

ylelding as high as four tons to the less than two tons, . It is liked by every animal on the farm from chickens to horses, and they will leave their grain to eat good alfalfa hay. if it is within their reach. Give calves all the alfaifa hay they will eat after they are four months old and they will thrive on it. It is almost a necessity for milk cows. It doesn't matter what you feed a cow, if you leave the alfalfa out she will decrease in the flow of milk at once.

Greens in the garden are better than greenbacks in the pocket.

It costs more to do without good farm machinery than to buy it. .

"Feed your soll and your soll will feed you," say the soil fertility men.

Weed seeds are costly to the farm in price paid for them and in loss of value to the crop grown.

The good farmer lays his battle plans for the insect and disease war of the approaching summer. . . .

Use oats as a nurse erop for sweet clover rather than barley. In either case the nurse crop should be seeded at about one-half the normal rate of planting.

Though sunlight costs nothing, it is about the most valuable thing you can give your chicks. . . .

If you fail to beautify your premises with flowers and shrubbery, you cheat yourself and your visitors. . . .

In starting a new crop year it is well to remember that the incentive to agriculture is not chiefly profit but the satisfying of the human interest in creative production.

. . . All crops except timothy give het ter yields when they are grown in rotation than when grown in continuous culture, experiments at the New York State College of Agriculture show. Ser. 1

even if you get him for nothing." "Pure breds are better sellers and make more meat for the amount of

feed and length of time." "When young, untested stock is sold, the breeder should keep in touch with the purchaser, so that if the stock does not turn out as it should through no fault of the purchaser, the breeder can make the deal right. It pays directly and indirectly, aside from the fact that it is the fair way to do.

"Preach individuals first and, pedigrees second."

"None but high-producing cows are profitable and the use of pure bred sires is the shortest read."

High Utility Value. The detailed report to which the foregoing comments were incidental shows briedy that pure bred live stock has high utility value from a production and market standpoint, and that it costs but little more to produce highclass animals than the ordinary kind. The investment and other factors which appear sometimes to increase production costs are offset by early keeping at least ten cows the cost of the silo is usually not justified.

maturity and other important savings due to improved breeding.

silage for about a dozen cows during Estimates of the Hood River valthe usual feeding season. A good ley fruit crop vary. The bloom has standard size ranges from 14 to 16 been more scattered than in any past feet in diameter and 30 to 32 feet season. In instances growers who had Under ordinary conditions high. more than 30,000 boxes of apples last cows eat from 30 to 40 pounds of season say they count on 10,000 boxes slage a day, according to their size this year. One east side grower who and condition of lactation. A farmer had over 25,000 boxes in 1924 says he can easily estimate how much capacity is needed, on the basis of this does not expect over 6000 boxes. Estiamount to be fed per head. If one mates for the 1925 tonnage ranges all has 30 cows to feed, then about 1,050 the way from 800,000 to 1,800,000 pounds a day would be required, and " boyes

for a feeding season of seven months or 210 days, 220,500 pounds or 110

The agricultural economic contons. A round silo 30 feet deep and ference at O. A. C. brought out the statement that in western Oregon clover yields from 3 to 51 the surface daily to a depth sufficient bushels of seed per acre, while in to prevent molding. This is usually the eastern clover seed sections the placed at around 11/2 to 2 inches. In vield is but about half that. And recent years some sile owners on this country imports annually high-priced lands, and not pasturing. \$2.000.000 worth of seed of the feed sliage every month, beginning to clovers, grass and vetch.

16 feet in diameter inside holds about 120 tons. The capacity of the

feed just as soon as the silo is filled

into the seed piece it carries with it

the bacteria which first rot the seed

and then spread to the stem of the

"The maggots feed upon the bac

plant, causing it also to rot and die.

teria as well as the decaying tuber," says Doctor Leach. "The bacteria re

main in the intestinal tract of the mag-

got until it pupates and makes its way

to the surface of the ground where it

develops into the adult fly. Thus the

insect carries the blackleg bacteria

The capacity of the silo is a mat-

ter of importance. Unless one is

round silo, 28 feet high, will hold the

Matter of Importance

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with it at all times."

Capacity of a Silo Is

worked in co-operation with Ohio what is known as the seed-corn mag-State university. This picture, engot, so called because when first dis titled, "Four Men and the Soy," was covered it was attacking corn seed at Columbus, Ohio, last September lings. According to J. G. Leach of the while the annual "Soy Bean day" acdivision of plant pathology, Minnesota tivities of the Ohio State College of College of Agriculture, the eggs contain Agriculture were in progress. It is in the blackleg organism when they are two reels. deposited. Then as the maggot bores

Four Worried Farmers.

The story of "Four Men and the Soy" concerns the troubles of four farmers who "were worried," each after his own fashion, and who found in the Soy-Bean-day demonstrations the solution of their several troubles with varieties of soy beans, early or late. The university farm at Colum-bus had provided soy beans in all stages, so that it was possible to demonstrate every phase of cultivation in one day. Hence the picture presents a very detailed exemplification of the stages in soy-bean culture, as well as scenes showing the utilization of soys as hay for cattle, sheep and orses, and of the seed of the soy ean oil cake as a concentrate for ogs, cattle and poultry.

Future is Bright.

The conclusion of the whole matter to quote from the "soy-bean speech" which closes the exercises of Soy Bean day as portrayed in the film) is that the soy bean is "a crop of vast possibilities to the American farmer," and that "its growing popularity and increasing acreage justify the belief that it is destined to become one of the leading farm crops of the United States."

Control Lice and Mites

During Summer Weather. With the coming of warm weather ice and mites become a problem to the poultry flock owner because the warmer weather provides conditions more favorable for their increase. As prevention is better than a cure, the flock owner must be ever watchful for these pests.

Lice remain on the body of the bird while mites live on the underside of the roosts and in cracks and crevices

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timothy, \$20@21; eastern Oregon timothy, \$23@24. Butterfat-42c delivered Portland.

Eggs-Ranch, 23@26c. Cheese-Prices f. o. b. Tillamook:

Triplets, 26c; loaf, 27c per lb. Cattle-Steers, good, \$9.75@10.25. Hogs-Medium to choice, \$12@13.65.

Sheep-Lambs, medium to choice, \$13.00@15.00.

Seattle

Wheat - Soft white, \$1.55; western white, \$1.53; hard winter, \$1.55; western red, \$1.53; northern spring, \$1.55; Big Bend bluestem, \$1.80@1.98. Hay-Alfalfa, \$24; .D. C., \$28; timothy, \$26; D. C., \$28; mixed hay, \$24. Butterfat-45c. Eggs-Ranch, 27@32c. Hogs-Primes, \$13.75. Cattle-Choice steers, \$9.25@1.85

Cheese-Oregon fancy to retailers, 27c per lb.; do standards, 25c; Washington fancy triplets, 25c.

Spokane.

Hogs-Prime mixed, \$12.75@13.10. Cattle-Prime steers, \$9.50@10.00.

gen lost from one unplanted tank per year as from the whole nine planted ones. Perhaps summer fallowing is a more expensive practice than has been supposed.

A man whose name, we believe, was Barber, raised corn continuously, for many years, on a little patch of ground on Lake creek. between Mapleton and Swisshome, despite the current belief at that time that both rotation and change of seed were necessary to success, and got and increasing crops. His corn probably got its nitrogen by the grace of the newly disco vered but unseen bacteria.

To kill crows that pulled up the corn, several farmers in Bepton county soaked some good corn in strychnine solution and then coated it with paraffine. They baited the crows with good corn for a few days. Then poison corn was spread. The paraffine delayed digestive action till al' the birds got their fill; then the poison killed them.

