the soil. In this section of country, harrows or the spring-tooth to work over huvariably seeme to do well, own in the eariy spring on wintersown wheat and oats. While I have much preparation and attention was given to mammoth clover, there would be as much good obtained from it, more in a greet many cases.
The cost of seedtng at present prices is quite an item. Peas and soy Deans are quite high per acre to sow, and while both are good, you may obtain equally as good results from the elovers, at less expense and time for sowing.

I have observed that the leading farmers of thís section always have a number of clover fields on-their farms, which is evidence that they know the value of it. of course there are sections where clover will not grow so well, but by the application of a small quantity of lime per acre I think the diffculty could be overcome if the other proper preparation is given.
Johnson City, Tenn

## A DOZAEN GOOD RESOLUTIONS.

$\mathrm{T}^{\text {HIS year } 1 \text { desire to produce as }}$ 1 muich as possible of what we consume on our own farm. I have made the following resolations:

1. That I will raise one or more good colts.
2. That I will raise hogs for meat and some pigs to sell.
3. That I will keep at least 40 good hens.
4. That I will raise sweet and Irish potatoes and turnips, plenty to do and more.
5. That I will ralse peanuts and popcorn for home ưse
6. That I will raise an abundance of garden stuft to do in season and to can for winter.
7. That il will raise enough sorghum for my use and for my hands next year.
8. That I will raise some good milk cows.
9. That we will can and preserve a bountiful supply of fruit and ber ries of every kird for home use.
10. That I will have turnips and greens till freeze kills them next winter,
11. That I will raise an abundance of oats, hay and corn for my own use.
12. That I will then raise all the cotton that I ean to sell, by preparing the land well and by thorough shal Iow cultivation. T. F.BARTON.

Sherman, Miss.
GOOD FARMENG IN THE VALLEX of virginia.
CROPS to be produced are first in 0 our mind, and the machinery es ential for the preparation, cultivation, and gathering of these at the minimum cost is best.
We of the Valley of Virginia, whose business is mixed farming and stock raising, jook to our horse-powor first. These are generally draft mares, to give us colts, and to handle the machinery necessary for the growing of crops.
The essentials are many. A few essentials are: good work stock, the best of implements and the best of seed. These call for barns to house teck machinery and the products of the farm.
Commencing with the year and following it month by month, you can see on our farms much of the latest machinery at work. The best days of January, the 100 -bushel success manure spreader, the cost of which is smail, compared to its use fulness; better daye wir bring out the Syracuse rlding plow, leaviag each day two or more acres of mont turred for corn. After thil plowing follows closely the sping-tooth hair row, leveling and putyoriatis, and maling ready for the tio-fhah dint to

Superior drill, should crops need fertilizing.
should this be easential for corn (and it-is on most lands), we will use 200 pounds .16 per cent acid Dhosphate and 25 pounds miriate of potash We are now ready for the corm plantor, and ar to 12 aeres is planted.
Light tools have their place and are essential to economical working of crops. The weeder, or the Thomas harrow are good to go over corn or other crops. These kill many weeds, stop moles from burrowing, and the crops come faster. Riding cultivators for corn and potatoes, work six acres per day One man and two horses will do the work of three men and three horses with the small cultivators.

In June Wood's big six-foot mower is working. The alfalfa hay harvest is on. Follows the hay tedder picking and lifting the alfalfa so the wind and air can dry it out, and here we save the damage of hot sun or rains. The hay rake follows, with men and teams, and all are busy.
McCormicks big binder is $\mathbf{O} . \mathrm{K}$. and the wheat harvest will seon be of the past. These are busy days, for Mr. Farmer, men, horses and machinery must be at their best. Tim othy hay to make, wheat to be put in barns, cultivation of crops, and gain, that never-ending alfalfa is to make the second time. Alfalfa makes four crops with us.

I will tell you some time how we railed and how at last I succeeded Throughout the year we have had use for heavy horses, good machinery and good men. The good men should be kept in good humor. The mplement part is no meager in vestment, and its care should be one of the main parts of farm manage ment. With these I believe our ands will be better when our work is finished.
A. P. YANCEY

## Elkton, Va.

WESTERN NORTH CAROLINA CONDITIONS.
THE trouble is in this part of the extreme western section of North Carolina that very few farmers read anything of any account. The fact is, that for some years, I was the nIy subscriber to the county pape at my office, but I kept up sueh strong insistence on the fact that every citizen who took any interes in his county's welfare and cared to know what was going on at home should take his home paper, that two others at this office became ashamed ogo on ignorant of affairs at home and sent for the paper. I am the (Continued on page 13.)

## Oyster Shell Lime

GROUND SHELL FOR POULTRY AND CRUDE SHELL

We have it in all its various drades in
 ciods equap to any znd superior to much
 to the ton. We make our own shells
therefore are in position to meet any lind of legitimate competition. By all means, write us before you bu yel ean certain) save you money. WiU contracts w wht deaters and responaible
farmers. who will hande farmers who will handle
more. Manutactured by
monins migennc orsisp co. NORFOLK, VA. Mignent Packers South. J. W. BROWN, İoker, TR

## AGREULIURAS GMM





Feed Your Crops Avallable Potash
Insoluble plant foods are elieap in the begiming but may be dear in the end. We feel good when we hear that the soil contains enough Potash to raise 5000 crops, but we feel tired when we discover that it will take 1000 years or so to make
it available. We will be converted into plant food ourselves long before that
POTASH The ncids derived from green manoro may Make insorable phosspbate of imme moro avail is less soluble in these coids than in the
siightily aikaline waters of the best soils. $A$ littlo soil Potash becomes avallable yearly, but not enoush to providio for proitabio crops. Crops have two periods ef Potash, hunger. Onc jast after Eormination and the otber
 German Kall Works, Inc.



## Ground Phosphate Rock

that has given the results that have
We are Better Prepared Than Ever Before
 boroer cour land
let wellell yout more about il.
CEITRAL PHOSPRITE COMPANY m. ransin, manesser

The Farin
ar ace of hilluturey

4s thebluti of all eood furnitie. Write tor pat-




## 30,000 TONS SOLD FOR SPRING SHIPMENT

WHEN last June we put in the best machinery in the phosphate field and through newspaper advertising intelligent farmer to the fact that we were offering a quality of GROUND PHOSPHATE ROCK which no other manufacturer could supply, we expected results, but the above has exceeded our most sanguine hopes.

## ARE YOU INCLUDED. IN THE LIST

of farmers who want the best ground 95 per cent, through 100 mesh, 80 per cent, through 200 mesh? If so, write us at onice.
CEDERAL CHEMICAL CO. COLEMIMA, TENNISSSEES.

## FARM EORDMANWANTED

 acodwares and board with