

FERTILIZER PLANT NUTRIENT CALCULATION TABLE

Fertilizer Name/Grade	Applic. Rate (#/A)	will supply (#/A)					EA
		N	P ₂ O ₅	K ₂ O	S	Mg	
anhydrous ammonia (pressurized)		82	-	-	-	-	2
*nitrogen solutions (ammon. nitrate-urea-NH ₃)	100	19-37	-	-	-	-	2
*33-0-0 (ammonium nitrate)	100	33	-	-	-	-	2
*21-0-0-24S (ammonium sulfate)	100	21	-	-	24	-	5
20-0-0 (ammonium nitrate lime) 6% Ca	100	20	-	-	-	(4)	-
*46-0-0 (urea)	100	46	-	-	-	-	2
37-0-0-15S (S-coated urea)	100	37	-	-	15	-	2
38-0-0 (urea-formaldehyde)	100	38	-	-	-	-	2
*0-45-0 (triple super phosphate)	100	0	45	-	-	-	-
18-46-0 (diammonium phosphate)	100	18	46	-	-	-	5
*0-0-60 (K muriate)	100	-	-	60	-	-	-
0-0-50-18S (K sulfate)	100	-	-	50	18	-	-
0-0-22-22S-11 Mg (sulpomag)	100	-	-	22	22	11	-
0-0-0-92S (agrisul)	10	-	-	-	9	-	-
0-10-30 (with boron)	100	-	10	30	-	-	-
0-15-30	100	-	15	30	-	-	-
1-1-1	100	1	1	1	-	-	-
0-25-25	100	-	25	25	-	-	-
5-10-5	100	5	10	5	-	-	-
*5-10-10	100	5	10	10	-	-	-
*5-10-15-5S	100	5	10	15	5	-	-
5-20-20	100	5	20	20	-	-	-
*6-24-24	100	6	24	24	-	-	-
8-32-16	100	8	32	16	-	-	-
9-23-30	100	9	23	30	-	-	-
10-10-10	100	10	10	10	-	-	-
*10-20-10	100	10	20	10	-	-	-
*10-20-20	100	10	20	20	-	-	-
*12-12-12	100	12	12	12	-	-	-
12-24-24	100	12	24	24	-	-	-
*15-15-15	100	15	15	15	-	-	-
*19-19-19	100	19	19	19	-	-	-
bloodmeal	100	13	2	1	-	-	-
rock phosphate	500	-	125-150	-	-	-	-
bone ash (45% Ca)	100	-	35	-	0.5	0.5	-
bone meal (33% Ca)	100	3	25	-	0.5	0.5	-
fish meal	100	9	7	-	0.5	0.5	-
tankage (animal)	1 ton	140	200	10	20	10	1
manure (cow, sheep)	1 ton	10	5	10	5	5	1
manure (poultry)	1 ton	30	20	10	10	5	1
sewage sludge (varies by source)	1 ton	100	80	20	10	10	1
wood ash (30% Ca)	100	-	2	5	0.5	2	-
kelp	100	2.5	1.5	15	1	0.5	-
seaweed	100	2	0.5	2	2	0.5	-

NOTE

Remember: 1 lb of P₂O₅ = 0.4 lb of P; 1 lb of K₂O = 0.8 lb K; EA = lbs of lime to neutralize 1 lb of fertilizer acidity

*fertilizers with WV sales of 1000 tons/year or more