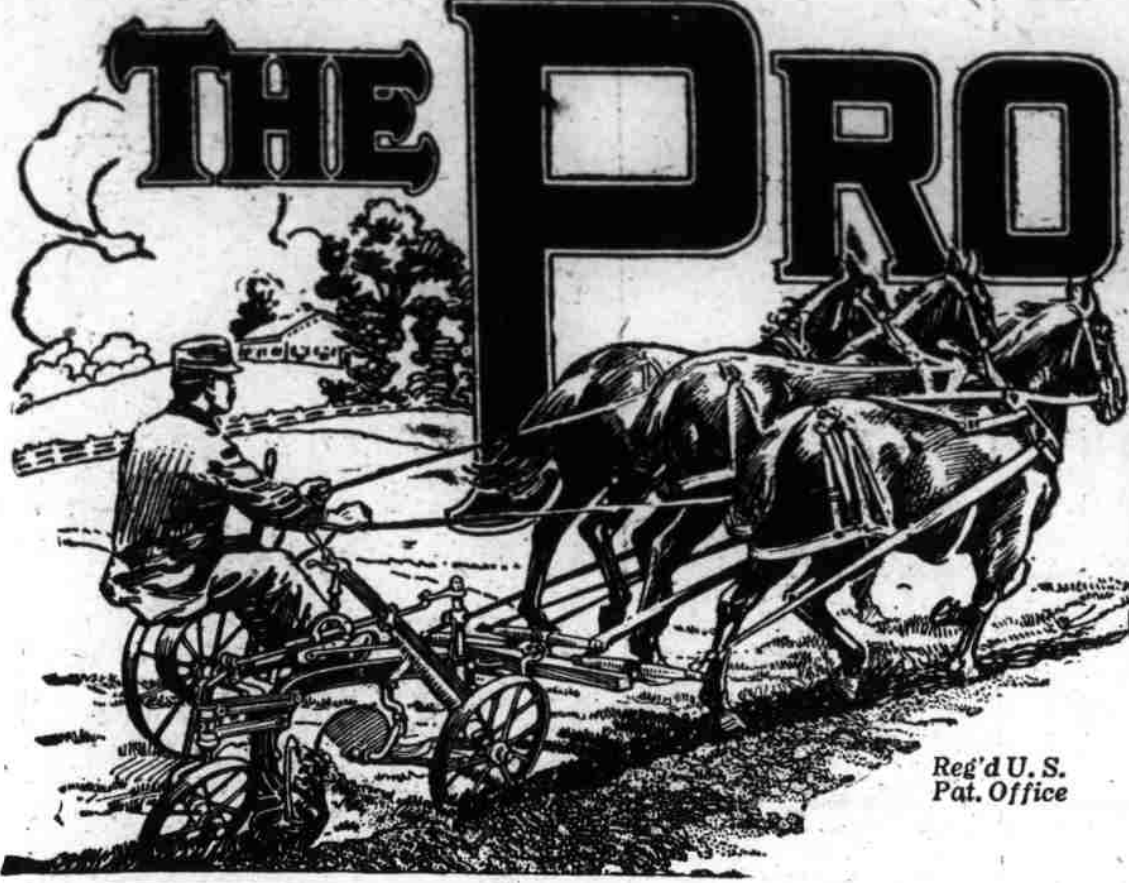


# THE PROGRESSIVE FARMER

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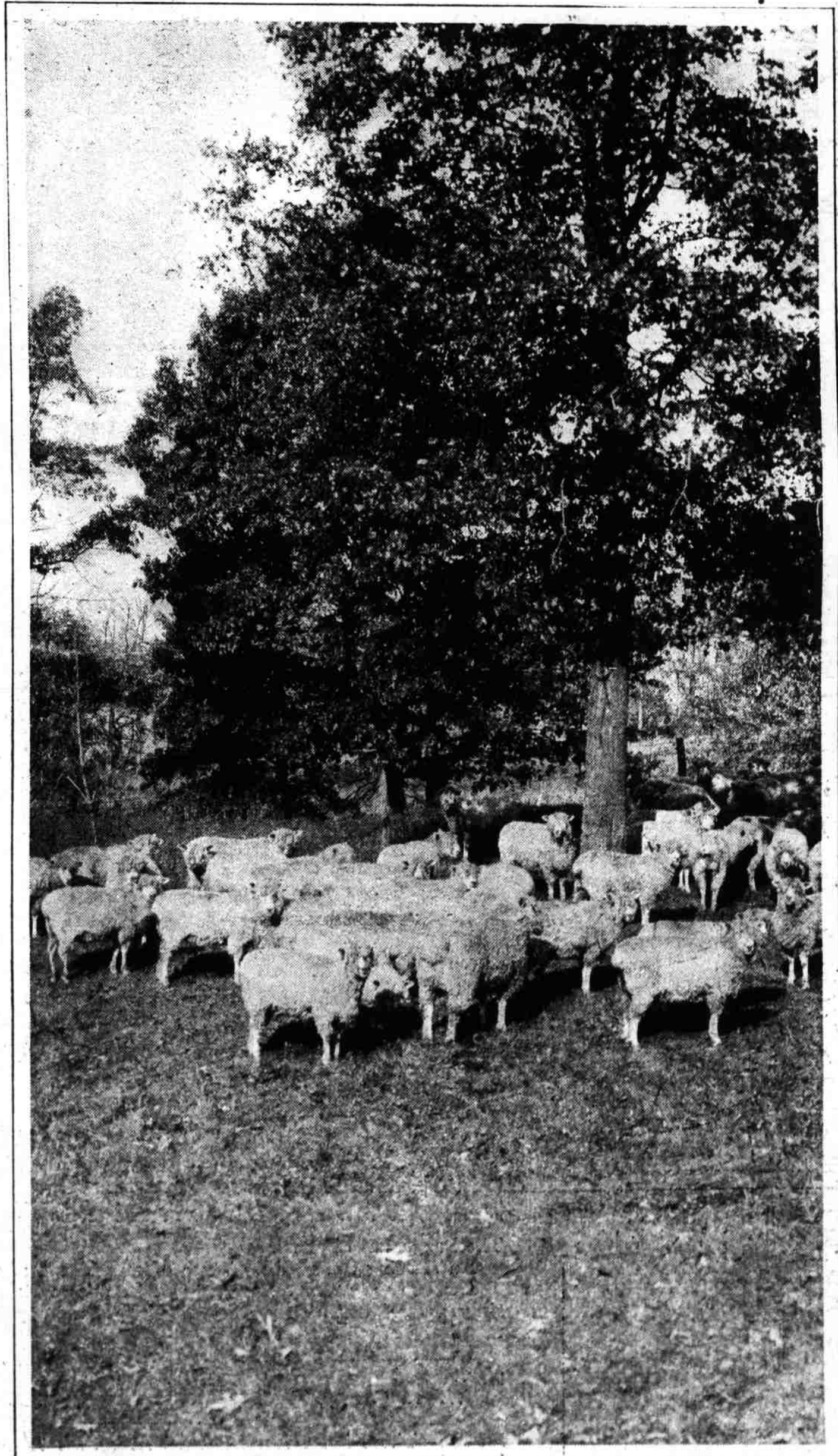
## Nitrogen the Great Plant Food Need of Southern Soils

NOT long ago we were inspecting a piece of poor hill land in cotton. One hundred pounds per acre of nitrate of soda had been given this cotton in the form of a side-dressing, but one row through the middle of the field had received none of the soda, though it had gotten acid phosphate at the rate of 200 pounds per acre along with the rest of the field. A count of the matured bolls on the row that had had the soda showed 99 in ten steps, against 38 on the row alongside that got no nitrate of soda, or an increase of more than two and one-half times.

What was true in this case will, we believe, be found true on most lands of the South, the exceptions being limited areas of bottom lands or fresh lands that have not yet been depleted of their nitrogen. Over three-fourths of the South, in our opinion, nitrogen is the limiting factor in crop production.

But the use of commercial nitrogen in any form is seldom the most economical procedure. Nature has put thousands of tons of atmospheric nitrogen over every acre of our farms, and by using peas, beans and clovers large quantities of this may be brought down and stored for the use of future crops.

This month and next, hundreds of thousands, yes, millions of acres of crimson clover should be planted in the Cotton Belt, for as a winter nitrogen-gatherer it has no superior. Not only this, but it covers the land and saves the plant foods already in it. Will *your* acres remain bare this winter, or will you cover them with a carpet of life-giving green?



WITH RECORD PRICES FOR MEAT AND MUTTON, SHEEP ARE AN ATTRACTIVE PROPOSITION

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