING SOIL					Dry
770 SULFUR	0	0.0	0.0		Dry, Liquid
773 CALCIUM CHLORIDE	0	0.0	0.0		Dry, Liquid
774 SULFURIC ACID	0	0.0	0.0		Liquid
778 ZINC OXIDE	0	0.0	0.0		Dry
780 ZINC OXYSULFATE	0	0.0	0.0		Dry
782 ZINC SULFATE	0	0.0	0.0		Dry
783 ZINC SULFATE SOLUTION	0	0.0	0.0		Liquid
784 ZINC CHELATE	0	0.0	0.0		Dry, Liquid
797 SEC./MICRONUT. - CODE UNKNOWN	0	0.0	0.0		Dry, Liquid
798 SEC./MICRONUT. - CODE/GRADE UNKNOWN	0	0.0	0.0		Dry, Liquid

Dry, Liquid

UNIDENTIFIED PRODUCTS²:

978 FERTILIZER PRODUCT - CODE/GRADE UNKNOWN	0	0.0	0.0		Dry, Liquid
988 SINGLE NUTRIENT - CODE/GRADE UNKNOWN	0	0.0	0.0		Dry, Liquid
990 SPECIALITY - CODE/GRADE UNKNOWN	0	0.0	0.0		Dry, Liquid
998 MULTIPLE NUTRIENT - CODE/GRADE UNKNOWN	0	0.0	0.0		Dry, Liquid

¹ For blended products not listed below, use fertilizer code zero and provide the grade.

² Use these code only when both the code and analysis are unknown for the tonnage being reported.