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TVA CONCENTRATES FERTILITY SOURCE

Develops a Superphosphate
Designed to Restore Millions
of Acres to Arability

LOWER COST TO FARMERS

Use of This Plant Food Lets
Nature Help Fight Erosion,
Dr. Morgan Explains

MUSCLE SHOALS, Ala., April 17 (AP).—The Tennessee Valley Authority announced today developments in concentration of phosphatic fertilizers which hold promise of enabling farmers to halt erosion and restore fertility on millions of acres.

By reducing the cost of phosphorus to farmers, it is expected to make possible greater use of this mineral plant food, deemed essential by TVA agriculturists to a sustained agriculture.

The Authority is building a full-sized unit for experimental production of a new concentrated phosphatic fertilizer containing about 28 per cent phosphorus available as plant food.

This is nearly four times the concentration of commonly used 16 to 20 per cent superphosphate, which ordinarily contains less than 8 per cent elemental phosphorus. The 16 to 20 per cent refers to phosphorus pentoxide, " P_2O_5 " in fertilizer terminology.

Cutting Transportation Costs

Manufacture of elemental phosphorus is a step in the production of TVA concentrated superphosphate. It may, however, be of value in of the resour Mon



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