

FARM NOTES.

—Wood shavings make better poultry nests than hay or straw.

—Mold is one of the commonest troubles in sprouting oats, and moldy feed is dangerous.

—The first off the roosts in the morning and the last to roost at night are the best layers.

—Keep the chicks that are raised in a brooder pretty close to the heat during the first three days.

—High-priced seeds that produce high yields are cheaper than low-priced seeds that produce low yields.

—Live poultry sometime shrinks as much as 17 per cent in weight during the time it is in transit to market.

—Follow directions and handle the incubator correctly if the best hatch of livable chicks is to be secured, say poultry workers.

—This is the season when mites and lice multiply so fast that one of 'em becomes a grandma of hundreds in just a few days.

—There is more profit and pleasure from one well-pruned and well-sprayed fruit tree than from ninety and nine neglected ones.

—Poultry should always be fattened before killing. This means better quality, more weight, and a considerably higher price per pound.

—Numerous auctions will be held during the next few weeks and it is well to remember that cattle sell much better when it is known they have passed a clean tuberculosis test.

—It takes 21 days for a hen egg to hatch, about 28 days for ducks, from 30 to 34 days for a goose egg, and 28 days for turkey eggs. The time may vary somewhat according to conditions.

—Hens must eat plenty of mash, if they are to lay their best. Have you

made enough hopper room so that every hen can get their fill? There should be a foot of space for every five or six hens.

—A slight improvement in feeding methods made a difference of more than \$46 in the monthly returns of an Illinois dairyman last fall. A change in the ration made the feed cost less, yet the cows produced more butterfat.

—For fattening broilers a good ration is made up of seven parts of corn meal by weight, three parts wheat middlings, and one part bran. Wet with milk until it will pour like batter, and feed to the birds in shaded pens.

—“Prospects for profitable horse breeding are better now than ever,” declares Wayne Dinsmore, secretary of the Horse Association of America. According to him, the census of horses and mules on farms January 1, 1925, compared to similar figures on January 1, shows that horses have been reduced from 19,767,161 to 16,535,759 a decrease of 16.3 per cent, while mules show an increase of 5.5 per cent; however, mules under two years of age, show a decrease of 44.5 per cent. This is clear evidence of a great shortage of young animals. “At the present rate of production, it would take over 27 years to produce the 22,366,367 head of horses and mules we have on our farms at the present time,” Dinsmore says. And according to him, production must be almost doubled to take care of our future needs.

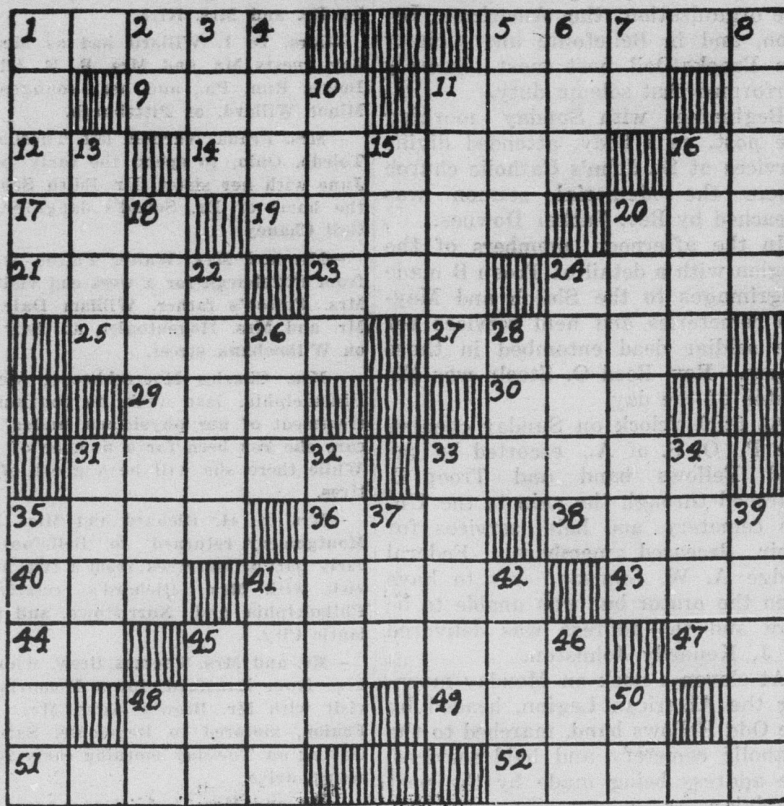
“Farmers with the kind of mares whose progeny sell at good prices have been increasing production in the last two years, while those who have been keeping inferior mares, or are not naturally good horsemen, have been receiving such low prices as to discourage them from raising a poor type of horse. Such a state of affairs will encourage the production of good horses and discourage the production of inferior ones, which is precisely what we need,” says Dinsmore. “Competition with mechanical power requires the production of better horses and mules, capable of doing more work in a given time,” he maintains.

—A scientific study of roup in poultry, one of the most serious fowl diseases, supports the conclusion that proper vaccination is one of the most

HOW TO SOLVE A CROSS-WORD PUZZLE

When the correct letters are placed in the white spaces this puzzle will spell words, both vertically and horizontally. The first letter in each word is indicated by a number, which refers to the definition listed below the puzzle. Thus No. 1 under the column headed “horizontal” defines a word which will fill the white spaces up to the first black square to the right, and a number under “vertical” defines a word which will fill the white squares to the next black one below. No letters go in the black spaces. All words used are dictionary words, except proper names. Abbreviations, slang, initials, technical terms and obsolete forms are indicated in the definitions.

CROSS-WORD PUZZLE No. 1.



(© 1924, Western Newspaper Union.)

Horizontal.

- 1—To exult
- 5—Customary action
- 9—Part of an envelope
- 11—To desire expectantly
- 12—Preposition
- 14—To give one's word
- 16—Note of scale
- 17—To incline the head
- 19—Vowed
- 20—Aeriform fluid
- 21—Kind
- 23—Young sheep
- 24—An opening
- 25—Tall, round structure
- 27—To imbibe
- 29—Equal
- 30—Fit
- 31—Whirls
- 33—Large wave
- 35—Demasner
- 36—To open a keg
- 38—To peruse
- 40—Ancient
- 41—Domesticated
- 43—Long, narrow inlet
- 44—Preposition
- 45—Artillery pieces
- 47—Railroad (abbr.)
- 48—To kick a football
- 49—Hemp cable
- 51—Highways
- 52—Funeral piles

Vertical.

- 1—Smiles
- 2—Preposition
- 3—High mountain
- 4—Sailors
- 5—Stockings
- 6—To mimic
- 7—To exist
- 8—To turn
- 10—Ability
- 11—Employed
- 13—Part of leg
- 15—To cut grass
- 16—Metal container
- 18—Let fall
- 20—Softer
- 22—American humorist
- 24—Venomous reptile
- 26—Sea eagle
- 28—Uncooked
- 31—Place for storing silage
- 32—To begin
- 33—Layell
- 34—Den
- 35—Electric machine
- 37—Amount (abbr.)
- 39—Repairs a sock
- 41—Heavyweights
- 42—To let fall
- 45—Mixture of dirt and water
- 46—To scout
- 48—Father
- 50—Exclamation of hesitation

The solution will appear in next issue.

Naming Your Executor

A man may be experienced and capable in conducting his own business, yet be without the qualifications necessary to the proper administration of an estate. Trust officers in a bank have this experience. In addition, they have the resources of their institution to safeguard the funds composing the estate.

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1925 Ford Roadster	150.00
1924 Sports Model Chev. Touring	160.00
1925 Ford Coupe, balloon tires	250.00
1923 Overland Touring	95.00
1924 Dodge Truck	150.00
1923 Chev. Coupe	200.00
1922 Ford Sedan	50.00
1923 Chev. Touring	100.00
1923 Chev. Sedan, Duco paint, disc clutch	275.00

effective means for reducing this source of loss.

The study was conducted by Dr. George W. Stiles and Dr. Hubert Bunyca, both of the bureau of animal industry, United States Department of Agriculture. In a recent scientific paper, "Vaccination and Medication for Control of Roup," Doctor Bunyca reports the following conclusions, based on experiments:

Birds about one year old appear to be more susceptible to roup than two years old or older under the same conditions.

The use of antiseptics in the drinking water (permanganate of potash, and bichloride of mercury in particular) does not appear to have any appreciable curative virtue and very little preventive property.

The local external application of solutions of mercurochrome or silver nitrate is not very effective in the prevention or treatment of roup.

Bacterins prepared from the bacteria involved in outbreaks of roup appear to be effective in the prevention of the disease as well as the treatment of incipient cases, even under unfavorable climatic conditions. Two kinds of bacterins have proved effective, one made from bacteria occurring in a single outbreak and one from infections in a number of outbreaks.

The progress of roup is appreciably influenced by "secondary invaders," meaning bacteria which develop in addition to the chief virus that causes the disease. The use of vaccination in treating a considerable number of poultry flocks with roup gave very encouraging results.

Many Qualify as Drivers.

During the month of April 26,238 of the 31,683 persons who took examinations for motor operators' license qualified as drivers. The others failed to come up to the State requirements. The highway patrolmen who conducted the examinations corrected the lighting equipment of 4,958 cars and readjusted the license plates on 3,166 cars in which applicants took examinations.

The patrolmen caused 1,415 arrests during the month for violations of the motor vehicle laws, and fines amounting to \$18,959, were collected, \$14,009 going to the State and \$4,950 to local authorities.

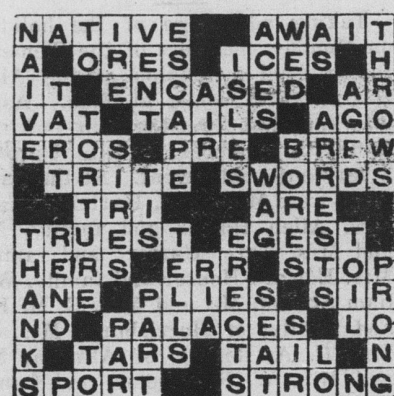
There were 474 arrests made for reckless driving, and 214 for violation of the lighting provisions, while 114 were arrested for violation of the road rules.

Spelling Schools.

A good many communities are reviving the old fashioned spelling matches and are proving that in spite of all our elaborate modern culture we are not forgetting these basic studies that lie at the foundation of knowledge.

The cultured person who does not know how to spell reminds one of some very fine lady who has most elaborate and stylish clothes, but who has not washed her face and hands. Even though one acquires world wide knowledge one seems illiterate if the ordinary difficulties of the spelling books have not been conquered.

Solution to Last Week's Puzzle.



The Story of the Poppy.

In the spring of 1919 after the war, on Flanders Field, where the firing had been terrific and thousands of soldiers had fallen in battle, in the midst of complete devastation, the poppies came up in abundance. The French women tell today that the poppy is significant of the sacrificial blood of the boys who fell on Flanders Field. Those who have traveled through France since the war tell us it is peculiarly true, that where the battle was the fiercest and the bloodshed greatest, the poppies to this day grow most profuse.

From this superstition comes the true message of the poppy, the message from the boys that fell.

The disabled service men in the hospitals are paid one cent each for making the poppies for the American Legion Auxiliary, and for many this is the first money earned since the war.

To many this money is a blessing, for there are a large number of uncompensated men in the hospitals, and the poppy money is being used to support families etc.

Many disabled boys claimed the making of poppies has saved their reason in time when there was nothing else they could do.

Each year the American Legion and Auxiliary holds a poppy sale with its double mission, to remind the public that the war is not over yet for many, and to raise funds for local relief work for the service men and women and their families.

The money for the sale of poppies can be and is used for relief work or child welfare, and at least 75 per cent, and if the Legion wished, all of it, is spent for assistance locally.

In many cities and towns tag days are forbidden, but all over the nation at Memorial Day the little red poppy of the American Legion and Auxiliary breathes its message:—

BUY ME—I stand for service.
WEAR ME—I am a memorial to all who died in service.

Boys Learn to Test Cows.

Twenty-four Pennsylvania boys attended a cow testers' short course at the Pennsylvania State College last week under the guidance of C. E. Gearhart, state supervisor of cow testing work. They learned how to take samples of milk, test them, and keep records. Feeds and feeding also engaged their interest.

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AT 9 a. m.

.....A Few of Our Many Bargains.....

Lancaster Apron Gingham, per yd.	10½c
Hill's Muslin, per yd.	12½c
All Wool Serge Dress Goods, per yd.	49c
Ladies' Silk Underwear	75c
Ladies' Winter Coats	\$4.98
Ladies' Spring Coats	\$7.79
Boy's Hose, per pair	19c
Boy's Shirts	49c
Boy's Summer Underwear	39c
Men's Socks	11c
Men's Work and Dress Shirts	59c
Men's Underwear	39c
All Silk, per yd.	\$1.35
Children's Dresses and Rompers	59c
Ladies' hand embroidered Night Gowns	\$1.19

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