

Custom Garden Fertilizer Formulation Tables

Dustin Blakey
County Extension Agent – Agriculture

Section 3 of your Soil Analysis Report may recommend several different nutrients in the report. Since our recommendations are based on plant needs, there may not always be a single product that fits perfectly. You can find these products locally and make your own fertilizer based on the recommendations. Be sure to follow the special application instructions in the Crop Notes sections. The tables below tell you how much to apply of each nutrient. In most cases, they may be mixed together.

Many recommendations only call for Nitrogen! Additional fertilizers will provide no economic benefit.

Note: due to regulations in the Nutrient Surplus Area, pre-mixed fertilizers such as 13-13-13 or 15-30-15 may not be legal to apply.

If your soil test calls for Zinc (Zn) apply $\frac{3}{4}$ of a pound of Zinc Sulfate per 1,000 sq. ft.

N (Nitrogen) Use this many pounds of one of these products per 1,000 sq ft.

If your recommendation says:	Ammonium Nitrate (34-0-0)	Urea (46-0-0)	Hi-Yield Blood Meal (12-0-0)	Ammonium Sulfate (21-0-0)
0.5	1.5	1	4	2
1	3	2	8	4.5
1.5	4	3	12.5	7
2	6	4	17	9.5
2.5	7	5	21	12
3	9	7	25	14
3.5	10	8	29	16.5

P₂O₅ (Phosphate) Use this many pounds of one of these products per 1,000 sq ft.

If your recommendation says:	Triple superphosphate (0-45-0)	Hi-Yield Bone Meal (0-10-0)	Super Phosphate (0-18-0)
0	0	0	0
0.5	1	5	2.5
1	2	10	5.5
1.5	3	15	8
2	4.25	20	11
2.5	5.5	25	13.5
3	6.5	30	16.5
3.5	7.5	35	19

Use this many pounds of this product per 1,000 sq ft.

K₂O (Potash)	Muriate of Potash (0-0-60)
0	0
0.5	1
1	1.5
1.5	2.5
2	3
2.5	4
3	5
3.5	6
4	6.5

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