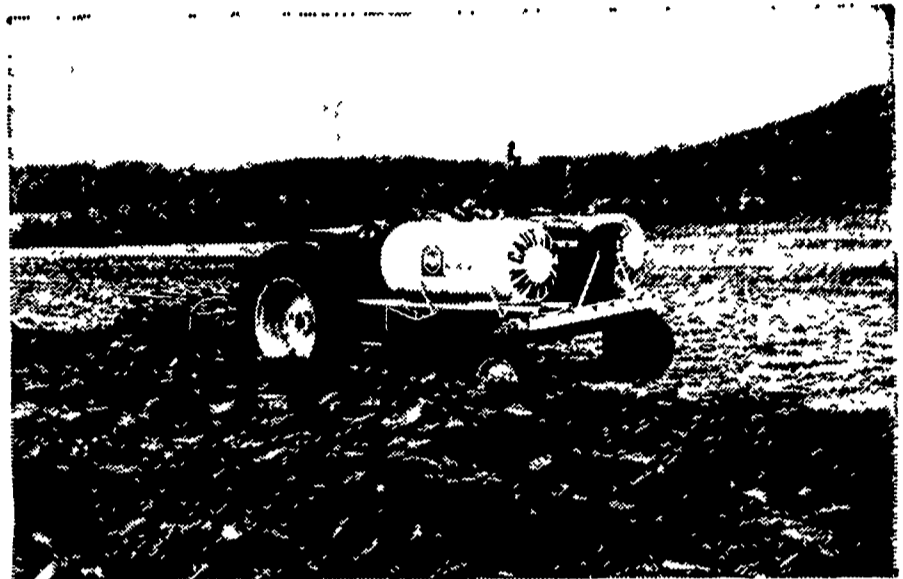


Direct application with anhydrous ammonia is as easy as:

ONE!

Anhydrous ammonia (chemical formula NH_3) is the most concentrated form of nitrogen fertilizer and has many advantages because of its economy and versatility.

Production of all other nitrogen fertilizers begins with anhydrous ammonia. NH_3 is 82% nitrogen. Anhydrous ammonia is a colorless gas at normal temperatures and pressures, but is kept under enough pressure to hold it in a liquid form while stored or being handled.



TWO!

The trend is to plow down anhydrous ammonia or apply it in conjunction with other tillage operations. This can be done by attaching ammonia tanks to the tractor. It may also be applied with a regular applicator. Anhydrous ammonia gives excellent results in fall application and early spring preplant application because of its non-leaching characteristics. NH_3 is also applied effectively in side-dress application to growing crops. Ammonia can be readily applied even in cold weather. Anhydrous ammonia applied in the fall when soil temperatures are below 50° F remains in the non-leaching ammonium form all winter. It immediately starts decomposing residues and releasing other plant food.

THREE!

The ammonium ion of nitrogen is readily available to growing crops the following year. Some plants actually prefer the ammonium form of nitrogen. When soil temperatures rise to 60-70° F or higher, bacteria converts ammonium to fast acting nitrate nitrogen — readily available to plants. This conversion of ammonium to nitrate results in increased availability of many essential nutrients. NH_3 applied in the fall supplies the large amounts of N needed during early growth periods. You're on your way to greater yields and profits with direct application anhydrous ammonia.



Trailer Applicators

Available on a rental basis from your Complete Service Co.

CALL

ORGANIC PLANT FOOD CO.

392-4963 or 392-0374



Anhydrous Ammonia

ORGANIC PLANT FOOD CO.

Grofftown Road, Lancaster, Pa.

Ph. 392-4963 or 392-0374