



Calculate Total Pounds Fertilizer per Acre Based on Nitrogen Need

- 1) How many pounds of Nitrogen are you using? _____
- 2) What type of fertilizer are you using (N-P-K) ? _____N - _____P - _____K
For example: 12-24-12, 15-15-15, 18-8-18, etc.)
- 3) Calculate Total Pounds of Fertilizer Required per Acre:
Total lbs of N from line 1 divided by (N in line 2 x 0.01) = _____ Total Lbs. Fertilizer
- 4) How much Phosphorous (P) and Potassium (K) is this?
P: Total lbs from line 3 x (P in line 2 x 0.01) x 0.44 = _____ Total Lbs. P
K: Total lbs from line 3 x (K in line 2 x 0.01) x 0.83 = _____ Total Lbs. K

Example:

If you were targeting 30 lbs. of nitrogen and using 12-24-12 (N-P-K)....

Total Lbs: 30 lbs. N / (12 x 0.01) = 250 lbs total fertilizer

P: 250 lbs fertilizer x (24 x 0.01) x 0.44 = 26.4 lbs P

K: 250 lbs fertilizer x (12 x 0.01) x 0.83 = 24.9 lbs K



Calculate Total Pounds of Each Element Based on Total Pounds of Fertilizer Applied per Acre

- 1) What are the total pounds of fertilizer per acre to be applied? ____
- 2) What type of fertilizer are you using (N-P-K) ? ____N - ____P - ____K
For example: 12-24-12, 15-15-15, 18-8-18, etc.)
- 3) How much Nitrogen (N), Phosphorous (P) and Potassium (K) is this?
N: Total lbs fertilizer from line 1 x (N in line 2 x 0.01) = ____ Total Lbs. N
P: Total lbs fertilizer from line 1 x (P in line 2 x 0.01) x 0.44 = ____ Total Lbs. P
K: Total lbs fertilizer from line 1 x (K in line 2 x 0.01) x 0.83 = ____ Total Lbs. K

Example:

If you were going to apply 400 pounds total fertilizer per acre of 12-24-12 (N-P-K), how many pounds of each element would you have?

$$\text{N: } 400 \times (12 \times 0.01) = 48 \text{ lbs N}$$

$$\text{P: } 400 \times (24 \times 0.01) \times 0.44 = 42.4 \text{ lbs P}$$

$$\text{K: } 400 \times (12 \times 0.01) \times 0.83 = 39.8 \text{ lbs K}$$