How much do I apply?

N - P - K (eg.16-6-8)

Write in your analysis  □ - □ - □ % (of NPK)

1) \( \frac{1}{2} \) the number above = □ - □ - □ Lbs of NPK in a 50# bag
   Pounds of NPK ai (active ingredient) in a 50# bag

2) \( \frac{50}{□} \) Pounds of N from above = □ pounds of Product Per 1,000 SqFt

3) Calculate the area that you have. Width x Length.
   Width □ x Length □ = □ Area to fertilize

4) □ x □ = □ pounds of material needed to cover area
   Move decimal point 3 places to the left.
   (1000 sqft = 1.000)
   (850 sqft = .850)
   Lbs of product per 1000 sqft. (results of step 2)

5) Quick Release fertilizers (no slow release) usually need 1 lb of actual nitrogen per 1000 sq ft. Most Controlled Release fertilizers recommend 1 \( \frac{1}{2} \) lbs of actual nitrogen per 1000 sq ft. Multiply the results of step 4 by 1.5 to determine how many pound of product to use to get 1 \( \frac{1}{2} \) lbs of actual nitrogen. (eg. 25-5-5 = 4 lbs of product to get 1 lb of actual N, thus: 4 x 1 \( \frac{1}{2} \) = 6 pound of product to get 1 \( \frac{1}{2} \) lbs of actual nitrogen).
   For Slow Release □ x □ = □ lbs per 1000 sq ft.
   Lbs of ai N/1000 sq ft (eg. 1.5)