

# UFTRS Material Codes

Code	Name of Material	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Range	Form
0	IDENTIFIED BY GRADE	0.0	0.0	0.0		DRY, LIQUID
<b>Nitrogen Materials</b>						
002	ANHYDROUS AMMONIA	82.0	0.0	0.0	80-83% N	LIQUID
006	AQUA AMMONIA	20.5	0.0	0.0	10-30% N	LIQUID
010	AMMONIUM NITRATE	34.0	0.0	0.0	33-34% N	DRY
012	AMMONIUM NITRATE SOLUTION	20.0	0.0	0.0	18-20% N	LIQUID
013	AMMONIUM NITRATE-LIMESTONE MIXTURES	20.5	0.0	0.0	17-26% N	DRY
016	AMMONIUM NITRATE-SULFATE	30.0	0.0	0.0	26-30% N	DRY
020	AMMONIUM POLYSULFIDE	20.0	0.0	0.0	18-23% N	LIQUID
024	AMMONIUM SULFATE	21.0	0.0	0.0	20-21% N	DRY
025	AMMONIUM SULFATE SOLUTION	6.0	0.0	0.0		LIQUID
027	AMMONIUM SULFATE-NITRATE	26.0	0.0	0.0		DRY, LIQUID
029	AMMONIUM SULFATE-UREA	33.5	0.0	0.0	33-34% N	DRY
031	AMMONIUM THIOSULFATE	12.0	0.0	0.0		LIQUID
035	CALCIUM AMMONIUM NITRATE	17.0	0.0	0.0	17-20.5 N	DRY, LIQUID
038	CALCIUM CYANAMIDE	20.5	0.0	0.0		DRY, LIQUID
043	CALCIUM NITRATE	15.5	0.0	0.0	15-15% N	DRY, LIQUID
046	CALCIUM NITRATE-UREA	33.8	0.0	0.0	30-35% N	DRY
050	FERROUS AMMONIUM SULFATE	7.0	0.0	0.0	7%N 14%Fe	
052	MAGNESIUM NITRATE					
054	NITRIC ACID	15.0	0.0	0.0		LIQUID
056	NITROGEN SOLUTION <28%	0.0	0.0	0.0	<28.0% N	LIQUID
058	NITROGEN SOLUTION 28%	28.0	0.0	0.0	28-29.9% N	LIQUID
059	NITROGEN SOLUTION 30%	30.0	0.0	0.0	30-31.9% N	LIQUID
060	NITROGEN SOLUTION 32%	32.0	0.0	0.0	32-32.9% N	LIQUID
061	NITROGEN SOLUTION >32%	0.0	0.0	0.0	>32% N	LIQUID
062	SODIUM NITRATE	16.0	0.0	0.0		DRY
064	SULFUR COATED UREA	36.0	0.0	0.0		DRY
066	UREA	46.0	0.0	0.0	45-46% N	DRY
067	UREA SOLUTION	20.0	0.0	0.0		LIQUID
068	UREA-FORMALDEHYDE	38.0	0.0	0.0	35-38% N	DRY
073	ZINC AMMONIUM SULFATE SOLUTION	14.0	0.0	0.0	14-15% N	DRY
077	ZINC MANGANESE AMMONIUM SULFATE	14.0	0.0	0.0		DRY
097	NITROGEN PRODUCT - CODE UNKNOWN	0.0	0.0	0.0	2-44% N	DRY, LIQUID
098	NITROGEN PRODUCT - CODE/GRADE UNKNOWN	0.0	0.0	0.0	2-44% N	DRY, LIQUID
<b>Phosphate Materials</b>						
201	AMMONIUM METAPHOSPHATE	12.0	51.0	0.0		DRY
202	AMMONIUM PHOSPHATE	11.0	48.0	0.0		DRY
203	DIAMMONIUM PHOSPHATE	18.0	46.0	0.0		DRY
204	AMMONIUM POLYPHOSPHATE	15.0	60.0	0.0		DRY, LIQUID
205	BASIC LIME PHOSPHATE	0.0	0.0	0.0	5-37%	DRY
206	AMMONIUM PHOSPHATE NITRATE	27.0	14.0	0.0		DRY
207	AMMONIUM PHOSPHATE SULFATE	16.0	20.0	0.0		DRY, LIQUID
208	BASIC SLAG	0.0	9.0	0.0	8-10%	DRY, LIQUID
209	MONOAMMONIUM PHOSPHATE	11.0	52.0	0.0		DRY
212	BONE BLACK, SPENT	1.0	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	0.0	35.0	0.0	28-45% P <sub>2</sub> O <sub>5</sub>	DRY
223	CALCIUM METAPHOSPHATE	0.0	60.0	0.0	60-62% P <sub>2</sub> O <sub>5</sub>	DRY
228	COLLOIDAL PHOSPHATE (SOFT PHOSPHATE)	0.0	2.0	0.0	2-8% P <sub>2</sub> O <sub>5</sub>	DRY
233	LIMESTONE, PHOSPHATIC	0.0	13.0	0.0	13-14% P <sub>2</sub> O <sub>5</sub>	DRY
238	MAGNESIUM PHOSPHATE	0.0	18.0	0.0	17-18% P <sub>2</sub> O <sub>5</sub>	DRY
241	NITRIC PHOSPHATE	0.0	0.0	0.0	14-22% N	DRY
243	PHOSPHATE ROCK	0.0	3.0	0.0	2-4% P <sub>2</sub> O <sub>5</sub>	DRY
248	PHOSPHORIC ACID	0.0	54.0	0.0	2-75% P <sub>2</sub> O <sub>5</sub>	LIQUID
249	LIQUID AMMONIUM POLYPHOSPHATE	10.0	34.0	0.0	5-12% N	LIQUID
253	PRECIPITATED PHOSPHATE	0.0	35.0	0.0	24-45% P <sub>2</sub> O <sub>5</sub>	DRY
263	SUPERPHOSPHATE, NORMAL	0.0	22.0	0.0	18-22% P <sub>2</sub> O <sub>5</sub>	DRY
265	SUPERPHOSPHATE, ENRICHED	0.0	23.0	0.0	23-39% P <sub>2</sub> O <sub>5</sub>	DRY

267	SUPERPHOSPHATE, TRIPLE	0.0	46.0	0.0	40-54% P <sub>2</sub> O <sub>5</sub>	DRY
273	SUPERPHOSPHORIC ACID	0.0	68.0	0.0	68-75% P <sub>2</sub> O <sub>5</sub>	LIQUID
297	PHOSPHATE PRODUCT - CODE UNKNOWN	0.0	0.0	0.0	1-75% P <sub>2</sub> O <sub>5</sub>	DRY, LIQUID
298	PHOSPHATE PRODUCT - CODE/GRADE UNKNOWN	0.0	0.0	0.0	1-75% P <sub>2</sub> O <sub>5</sub>	DRY, LIQUID

### Potash Materials

408	LIME-POTASH MIXTURES	0.0	0.0	10.0	5-10% K <sub>2</sub> O	DRY
413	MANURE SALTS	0.0	0.0	20.0	20-30% K <sub>2</sub> O	DRY
415	POTASH SUSPENSIONS	0.0	0.0	0.0		LIQUID
423	POTASSIUM CARBONATE	0.0	0.0	64.0	52-69% K <sub>2</sub> O	DRY, LIQUID
428	MURIATE OF POTASH 60% (POT. CHLORIDE)	0.0	0.0	60.0	59-61% K <sub>2</sub> O	DRY
430	MURIATE OF POTASH 62%	0.0	0.0	62.0		DRY
443	POTASSIUM-MAGNESIUM SULFATE	0.0	0.0	22.0	21-28% K <sub>2</sub> O	DRY
448	POTASSIUM-METAPHOSPHATE	0.0	55.0	37.0		DRY
453	POTASSIUM NITRATE	14.0	0.0	44.0	12-14% N	DRY
458	POTASSIUM-SODIUM NITRATE	15.0	0.0	14.0		DRY, LIQUID
463	POTASSIUM SULFATE	0.0	0.0	50.0	48-52% K <sub>2</sub> O	DRY
478	TOBACCO STEMS	1.5	0.0	0.0		DRY
497	POTASH PRODUCT - CODE UNKNOWN	0.0	0.0	0.0	0-47% K <sub>2</sub> O	DRY, LIQUID
498	POTASH PRODUCT - CODE/GRADE UNKNOWN	0.0	0.0	0.0	0-47% K <sub>2</sub> O	DRY, LIQUID

### Natural Organic Materials

601	BLOOD, DRIED	12.0	0.0	0.0		DRY
604	CASTOR POMACE	5.0	1.0	1.0		DRY
607	COCOA SHELL MEAL	2.5	1.0	2.0		DRY
610	COCOA TANKAGE	4.0	1.5	2.0		DRY
613	COMPOST	2.0	2.0	1.0		DRY
615	COTTONSEED MEAL	6.4	2.0	1.0		DRY
617	FISH SCRAP	6.0	6.0	6.0		DRY
629	GUANO	12.0	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	6.0	2.0	2.0		DRY
663	SEWAGE SLUDGE, DIGESTED	10.0	2.0	0.0		DRY
665	SEWAGE SLUDGE, HEAT DRIED					
667	SEWAGE SLUDGE, OTHER	6.0	2.0	1.0		DRY
671	SOYBEAN MEAL	6.0	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	0.0	0.0	0.0		DRY
697	NATURAL ORGANIC PRODUCT - CODE UNKNOWN	0.0	0.0	0.0		DRY
698	NAT ORGANIC PRODUCT - CODE/GRADE UNKNOWN	0.0	0.0	0.0		DRY

### Secondary and Micro Nutrient Materials

702	ALUMINUM SULFATE	0.0	0.0	0.0		DRY
706	BORAX	0.0	0.0	0.0		DRY
710	BRUCITE (MAGNESIUM HYDROXIDE)	0.0	0.0	0.0		DRY
714	COBALT SULFATE	0.0	0.0	0.0		DRY
716	COPPER OXIDE, BLACK	0.0	0.0	0.0		DRY
717	COPPER OXIDE, RED	0.0	0.0	0.0		DRY
720	COPPER SULFATE	0.0	0.0	0.0		DRY
722	COPPER CHELATE	0.0	0.0	0.0		LIQUID, DRY
723	COPPER COMPOUND	0.0	0.0	0.0		LIQUID, DRY
724	FERRIC OXIDE	0.0	0.0	0.0		DRY
726	FERRIC SULFATE	0.0	0.0	0.0		DRY
728	FERROUS SULFATE	0.0	0.0	0.0		DRY
730	IRON CHELATE	0.0	0.0	0.0		DRY, LIQUID
731	IRON COMPOUND	0.0	0.0	0.0		DRY, LIQUID
732	GYPHUM (CALCIUM SULFATE)	0.0	0.0	0.0		DRY
733	CALCIUM CHELATE	0.0	0.0	0.0		DRY, LIQUID
734	CALCIUM SULFATE (HYDROUS)	0.0	0.0	0.0		LIQUID, DRY
736	LIME SULFUR SOLUTION	0.0	0.0	0.0		LIQUID
742	MAGNESIA (MAGNESIUM OXIDE)	0.0	0.0	0.0		DRY
744	EPSOM SALT (MAGNESIUM SULFATE)	0.0	0.0	0.0		DRY
745	MAGNESIUM CHELATE	0.0	0.0	0.0		DRY, LIQUID

748	MANGANESE AGSTONE	0.0	0.0	0.0	DRY
749	MANGANESE CHELATE	0.0	0.0	0.0	DRY, LIQUID
750	MANGANESE OXIDE	0.0	0.0	0.0	DRY
752	MANGANESE SLAG	0.0	0.0	0.0	DRY
754	MANGANESE SULFATE	0.0	0.0	0.0	DRY
758	MANGANOUS OXIDE	0.0	0.0	0.0	DRY
762	SODIUM MOLYBDATE	0.0	0.0	0.0	DRY
764	SOIL AMENDMENT				DRY, LIQUID
765	SOIL ADDITIVE				DRY, LIQUID
766	SOIL CONDITIONER	0.0	0.0	0.0	DRY, LIQUID
767	POTTING SOIL				DRY
770	SULFUR	0.0	0.0	0.0	DRY, LIQUID
773	CALCIUM CHLORIDE	0.0	0.0	0.0	DRY, LIQUID
774	SULFURIC ACID	0.0	0.0	0.0	LIQUID
778	ZINC OXIDE	0.0	0.0	0.0	DRY
780	ZINC OXYSULFATE	0.0	0.0	0.0	DRY
782	ZINC SULFATE	0.0	0.0	0.0	DRY
783	ZINC SULFATE SOLUTION	0.0	0.0	0.0	LIQUID
784	ZINC CHELATE	0.0	0.0	0.0	DRY, LIQUID
797	SEC./MICRONUT. - CODE UNKNOWN	0.0	0.0	0.0	DRY, LIQUID
798	SEC./MICRONUT. - CODE/GRADE UNKNOWN	0.0	0.0	0.0	DRY, LIQUID

### Liming Materials

901	CALCIUM OXIDE (BURNT)	0.0	0.0	0.0	DRY
902	CALCIUM HYDROXIDE (HYDRATE)	0.0	0.0	0.0	DRY
903	STANDARD DOLOMITE	0.0	0.0	0.0	DRY
904	DOLOMITIC LIME (75% NEUTRAL)	0.0	0.0	0.0	DRY, LIQUID
905	STANDARD CALCITE	0.0	0.0	0.0	DRY
906	CALCITIC LIME (75% NEUTRAL)	0.0	0.0	0.0	DRY, LIQUID
907	LIME PRODUCT - CODE UNKNOWN	0.0	0.0	0.0	DRY
908	LIME PRODUCT - CODE/GRADE UNKNOWN	0.0	0.0	0.0	DRY
910	DOLOMITIC & CALCITIC BLEND (PELLETIZED)	0.0	0.0	0.0	DRY
912	LIME SUSPENSIONS	0.0	0.0	0.0	LIQUID
915	NON-LIME FILLER (WATER, SAND, ETC.)				DRY, LIQUID

### Miscellaneous UNKNOWNNS 1

978	FERTILIZER PRODUCT - CODE/GRADE UNKNOWN	0.0	0.0	0.0	DRY, LIQUID
988	SINGLE NUTRIENT - CODE/GRADE UNKNOWN	0.0	0.0	0.0	DRY, LIQUID
990	SPECIALITY - CODE/GRADE UNKNOWN	0.0	0.0	0.0	DRY, LIQUID
998	MULTIPLE NUTRIENT - CODE/GRADE UNKNOWN	0.0	0.0	0.0	DRY, LIQUID

1) Use these codes only when both the code and analysis for the tonnage being reported is unknown  
Note: For blended products not listed above, use fertilizer code zero and provide the grade.