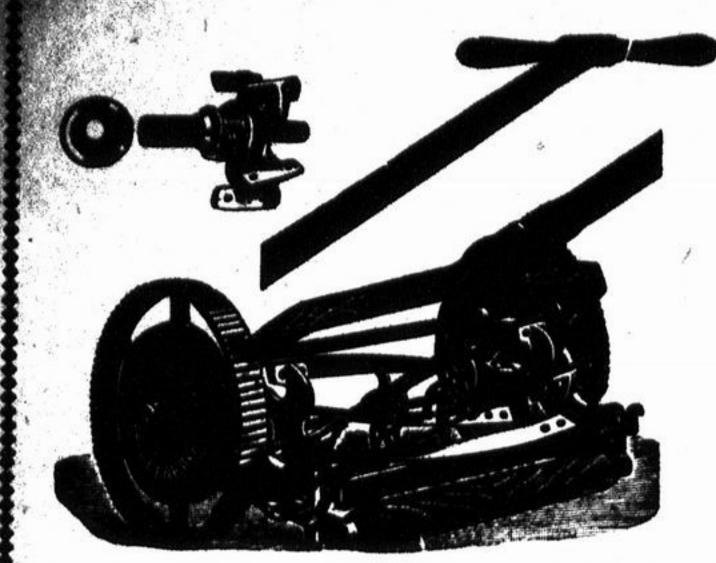
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TESTING FARM ANIMALS. The capacity of an animal for the because the conditions under which the able to its best possible performance. The animal may have been able to if well cared for the first year. do far more without having been given an opportunity for so doing, and animals until he has faithfully emdeavored to give them the full opportunities required to demonstrate their ability, and when he has performed his part he will know their real value and that his profits will be according to the quality of the stock, as he can retain only such as have proved themselves worthy of his confidence, while the inferior class can be gradually improved and the profits increased.

In order to know each animal it should be closely observed and tested, not only at certain seasons, but at periods ranging over the whole year, in order to thoroughly understand all the conditions. The feed itself may be tested, as it differs in quality at different times. * crop of hay of one year may be of different substance from that of another kind, and hence the result obtained during certain periods will not always enlighten the farmer as to his proper course at another time, but such tests will materially assist him to avoid mistakes previously made, and also teach him where to economize and when to be liberal and generous to his stock.

Every animal on the farm should be tested, whether cattle, sheep, swine or horses. The ordinary cow should have her merits known to the dairyman, and he should familiarize himself with her qualifications, not only as a milker, but as to the kind and quality of food best adapted for her purposes and the most profitable. A cow may only give twenty pounds of milk a day and yet be an excellent animal, if she can produce that amount at a low cost, while another cow in the same herd, may yield thirty pounds a day, and yet prove unprofitable compared with the other. The ewe should give twin lambs, but it is more important that she should give them sufficient nourishment as well as yielding for herself a fair average of wool. The mare may be serviceable for all kinds of work, and yet he unproductive as a breeder, the roadster may be speedy and yet wear himself out with fretting, while the sow, though bringing forth large litters of pigs, may be unsucoccurful with them as a nurse. As to the males for breeding purposes, the quality of their get is important and they must also give a profit for themselves as individuals.- Epitomist.

WEIGHING THE MILK

Much has been said of the importance of weighing the milk at each milking and keeping a record of the production of each cow for the year, or for the period she is in milk between her times of dropping her calves, that the unprofitable ones may be culled out, and only the best pro-But one advantage seems to have been overlooked by cow. A sudden pulling off in milk gressive Farmer. production does not happen without cause, and often that cause may be detected and remedied if the change recorded in plain figures each day

And for those who are obliged to some forty cows tells me that since he has begun weighing the milk he motices a great deal of emulation beand more ready to call his attention. to any changes in the record. They have a quicker eye to notice the effects of any change in food or mode of feeding, or the changes of temperature in the stables. He says for does.-American Cultivator

BREEDING EWES A flock owner touching his methods of hauling and feeding breeding ewea, says that he grows about 50 acres of beans for market, the pods of which make valuable sheep feed, and adds I aim to have the sheep fed sparingly time in April I eliminate the bean fodder or feed but one ration of it house closed this winter a fed in two feeds up to the time that | tertain.-New York Correspondence of | potatoes. they have lambs, after that they are the Pittsburg Dispatch. fed heavier. About one-third of the total grain ration consists of cull

meal. Formerly I had my lambs come performance of labor or travel is sel- in the winter, but partly to save dom correctly known by its owner trouble. I now have them come in April and while they may not attain animal is tested are seldom favor- so heavy weight at a year old, I think that they grow into just as good sheep am sure that the flock will keep healthier and have greater vitality thus its real capacity is underrated. than when kept closely housed as is The farmer should not condemn his | necessary with young lambs in cold weather such as we have in this lati-

> SOME POULTRY ITEMS. A cockerel is a male bird less than a year old. A cock is a male bird over a year

tude.-Indianapolis Farmer.

A pullet is a female bird less than

A hen is a female bird over a

A yearling is generally one counted as having laid twelve months. A sitting of eggs is thirteen, al

creased it to fifteen. A broiler is a bird weighing two pounds or less, and from six to twelve

though many poultrymen have

A spring chicken is a young bird weighing over two pounds. A stewing chicken weighs about

A roaster weighs four or more A poult is a turkey in its first

A poularde is a pullet deprived of the power of producing eggs, with the object of great size.

A breeding pen is generally made

of its generative organs, for the pur pose of improving the weight and delicacy of its carcass.—Farmers' Home Journal.

ADVANTAGES OF THE SILO.

Prof. Van Pelt claims that the advantage of the silo on the dairy farm is great. He states that two pounds of milk can be produced where under any other method of feeding, except on pasture, there would be only one pound. Silage never taints milk if fed directly after milking, and if the mangers are kept clean and sweet. The best possible ration for a dry cow, not on pasture, he gives as corn and alfalfa hay. The best catton for milking cow, corn silage, alfalfa hay and about six or eight pounds of grain to furnish concentrates.-Weekly Witness,

GREEN BONES.

Buying green bones on which a ist tie meat clings is sometimes practiced by those who like to feed their chicks meat; but see that the meat is not partly rotton. Otherwise, there will be bowel trouble enough to make more loss than the meat can ever make good.—Progressive Farmer

HENS WASTE TIME. Hens should not be made to waste their time with eggs that cannot hatch. There is no more reason why many if not all who have written of the service of a hen should be reit, which is that such a record may duced than there is why land should be the surest test for the owner of be allowed to make only half a crop the daily health or condition of the whose a full crop is possible. - Pro-

The Efficacy of Prayer.

Among my esteemed neighbors to continue hearing. to seen and noted in season. If the there is a family known for the piety has almost reached the age when she many a good natured quip pertaining her alleged hopes and endeavors in the direction of matrimony

young men which had interested it When this committee, numbering a friend's wife was the first to see it through the front window

husband. "See all those young men coming to visit us!" Mr. B glanced out of the win-

"Laws John!" she exclaimed to her

ing force and remarked, with an air "Humph! Kate's been praying again,"-San Francisco Call

Prefer Hotels to Homes.

tractiveness for the wealthy families of New York. Because of the shortness of the season, many society folk have not opened their city comes during the winter months. These families are to be found scattered through the large, semi-private hotels, which have multiplied within the last couple of years, and which have been designed with a view to attracting the millionaire class of tenants. Hotel life, society women have begun of this bean fodder, so I feed it twice to find out, affords an easy evasion of much entertaining. The average hostess nowadays seeks to avoid extra bother, and it is less of a tax on her time and patience to hold large receptions in one of the half-dozen and for this reason towards lambing hotels favored by society or in the Colonfal Club. By keeping her town a day till after the lambs are drop- clety woman remarked the other day ped. We feed every day a few cull that at a rough estimate she had savapples or cabbage- 14 to % pounds ed \$75,000 in four months. Besides per head. Later in the season I feed this, she has not had to worry over a few mangles. They get a grain the servant question and other mat- fifty gallons water) is strong enough to ration of half a pound per head daily, ters so vexatious to women who en-

Within the last eight years the num beams I mix with of slied corn. These ber of barmess-using animals in this cull beans I buy here at \$12.00 per | country has increased by more than ton. One vatica a day emetata of a 8,837,000.

The following is fur ished by the Farm Journal, Philadelphia, Pa.

GUMPTION ON THE FARM.

'Full leafed in pride of deepest green, The Earth in the sunshine basks serene. The wild rose yields her subtlest scents,

Where haycocks pitch their fragant

The longest day's top brief for June." Praise your wife when she gets you an extra good dinner, and you will get

many more of them. Better cut herd's-grass before it blossoms than to let it stand until it becomes hard. If it has begun to ripen seed it will make poor fodder for any

Have the hay ropes, pulleys and all such things good and solid before you begin to take off a load. Stand out of the line of all pulleys when a forkful is being taken off. Eight acres of good, heavy corn ought

to fill a hundred-ton silo. This, ought to be grown and put into the silo for a cost of not more than \$200, or \$2 per ton for the silage. "Frog-Farming As An Industry" is

the title of an interesting and instructive article in the May issue of the Technical World Magazine, published in Chicago. The author is W. E. Meehan, Commissioner of Fisheries for the state of Pennsylvania.

One of the most important departments of the farm is too often forgot ten in the stress of business, and that is the woodlot. If you have one, see to it that the young trees are protected from the vandal axe man and the depredations of stock. A well conserved woodlet grows steadily into money while we sleep,

When you are mopping your face in the harvest sun, consider the good wife A trio is a male and two females. In the super-heated kitchen bending over a hot stove in the preparation of up of from six to fourteen females | food, and ask yourself if you have provided her with satisfactory help. Full A capon is the male bird deprived barns will bring one little satisfaction if the wife is broken down at the end of the harvest.

> ORCHARD AND GARDEN. Late cabbage and main-crop celery

plants may be set late this month. Don't hoe beans while they are wet It spots the leaves. Wait till they are

Make three successional plantings of sweet corn this month, at ten-day inter-

Get ready for the strawberry crop, Provide carriers, boxes, crates, stencils, packing shed, etc.

Do not pick berries when they are wet; when picked, hurry them to a cool place out of the sun. For grape-rot and mildew, begin early

and spray the vines with Bordeaux mixture at intervals of about two To destroy squash-bugs, lay a cloth or shingle by the plants. The bugs go

under it and can be collected and killed in the morning. Remember the neighbor wh has no berries on his farm. Send down a nice

busket of them once in a while. Makes your own taste so much better. Muzzle the horses and pad the out side portions of whiffletrees and harrow when cultivating the orchard; thus

avoiding all bruised and "barked" trees, File the hoes and keep them sharp. Stir the soil frequently; and always remember that a hard crust will form after a rain if you don't loosen up the

seil promptly. Sow curumbers now for pickling When the vines begin to bear, pick all the fruit every day or so. Let none go to seed (ripen), if you want the vines

patches, if the last four are not

No grain of grass crops in the young orchard, please. Cultivation is best Stir the soil every two weeks until Angust. Tis a good plan to throw two or three forkfuls of manure around

each tree, after a rain. To prevent a scabby crop of potatoes, sonk the seed for two hours in a solumaldehyde) in fifteen gallons of water. Then plant the seed in soil which has not recently grown a crop of scabby to

Watch for the little slugs darkish, slimy fellows—that are likely to be on pear or cherry leaves now. Fine, dry dust, if thrown in the trees, will kill every slug it covers. Or almost any of the regulation orchard sprays will exterminate this pest.

Pumpkins planted among the corn hills are no special hindrance to the crop if the ground is very rich. They are sometimes a great benefit in a dry season; the leaves and vines cover the ground and keep it from drying up after cultivation ceases.

Cabbage and tomato plants can be safeguarded against cutworms, by serting a circular paper fence in the soil around each stem. Any stiff paper will do. Have each fence about one and one-half inches above ground, and the same distance away from the plant.

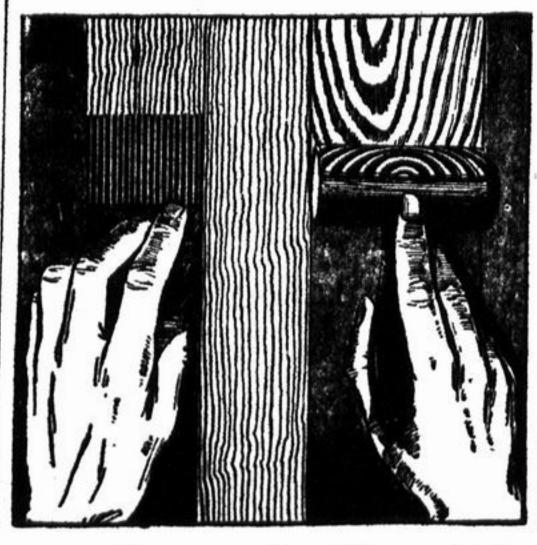
A gentleman who made the experiment the past season, recommends moth balls as an effective means of keeping was exhibited at New Durham, N. J., the striped beetle off the cucumber. is not only inexpensive, but easily ap-The Bordeaux mixture is the proper

emedy to use for all fungous troubles; iz., mildew and rust of beans, potato and tomato rot and leaf blight; melon rust; celery leaf blight and rust, etc. The half-strength mixture (two pounds copper sulphate, two pounds quicklime, use in the vegetable garden, except for

The Road to Wealth. The road to wealth may not be hard, Nor over mountains wind: It may not be a stony path, But oh, it's hard to find ! -Detroit Free Press.

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EW RAILWAY SAFETY DEVICE. Invention Automatically Places Torpedoes on Track of

Erring Train.

A signal device that automatically places torpedoes in the path of trains Saturday by the inventor, Robert J. melon and squash vines. The remedy Zorge, a member of the Chicago board of trade, to a party of reporters. The plied, only one ball being required for safety device has been installed on "block No. 3" of the West Shore Raflroad, just west of the entrance to the Weehawken tunnel, says the New York

The device looks like a big Iron hogsand cucumber diseases; asparagus head sunk in the ground. Inside is a wheel with twenty spokes. On each the spokes is a tin-cased torpedo attached to an arm, and the duty of the complicated cogs and levers beneath the simple looking wheel is to thrust out these torpedoes upon the track so that the drivers of an engine may cause

them to explode. Mr. Zorge's system places in each "block" of a railroad three circuits, "approach," "locking" and "danger." The length of a block is determined by speed limit. Bah."-Louisville C

train passing the approach circuit acts, through its iron wheel and axles, as a conductor which carries the electric current from the point where it is rethe torpedo machine. When the train passes beyond the point, a mile distant, it similarly readjusts the current, leaving the entrance to that block clear. The point of the device is that if

while the train is running through the block another train should come along so close behind as to pass the approach circuit this contact would de-energize the current. Then the mehanism of the signal would be set working and one of the spokes would be thrust out to the track surface and hold a torpedo there to be exploded. The concussion would put the engineer on his guard if he had not noticed the semaphore

Retrenching.

"I tell you, they are retrenching." "But they still have their auto." "Which they run well within

the nature of the traffic. and at the rier-Journal.