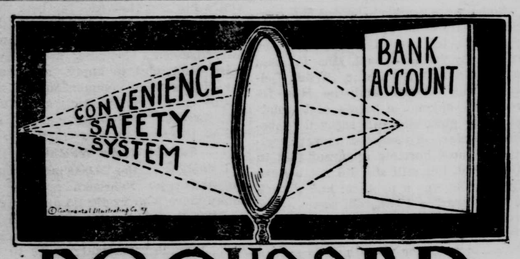
AMERICAN UNION

Vol. 63. No. 7. DENTON, MARYLAND, THURSDAY, DECEMBER 5, 1918. $1.00 Per Year



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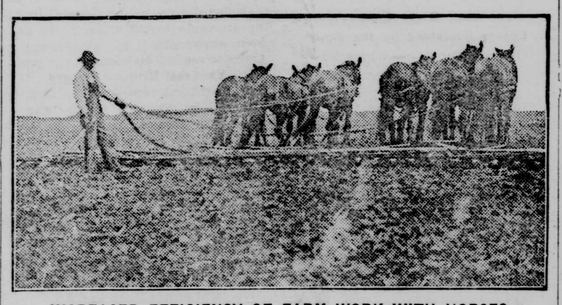
SAVE MAN LABOR BY USING MORE HORSES, LARGER IMPLEMENTS AND POWER MACHINES



INCREASED EFFICIENCY OF FARM WORK WITH HORSES.

(Prepared by the United States Department of Agriculture.)

In solving farm-labor difficulties, more horses, larger implements and power machinery play an important part. If two horses, which have been driven singly by two men, are combined into a team driven by one man, the efficiency of the horses is as great or greater than before, and one man's time is saved. The two-horse turning plow is in comomn use in all parts of the country but except on small farms it nearly always will be profitable to replace the two-horse plow by a larger one. Four horses can pull a two-bottom plow as easily as two can pull a single bottom of corresponding size. The two-bottom plow enables a farmer to do what is generally the heaviest work of the year with half the help that would be required if single-bottom plows were used. In hot weather or where the plowing is hard, five or even six horses will sometimes be necessary to keep the plow moving steadily and at a good rate of speed.

Plowing With Tractors.

Experienced tractor users say they can do just as good plowing with a tractor as they did with horses, or even better, and a three or four-plow tractor enables a farmer who has more plowing than can be done with the largest horse-drawn plow further to increase the amount of work which one man can do. One man with a three-plow tractor usually covers a little more ground a day than three men with single plows, and one man with a four-plow tractor does more than two men with two-bottom horse-drawn plows. The tractor works just as well in hot weather, and if desired can be worked 24 hours a day with two or three shifts of men—a big advantage over horse-drawn outfits.

The spike-tooth harrow is an implement of comparatively light draft, and sometimes it is possible to put an extra section on the average harrow, thereby increasing considerably the ground covered without the addition of any horses to the team. On farms where two two-horse harrows are used it is frequently possible to combine the two harrows, hitch the four horses as one team, and operate it with one man, thereby releasing the second man for other work.

Use of Disk Harrow.

The disk harrow, both single and double, is found in a wide range of widths, and for from two to eight horses. The use of a disk harrow drawn by two horses is not advisable unless only two horses are available for power and the amount of disking to be done is small. A four-horse disk does twice as much work as a two-horse disk, without the same expenditure of man labor.

The use of a gang plow drawn by four or more horses, and of big implements for harrowing, rolling and dragging, enables one man to prepare for planting in a given time practically twice as much land as would be possible if he used the traditional two-horse method.

U. S. HEALTH SERVICE ISSUES WARNING

Increase in All Respiratory Diseases After the Influenza Epidemic Probable.

Influenza Expected to Lurk for Months. How to Guard Against Pneumonia. Common Colds Highly Catching—Importance of Suitable Clothing—Could Save 100,000 Lives.

Washington, D. C.—With the subsidence of the epidemic of influenza the attention of health officers is directed to pneumonia, bronchitis and other diseases of the respiratory system which regularly cause a large number of deaths, especially during the winter season. According to Rupert Blue, Surgeon General of the United States Public Health Service, these diseases will be especially prevalent this winter unless the people are particularly careful to obey health instructions.

"The present epidemic," said Surgeon General Blue, "has taught by bitter experience how readily a condition beginning apparently as a slight cold may go on to pneumonia and death. Although the worst of the epidemic is over, there will continue to be a large number of scattered cases, many of them mild and unrecognized, which will be danger spots to be guarded against." The Surgeon General likened the present situation to that after a great fire, saying, "No fire chief who understands his business stops playing the hose on the charred debris as soon as the flames and visible fire have disappeared. On the contrary, he continues the water for hours and even days, for he knows that there is danger of the fire rekindling from smoldering embers."

"Then you fear another outbreak of influenza?" he was asked. "Not necessarily another large epidemic," said the Surgeon General, "but unless the people learn to realize the seriousness of the danger they will be compelled to pay a heavy death toll from pneumonia and other respiratory diseases.

Common Colds Highly Catching.

"It is encouraging to observe that people are beginning to learn that ordinary coughs and colds are highly catching and are spread from person to person by means of droplets of germ laden mucus. Such droplets are sprayed into the air when careless or ignorant people cough or sneeze without covering their mouth and nose. It is also good to know that people have learned something about the value of fresh air. In summer, when people are largely out of doors, the respiratory diseases (coughs, colds, pneumonia, etc.) are infrequent; in the fall, as people begin to remain indoors, the respiratory diseases increase; in the winter, when people are prone to stay in badly ventilated, overheated rooms, the respiratory diseases become very prevalent.

Suitable Clothing Important.

"Still another factor in the production of colds, pneumonia and other respiratory diseases is carelessness or ignorance of the people regarding suitable clothing during the seasons when the weather suddenly changes, sitting in warm rooms too heavily dressed or, what is even more common, especially among women, dressing so lightly that windows are kept closed in order to be comfortably warm. This is a very injurious practice.

Could Save 100,000 Lives.

"I believe we could easily save one hundred thousand lives annually in the United States if all the people would adopt the system of fresh air living followed, for example, in tuberculosis sanatoria. There is nothing mysterious about it—no specific medicine, no vaccine. The important thing is right living, good food and plenty of fresh air.

Droplet Infection Explained in Pictures.

"The Bureau of Public Health, Treasury Department, has just issued a striking poster drawn by Berryman, the well-known Washington cartoonist. The poster exemplifies the modern method of health education. A few years ago, under similar circumstances, the health authorities would have issued an official dry but scientifically accurate bulletin teaching the role of droplet infection in the spread of respiratory diseases. The only ones who would have understood the bulletin would have been those who already knew all about the subject. The man in the street, the plain citizen and the many millions who toil for their living would have had no time and no desire to wade through the technical phraseology."

COLDS, INFLUENZA, PNEUMONIA, AND TUBERCULOSIS ARE SPREAD THIS WAY

Copies of this poster can be obtained free of charge by writing to the Surgeon General, U. S. Public Health Service, Washington, D. C.

The Goldsboro Bank
Goldsboro, Maryland

Capital	Surplus	Deposits
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Learn To Do Without.

"That's easy," some say today who never thought very hard.

It's hard at times, but it gets you somewhere, when coupled up with Saving.

"Doing without" and "Saving money" are a fine team when handled with a steady hand and a cheery word; they'll pull you right to the top of the hill.

Then you'll make two discoveries; one, that you've left the poor-house and the bread line at the bottom of the hill; ahead of you, opportunities that you can grasp with ready money gathered during the steady pull up.

Turn your seed dollar in your pocket into a growing dollar in bank.

The Goldsboro Bank,
Goldsboro, Md.
ROBERT JARRELL, JR., Cashier

LOYALTY IN LITTLE THINGS LAST PROOF OF PATRIOTISM

Americans without murmuring cut their sugar allowance from four pounds a month to three and then as long as need be to two pounds for loyalty's sake.

Food Will Win the World.

America earned the gratitude of allied nations during war by sharing food. America under peace may win the world's good will by saving to share.

DEMOCRACY VS. AUTOCRACY.

"There is no royal road to food conservation. We can only accomplish this by the voluntary action of our whole people, each element in proportion to its needs. It is a matter of equality of burden."

The truth of this statement, made by the United States Food Administrator soon after we entered the war, has been borne out by the history of our exports. Autocratic food control in the lands of our enemies has broken down, while democratic food sharing has maintained the health and strength of this country and of the Allies.

Closely Related.

Her aunt had consented to take Bertha to the country for a two-week stay, but had flatly refused her small niece's entreaties to take Dodo, the doggie, along. Upon returning from their trip Bertha missed the welcoming bark of her favorite and anxiously inquired, "Where is Dodo?" Taking her by the hand, her mother led her to a padded basket which held the proud young mother, Dodo, and her seven two-day-old puppies. Clapping her hands gleefully, Bertha ran back to her aunt and panted excitedly: "Oh, auntie, come quick and see! Dodo has got seven of the sweetest little brothers and sisters, and they're all twins."

Earth Used in Making Bread.

It is not generally known that in the village of Ponoi, on the White sea, a peculiar substance, made of earth, is used as an addition to flour in the perparation of bread. An analysis of the substance showed that it was unfit for digestion. Some of the people of Persia employ a similar substance in making bread. The substance which they employ, however, is of considerable service in correcting defects in the bread. The Persians make their bread of sour dough, and the earth which they use has somewhat the effect of a baking powder and neutralizes the acid of the dough.

Would Get Rid of Them.

There should be in the organic law of every state, nation, and city a provision to banish from its boundaries a common nuisance and noisy, pestiferous demagogue and disturber of the people's political peace.—Cowart.

HOLL Tailor
24 E. Fayette Street
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We have a large quantity of "All-Wool" materials for Suits and Overcoats that we will sell at moderate prices. Don't buy until you see me.

J. Harry Rose

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SELECTION OF SEED CORN IS IMPORTANT

Prepare for Bigger Yields by Preserving Supply.

Proper Way Is to Choose From Standing Stalks Before First Hard Freeze—Avoid Large Ears on Stalks.

(From the United States Department of Agriculture.)

Selection of seed corn now from the standing stalks is one way, and a very easy one, to increase the yields next year. Shortage of good seed corn in many parts of the northern states last spring emphasizes the importance of being prepared next year. Preparation should begin now, for the only proper way to select seed corn is from the standing stalks as soon as the corn matures and before the first hard freeze. Select plenty of seed—enough for your own needs, for replanting if necessary and to supply your less thrifty neighbors who may wait until spring to take their chances of getting good seed from the crib. Well-chosen, home grown seed of varieties of proven worth in the community, properly dried immediately after it has been gathered and carefully preserved until planting time, produces the best yields.

Field of Corn Showing Good Method of Selecting Seed—The Men Are Searching for Plants That Have Produced Heavily Under Average Conditions and in Close Competition With Less Productive Plants in the Same and Adjacent Hills.

As soon as the crop ripens, go through the field with seed-picking bags, and husk the ears from the stalks that have produced the best corn without having had special advantages such as space, moisture, or fertility. Avoid the large ears on stalks standing singly with an unusual amount of space around them. Preference should be given the plants that have produced most heavily in competition with a full stand of less productive plants. Late-maturing plants with ears which are heavy because of an excessive amount of sap should be ignored. Sappiness greatly increases the weight and is likely to destroy the quality.

In the central and southern states, all other things being equal, short, thick stalks are preferable. Short stalks are not so easily blown down and permit thicker planting. Thick stalks are not so easily broken down, and in general are more productive than slender ones. The tendency for corn to produce suckers is hereditary. Other things being equal, seed should be taken from stalks that have no suckers.

Immediately after the seed corn is gathered the husked ears should be put in a dry place where there is free circulation of air and placed in such a manner that the ears do not touch eath other. This is the only safe procedure. Good seed is repeatedly ruined because it is thought to be already dry enough when gathered. Many farmers believe that their autumns are so dry that such care is unnecessary. Seed corn in every locality gathered at ripening time will be benefited by drying as suggested. If left in the husk long after ripening it may sprout or mildew during warm, wet weather or become infested with weevils. The vitality of seed is often reduced by leaving it in a sack or in a pile for even a day after gathering. During warm weather, with some moisture in the cobs and kernels, the ears heat or mildew in a remarkably short time.

The best possible treatment immediately after gathering is to string the ears. Ordinarily the best place to hang strings of ears is in an open shed or loft. Wire racks are more convenient and in the end cheaper than binder twine. Such racks may be made from electrically welded lawn fencing. The cutting of the fencing into seed-corn racks is done without any waste.

Only during unusually damp weather at seed-gathering time will fire be necessary to dry the seed. If heat is employed in a poorly-ventilated room it will do the seed ears more injury than good. If used, the fire should be slow, long continued, and below the seed ears, with good ventilation above them.

After hanging in the shed or lying on the racks for two months the seed ears should be as dry as a bone and contain less than 1 per cent of moisture. They can remain where they dried or be stored in mouse-proof barrels, boxes or crates during the winter, but in either case they must not be exposed to a damp atmosphere, for they will absorb moisture and be injured. Some farmers place the thoroughly dried seed ears in the center of a wheat bin and fill the bin with loose, dry wheat.

Hay Supply for Calf.

When the calf is two weeks old ground grain or prepared meal and bright clean hay should be offered; the quantity fed should be increased as the calf's appetite demands.

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SAVING a dollar and investing it shows more patriotism than singing the Star Spangled Banner. It is serving the country, by increasing its capital and promoting its thrift.

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