

# SOYBEANS

*A good legume  
crop ~ borrowed  
from the Orient*



## Digest

**Soybeans, as an emergency hay crop,** provide one of the best substitutes for clover or alfalfa hay for all kinds of livestock. Page 5

**Ground soybeans and soybean cake** furnish excellent home-grown high protein concentrates to balance rations for livestock. Page 6

**Corn and soybeans planted together** are taking a regular place on many farms. In Wisconsin the most popular use of this combination is for silage purposes. Page 7

**"Hogging-off" and "sheeping-off"** corn and soybeans is becoming more and more a common practice in parts of the state. Page 8

**As a cash crop, soybeans rank high.** As with other crops, yields depend upon soil and weather conditions. Page 10

**Soybeans are adapted to wide range of soils,** moisture and temperature. Therefore, nearly every farm can use soybeans. Page 12

**Inoculation adds life to both soil and plant.** Large increases in nitrogen content and in yields of seed and hay are a result of inoculation. Page 16

**The frequent use of harrows and weeders** in controlling weeds and breaking up hard surfaces means larger crops, fewer weeds and lower costs. Page 20

**In curing soybean hay,** as with other legumes, care must be used in saving as many leaves as is possible. Putting the hay into small cocks, or windrows soon after cutting makes curing easier. Page 22

**Cutting and threshing soybeans** is not especially difficult, and for small lots no special machinery need be purchased. Page 24

**Selection of the proper variety** for a known type of soil is important because there are many varieties to choose from. Page 27

## Soybeans—A Good Legume Crop

R. A. MOORE, E. J. DELWICHE AND G. M. BRIGGS

**E**CONOMICAL feed production is essential to profitable livestock farming. Soybeans supply home-grown, high-protein feed, an urgent need on the farm, and they produce high yields. Therefore, they are an economical feed.

Soybeans, being a legume crop, improve the fertility of the soil because of their ability to fix nitrogen from the air. Thus they help to maintain a balanced soil fertility, which results in a high level of land productiveness.

On the poorer soils farm profits can be increased materially by building up the organic supply of the land. Soybeans fitted in a

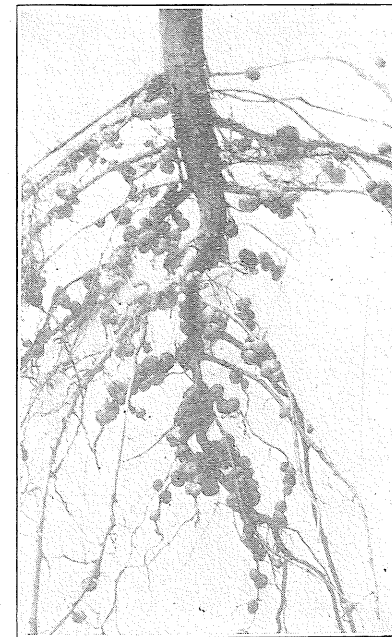


FIG. 1.—SOYBEAN INOCULATION HELPED

Inoculation is essential in securing maximum tonnage high protein hay, and nodule development. The uninoculated plants, besides being smaller and showing no nodule development, were yellow and sickly appearing.

proper rotation are one of the best crops for the purpose.

Soybeans are so adaptable to different conditions and lend them-