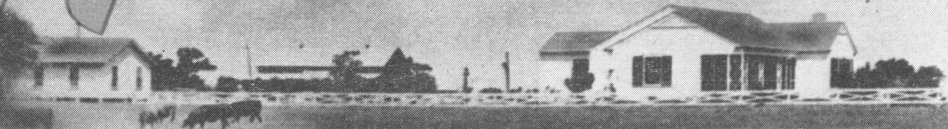
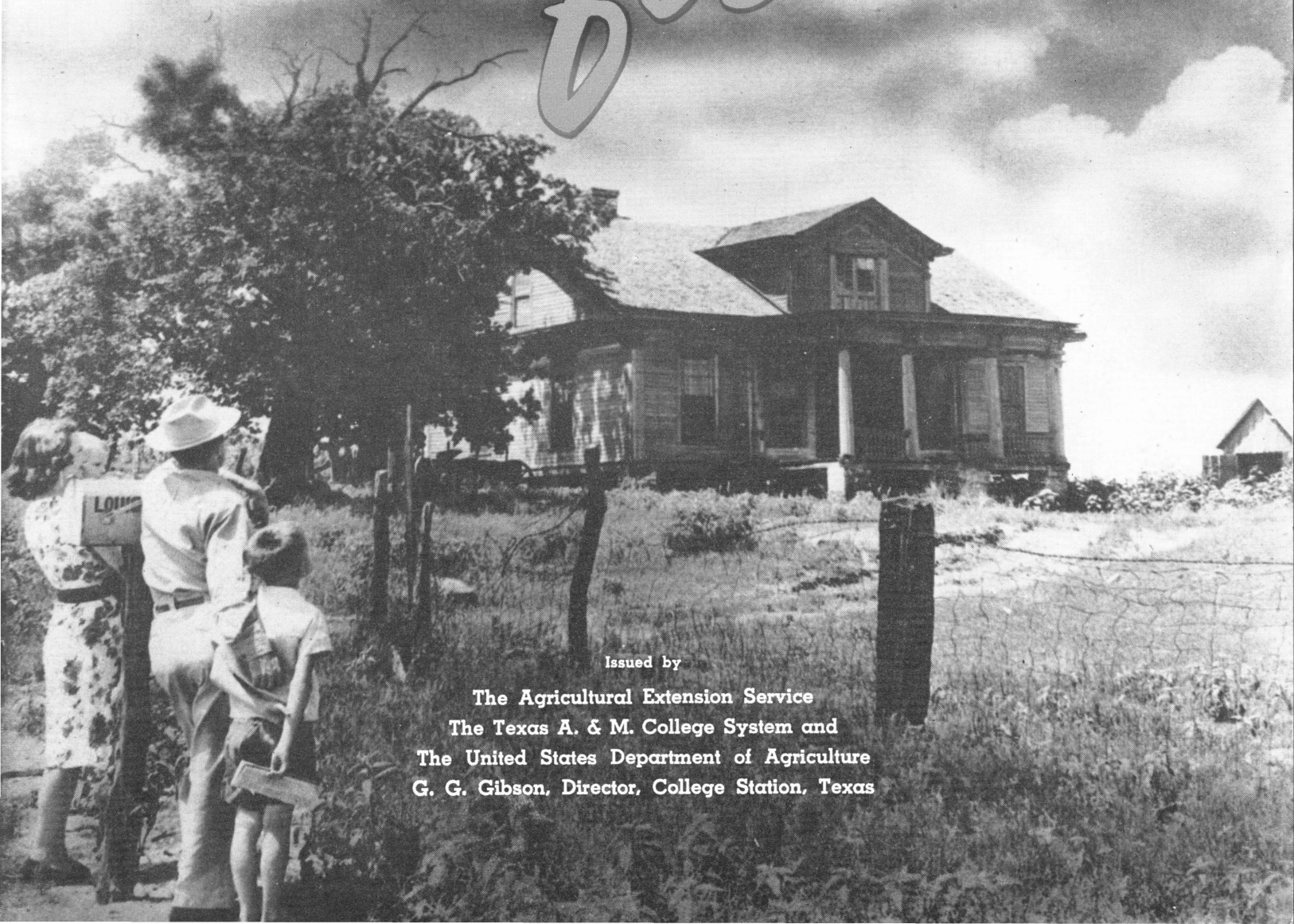


B-185

New Farms



for Old

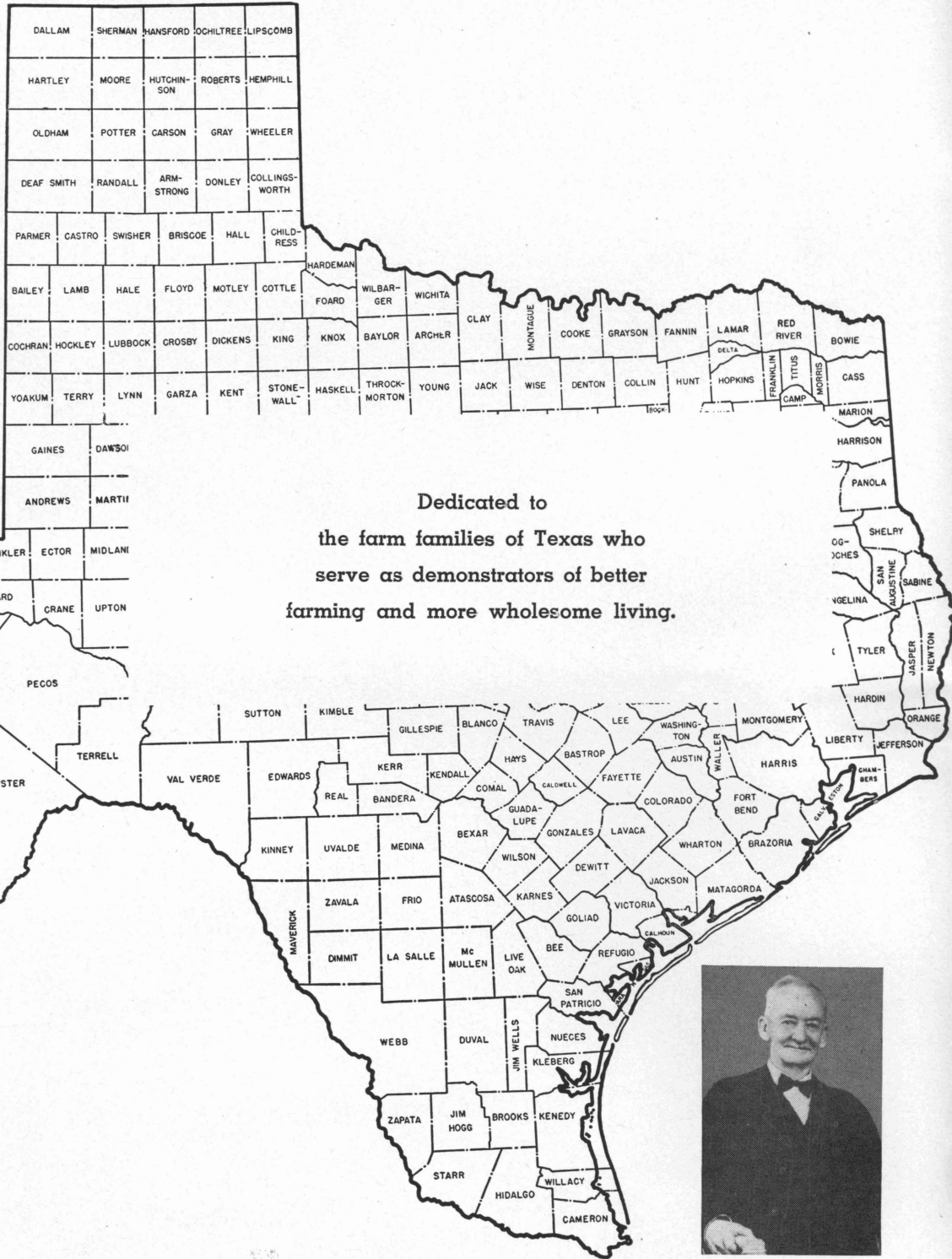


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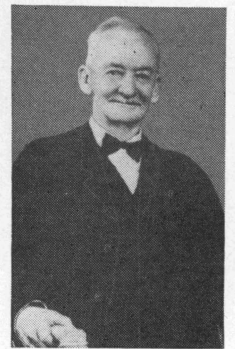
The Agricultural Extension Service
The Texas A. & M. College System and
The United States Department of Agriculture
G. G. Gibson, Director, College Station, Texas



Dr. Seaman A. Knapp
 father of the
 Demonstration Method
 of teaching



Dedicated to
 the farm families of Texas who
 serve as demonstrators of better
 farming and more wholesome living.



Walter Porter . . .
 the first demonstrator
 in Texas

NEW FARMS FOR OLD

It Might Have Happened This Way —

Charlie Jones kept watching for the mail carrier. He wanted to see if the **Smithtown Weekly Mirror** had his ad right about the jersey heifers he had up for sale. He saw the mail carrier put the mail in the Bill Turner box down the road so he waited for him.

The carrier handed him his mail — the **Mirror** and two letters for Mrs. Jones — and Mr. Jones opened the paper on the classified page first thing. His ad was there, all right, and just as he'd turned it in.

Walking back to the house, another ad caught his eye, and he sat down on the front porch chair to read it.

- ORE 89.95
- E 34.95
- board 22.95
- da 37.50
- 49.50
- EE 16.95
- CKER 11.50
- 24.95
- 69.95
- 10.95
- 19.95

- 1—
- 1—kug. 25
- 4—Reg. 225
- Freezer Refg. 199.95
- Coolerator Refgs. 179.95

25% OFF on Domestic Sewing Machines . . . All Models!

Starts Promptly at 8:30 A.M.

16BX WANTED TO TRADE

New Farms For Old

We have an unlimited number of new farms to swap for old ones. Will trade on easy terms. TERMS: Proper use of soil, water, plant food, rotation, organic matter and tillage. Many months to pay. RESULTS GUARANTEED—Method will work for you 24 hours a day. BIG INCREASE in crop yields, food value of crops, pleasures of living.

Write Box B.

10h. Miscellaneous
OPEN SUNDAYS
9 to 5

10i. Diamonds, Jewelry

POWER MOWERS

Engagement ring and wedding ring \$100. GS-27926.
Ladies' 1 carat blue-white diamond set in platinum with smaller diamonds. \$875; also ladies' 1/2-carat diamond engagement ring. \$300. Sacrificing for quick sale. MO-6337.
14 DIAMONDS
Platinum wedding set. 65 perfect blue-white solitaire. 4 smaller diamonds. 7-diamond wedding band. Appraisal certificate. JA-8689; 9-5 week days.
Highest price paid for platinum, diamonds and solitaires. Greens. Beautiful diamond

sh. 1240
One water drill, phone, Texas.
For sale tractor with hogline and De Frater w/ tracks. Machine read. Bob Brennan, days; Nights MA-1971.
Buy-Sell-Trade. All machinery, working machinery, used. New production. Represent in area. Derby-King, Inc. 14 Street, WA-414.
Three dumb wait in operation, wheel each; original cost. Mr. Gortner. PAPPAS REFRIG. 600 LOUISIANA.
No. 5 Gisholt turret with motor and chuck. WO-9722.
For sale, 2 h.p. motor compressor unit and ice house. MU-6887.
For sale, Cletrac angle grinder. Excess \$1950. YU-1927, KE
J. Jabes and Burns, mixer and polisher, motors, 4 coffee hopper coffee roaster, Sell bidder. Reid-Murdock, marts. CE-9186.
For sale, slightly used heavy duty floor med. drill press. MA-3232.
Contractors and machine. For sale, air tools, all kinds, threading, all kinds; machinery, hand tools, welding machines, both and gas driven. Concrete. Plumbers tools, electric. Some material. Lots more and is all good. going out of business plus. WO-9451.
Sand blasting equipment automatic screen, collector, Chicago mv. compressor. 2308 Conel.
Machine shop for sale, business with oil compressed (seasonal) is available. Will maintain if desired. MT-7181. MU-031.
200 amp Lincoln welder mounted on 2-wheel trailer with cutting only by owner of Taylor, P. O. Box 4.
For sale, 3 used tractors with bull dozers and power. Bob Brennan, days; MA-1971.
For sale or trade, offset department store cash 60 phase motor. motor, good LONG DRIVE PRESS.
For sale water

"Some kind of catch to this," he said to Mrs. Jones when she came out on the porch. He read the ad to her. "Listen to that! A new farm for our old one. What kind of talk is that? Anyhow, our place is the best there is around here!"

Then, sitting there in the old porch chair he began to think about it. His cotton yields had been going down lately, but there are more bugs, too.

Corn used to make 40 bushels nearly every year. Now it seemed like drought set in right at tasseling time.

Pastures used to stay green longer. Ten years ago I wouldn't have had to sell those heifers for lack of grass. Maybe the weather's changing. But maybe not!

Right here in the paper is another one of those pieces the county agent is always putting in about somebody making more corn and cotton and running more livestock than he used to. This time it's Bill Turner down the road. Well, maybe his land always was better'n mine!—

No, that isn't so. I used to beat him nearly every year. And he gets the same dry weather and bugs I do.

I'm going to town Monday anyway. I'll just go by and see if the county agent knows anything about this ad. It must be a joke somebody is trying to pull.

* * *

"It's like this, Mr. Jones," the county agent said. "It's not a joke, exactly. That ad was put in our paper by a national organization that is worried about what's happening to our soil. They want us to do something about it. You see, we're finding out that soil conservation alone . . . I mean, just holding the soil where it is . . . isn't enough. It might have been enough several years ago when the land was still new. Now that the land is tired and washed away, conservation is not enough. On much of our land we now have a soil building job on our hands.

"The way it works now is this: A farm just plain has to be rebuilt. Some farms will need less rebuilding than others. Like yours . . . it's in pretty good shape and if you want to trade it for a new one, the "payments" will be pretty low. Some farms are so far gone that the cost of bringing them back is almost out of sight."

"But your place . . . you've already got it terraced about right, so it's been holding its own except for what the crops have been taking off. Then if you used legumes and fertilizers to rebuild the soil and worked out a crop rotation to keep it that way, you'd trade your farm for a new one right on the place where you've been living all the time. I know it sounds kind of funny, but that's the way it has worked out for the Bill Turner family and other families who have served as demonstrators."

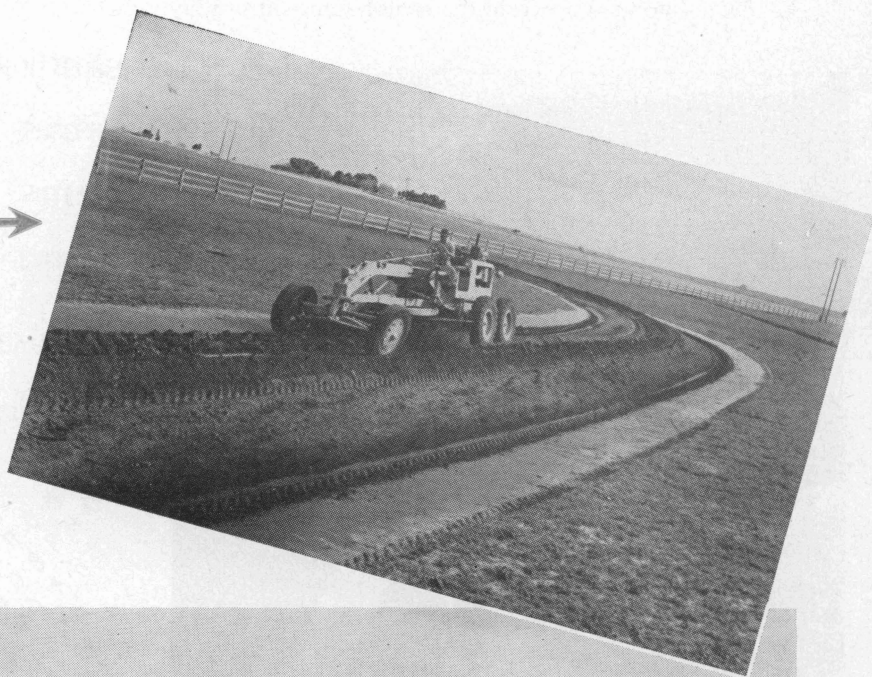
"Take this legume business. Somebody told me you'd tried some winter legumes a few years ago and they didn't do much. I've been planning to come by your place and ask you about that. Tell you what . . . you said you read the piece about Bill Turner's demonstration in last week's paper. Bill and his family have been carrying on a farm unit demonstration for three years. His land is about the same as yours. Can you and Mrs. Jones come over to the Turner place for our farm and home tour two weeks from Wednesday? We're having a community-wide get-together to look over the demonstration. You'll see an announcement about this tour in next week's **Mirror.**"

"Then whatever you see that has been successful on the Turner place, I wonder if it will work on your place?"

What Mr. and Mrs. Jones Saw when they visited the farm and home of Mr. and Mrs. Bill Turner was the complete story of trading an old farm for a new one . . . they saw it on the Turner place and they could have seen similar demonstrations on other farms and ranches in all communities of Texas . . .

The first step - - -

—is to terrace the
sloping cropland



—to make water **walk off** instead of **run off**

When The Rains Fail - - -

—we've got to add the water some other way.



← Underground and surface water
supplies must be drawn on . . .

. . . to add water
to our growing crops →



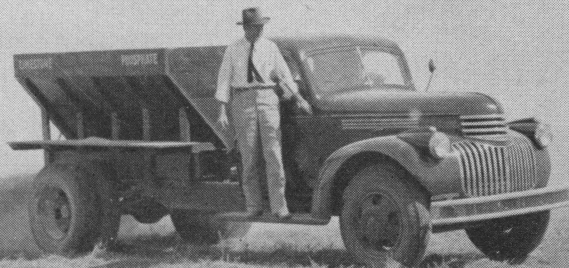
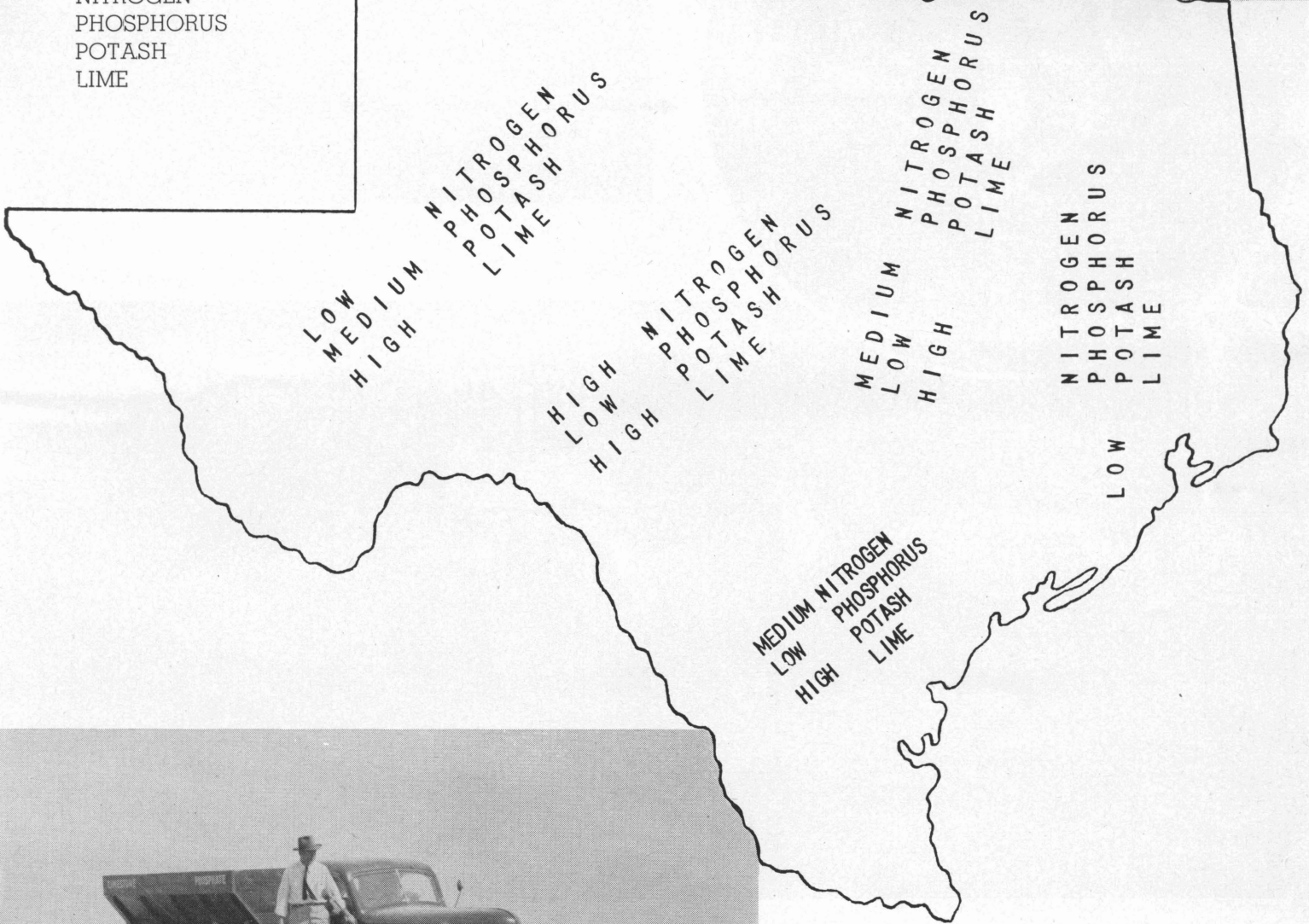
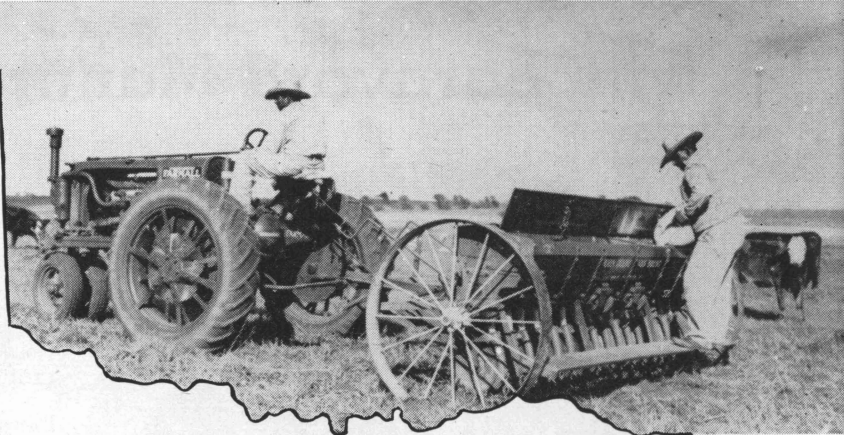
"Feed The Land and Fatten The Crops" - - - with Fertilizers and Lime

Applying fertilizer to "fatten" grasses and legumes

Major Plant Foods Needed to Fatten the Crops:

NITROGEN
PHOSPHORUS
POTASH
LIME

MEDIUM NITROGEN
LOW PHOSPHORUS
HIGH POTASH
HIGH LIME



Applying lime and acid soils to strengthen and "fatten" the grasses and legumes

Feed The Land and Fatten The Crop - - - with Barnyard Manure and Crop Residues



There's just no doubt about it . . .
if you have barnyard manure, the best place
for it is on that pasture land or on the
cropland . . . as fast as you can get it
there

← Organic matter . . . the life
of the soil



Life and strength for the next crop will come partly from previous crop residues

"Feed The Land and Fatten The Crop"--- with Soil Building Legumes



Land properly fed will grow these legumes . . . organic matter is the **life** of the soil. Turning under legumes is one of the best ways to get this **new life**.



Hairy vetch . . . phosphate on entire field;
Right—no lime, left one ton lime per acre.
Two tons lime per acre in background.

Austrian winter peas
. . . wherever you live there is a good
legume that will help you build up your
soil. To make any legume grow, you have
to inoculate and add phosphate or, on
some soils, potash and lime, too.



Hubam clover fits two-thirds
of the state—"Fattens" both land and
livestock.

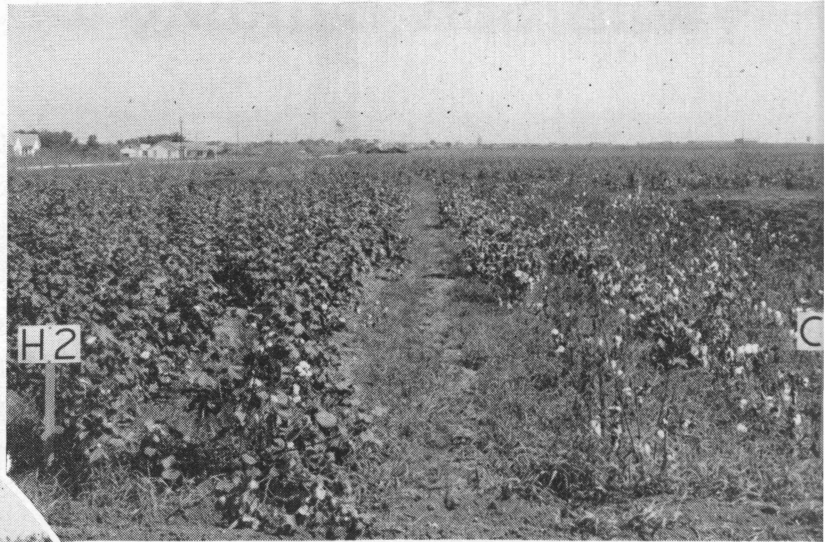


Land Sometimes Gets Sick ---

And to cure it we must rotate the crops. Included in this rotation should be a soil building legume.

To reduce root rot . . .

Cotton following hubam clover at left. Cotton following cotton at right.



To build the soil . . . alfalfa three years, corn or grain sorghum and cotton, one each year, then back to alfalfa.



To rest the land . . . sericea lespedeza meadow— a good hay and pasture crop and a good soil builder.



Now the Jones' saw that the farm unit demonstration boiled down to a few simple facts:

A New Soil, Properly "Fed" Means "Fat" Crops - - - Like These

On the right, corn properly
fertilized . . . left, check plot.



. . . . White (Dutch) clover and grass
mixture—an ideal pasture.



"Fat" cotton



A New Soil Means More



← Beef cattle . . . grazing on what was once a worn-out cotton patch . . . now a productive pasture.

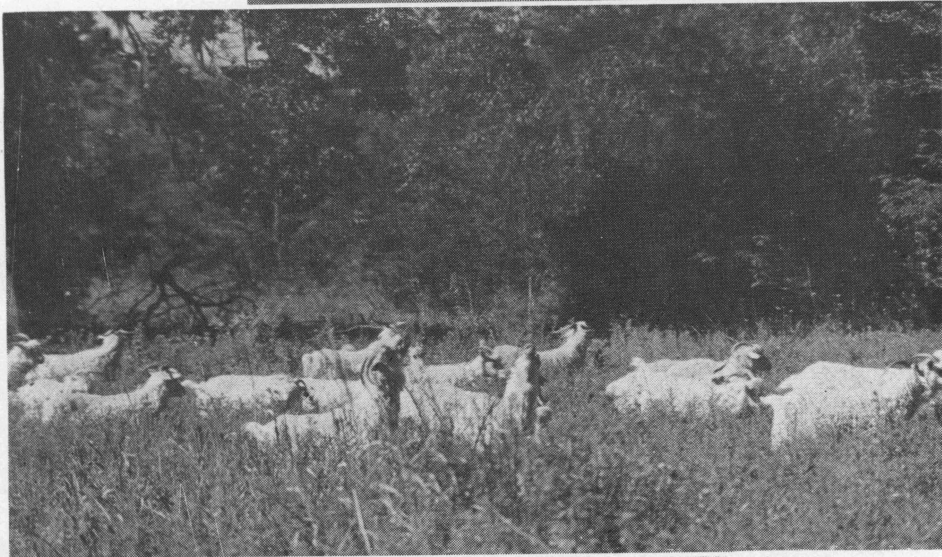
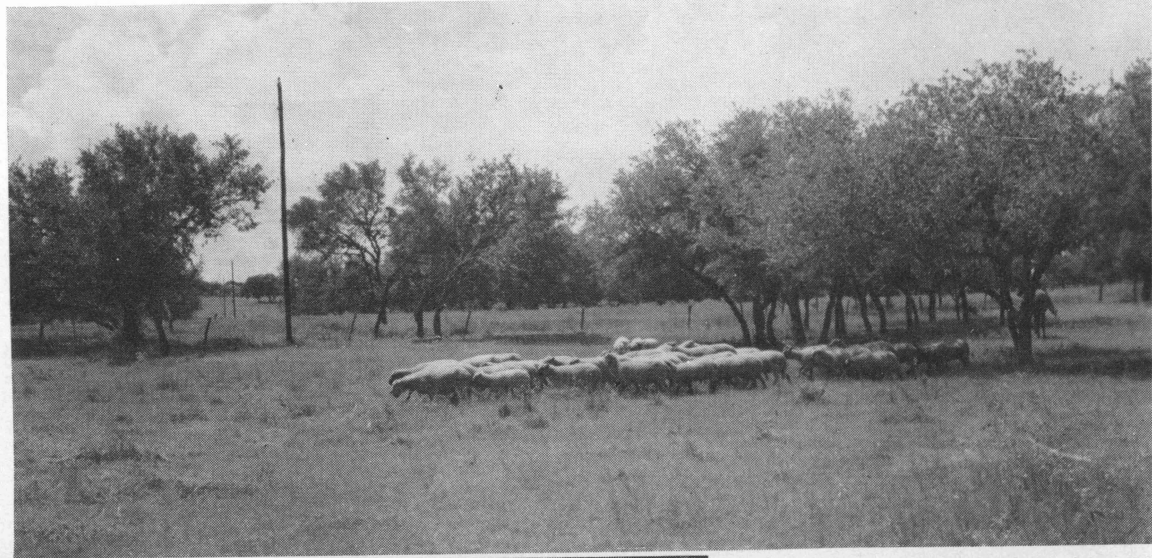
Legumes — grasses — fertilizer — good management — trading old land for new!

Dairy cows . . . nothing helps the pocketbook more than fertile pastures for dairy cows. These cows are getting a large part of their minerals, protein and roughage from this high mineral pasture of sudan grass. →



And Better Livestock

Good land produces top quality sheep . . .
Sheep improve the pasture by controlling weeds.



Good land and good goats make first rate mohair . . .

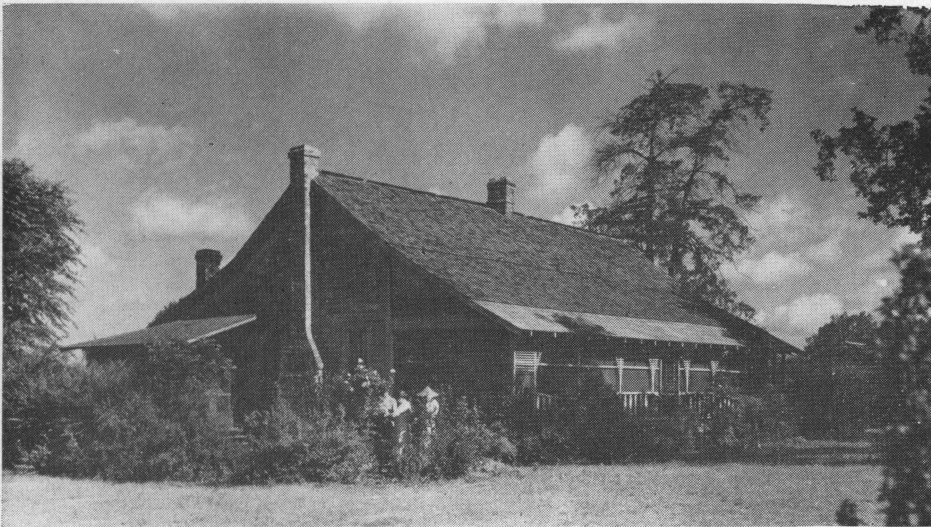


Goats improve the pasture by controlling brush.



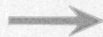
Good land — good grass — good breeding hogs help to balance the farm program.

A New Soil Means Prosperous Farming and Better Living - - -



← More livable homes . . .

Better health because of
higher quality food to eat . . .



Greater happiness . . .



Farming that pays off . . . enjoyable living . . . that sounded good to the Jones' it sounded mysterious and unreal at first, because good farms don't spring up all at once. No, profitable farming is the outcome of long-time planning and of practicing the best known methods. The Jones' realized this . . . and they knew what their first step would be. Next week they would ask their neighbors, the Bill Turner family, to help them work out a plan for getting a new farm for their old one. New farms for old How about it? Would you like to trade?



“Ask Your County Extension Agents”

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Texas A. & M. College System

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