

Traveling Big Gun Calibration Checklist

Calculated Method

1. Travel Speed in Feet Per Minute _____
2. Length of Pull _____ ft.
3. Width of Spread Diameter _____ ft.
4. Length _____ X Width _____ = _____ ft²
5. _____ ft² divided by 43,560 ft² = _____ acres covered in one pass.
6. Average inches in all 5 buckets = _____”
7. Area covered in one pass _____ acres divided by inches from
_____ buckets _____ = _____ ft³ of manure applied.
8. Cubic feet of manure _____ ft³ multiplied by 7.5 gallons = _____ ***total gallons applied.***
9. A sample from the buckets can be drawn and sent to an analysis lab for N content.
10. Total gallons applied _____ gallons multiplied by _____ pounds of Nitrogen divided by 1000 gallons = _____ pounds of N applied.
11. Divide pounds of N _____ by the amount of acres applied per pull acres _____ covered in one pass. = _____ pounds of N per acre.

12. Pump rate per minute

13. Length of pull _____ ft. divided by travel speed _____ ft. per minute = _____ total minutes.
14. Divide the total gallon applied _____ gal by total minutes pumped = gallons _____ per minute.