

20-0-0

AMMONIUM NITRATE SOLUTION

1. Composition:

Total Nitrogen (N)	20%
10% Ammoniacal Nitrogen	
10% Nitrate Nitrogen	
2. Weight per gallon at 68°F (20°C) 10.53 lbs.
3. Pounds nitrogen per gallon 2.11
4. Gallons per ton 190.0
5. Pressure 0 at 60°F
6. Volatility None
7. pH 6.5
8. Salting out temperature 42°F

9. **Materials of Construction:**

Aluminum, stainless steel and certain fiberglass products are good for storage and applicator tanks.

10. **Compatability:**

Compatible with 8-24-0, 9-30-0, 10-34-0, and potash solution, in making up complete liquid mixes.

11. **Uses:**

- (a) A fast acting source of nitrogen in itself for direct soil application or use through irrigation water.
- (b) For combination with phosphorus solution and potash solution in complete liquid mixes.

12. **Advantages:**

Double acting for both instant and sustained feeding. Of the 20% nitrogen, half (10%) is in the nitrate form, mobile and instantly available. The other half (10%) is ammoniacal nitrogen, which fastens itself to the clay particles in the upper soil layers and stays put. It is then gradually changed by bacterial action to the nitrate form.

13. **Safety:**

Normal precautions for working around concentrated solutions. Note the high salting out temperature of this 20% solution.