THE UNION ADVOCATE. WEDNESDAY, NOVEMBER 12 1913



Do not Neglect the Dry Cow

One of the greatest mistakes made A correspondent wrote Jame: Dry-

"Please send facts about

"That is, you can, probably on

Why Eggs Don't Keep

Effect of Alfalfa on Soil

The unqualified recommendation as soil improver that is concontinually in the dairy generally is that of neg- den. Prefessor of Poultry Husbandry being given alfalfa, is responsible for lecting the cow while dry. Often it at the Oregon Agricultural College, the very common belief that this seems that this animal is expected to as follows: crop is one which should be grown simply exist, without feel, through the seven acre and threeacre such simply exist, without feel, through the seven acre and threeacre such and three acre such through the seven acre and threeacre such acresses. We are beginners and warm soils. No greater mistake could be out this period, though, of course cesses. We are beginners and want soils. No greater mistake could be made than to sow atfalfa on land she is entirely to blame if her off- follows: which is not in a good condition of spring is born weakly and does not "It is possible to make a living fertility.

levelop rapidly, says Farmer's Digest. or money ch a small tract of that size It is true that, being a legume, it Both the production of milk and the under favorable conditions. I do not benefits the soil through the addition production of the offspring must be recommend the place as small as 3 of nitrogen fixed by organisms formconsidered as work, and anyone who or even 5 acres for poultry keeping. has tried working continuously on if the purpose is to make a living for ing nodules on its roots, and through its root it not only supplies consider poor or insufficient food will agree a family by selling the product at so able quantity of humus but greatly hat it is unpleasant to say the least. much a dozen for the eggs, and so improves the mechanical condition of The period during which the ani- much a pound for the chickens, but if the soil. mal is dry should not only be con the poultryman can work up some

In producing profitable yields of sidered a rest period for her, as is special line in breeding stock, that is hay alfalfa utilizes large quantities of general, but also should be considered if he can get more than market prices phosphorous and potassium, which a builling-up period. She must not for the product, he can make a livmust be obtained either directly from only develop a strong and useful off- ing on a few acres with fowls alone. the soil or from added fertilizer.

whether alfalfa is a soil improver own body in strength, and, 'o a cer' you can hardly keep enough chickens is a question which cannot be an rain extent, fat, as this will be need on 3 acres, or even 5, to make a perswered without some explanation. In ed in the heavy production period af manent success of it. the sense in which the term is com- ter calving.

monly used, alfalfa is not a soil im- Fattening feeds are not of special most kinds of soils, keep 100 heas to crop, since it cannot be value to the animal at this time and the acre, and they will bring in a pro-week. utilized in the same manner as cow- would prove expensive if fed in large fit, with good management, of about peas, soy beans, crimson clover or quantities, as a large percentage of \$1.50 a hen above the cost of feed. hairy vetch for the building up of the feed would probably be wasted. That is, after paying for all the feed worn out or deplete lands. On the Bore and muscle producing feeds are they eat there should be about \$1.50 other hand, it enriches the good soils of especial value in that they aid in left to pay for labor, etc.

through the nitrogen and humus add- the production of the strong and heal- "If the soil is of light nature, that A long succession of ingenious ex- nish shade for fowl and growing ed to the soil by its roots and crowns thy offspring. For this purpose, all is rather porous and light, you can periments has recently been private- chicks during the hot days of summer. when the old field of alfalfa is broken falfa is of especial value as it is keep more than 100 to the acre. The ly made in regard to the effect of elec- Feed the draft colts this coming up and also by the mechanical action strong in both muscle and bone build- trouble in over-crowding the ground tricity upon the growth of plants and winter to develop size, bone and musof its roots upon the soil. Further ing material. Cowpeas or other legue is, in a few years the soil becomes more, the preparation of the land minous plants are also valuable in contaminated with the droppings, and eding the alfalfa and the this respect. it scener or later results in unhealthy Mail it is now possible to say, that draft animals, treatment in the way of top dressing The cow neglected while dry cannot stock, decrease in vitality and greater startling results have been reached in er than by the dozen. They vary so

and fertilizing which follow during come to her best when she freshens, difficulty in hatching and raising the one direction. the few years of its existence doubt- The good dairy animal is deserving chickens. less have a very beneficial effect on of attention from the first of January By keeping 100 hens to the acre and respond to electric stimulus applied the seller or the buyer is sure to lose the crons succeeding is the crops succeeding it.

In actual practice then, alfalfa im- the dry animal plenty of cooling and chickens, using half the ground each rapidity. They surpass the best on Where a farmer has succeeded by proves good land, but cannot be con- muscle and bone building feeds and year for growing some kind of crop record in speed of growth. They years of careful treatment in eliminsidered in connection with poor land, you will get your way in the milk and rotating the chickens and crop, it keep their health in crowded con ti- ating, or practically eliminating the as it is no' a profitable crop to grow pail. better sinitary condition and to con- ent of season. on unfertile soils

The Run-Down Farm

ed slump

Milk Must be Kept Cold

Was there ever a more dispiriting unless it is kept cold, but probably over \$6,000 worth of poultry and ever prospect than a weedy, delapidated, few persons realize the necessity of were sold in a year, had very light run-down farm? As one drives keeping its temperature low during soil and was in a climate where there through the country and passes by all the processes of handling between wasn't as much rain as here. The such a place, his estimate of the dairy and consumer. Milk may be on owner made additional revenue by value of that locality suffers a decid, the point of souring, and may swarn: celling breed stock and eggs for d slump. with germs, when it is still fairly hatching On such a farm the owner is usual sweet to the taste, and consumers

ly as manyy looking as the land he who are in daily receipt of this "nercalls his home. The farmer is sure sweet" nillk must exercise treble cancalls his home. The farmer is sure sweet mink must extend to that farming is not what it usel to then to provent the processes of department of that farming is not what it usel to then to provent the processes of department is wrapped removal from proceeding further. This is clearly indicated by simple to the world why there are so many or the whole of such a farmer's phil. This is clearly indicated by simple retten ezgs. The department conosophy. "He is sure farming is not tests reported in the thirv-first and ducted a series of tests in Kansas in what it used to be." No, it certainly nual report of the Health Department what it used to be." No, it certainly nual report of the Health Department is not for him. The world has moved of Springfield, Mass. just issued in ceivable place from the ice box to a forward while he has slept. He has pamphlet form. Two quarts of milk purchased from stolen nest under the barn. The

no part in the present day thought Two quarts of milk purchased from about tarminz. He keeps a scrub bull, the bull may milk was about twenty-seven hours One-third of the annual loss in eggs have a pedigree but is a scrub never- old when purchased. The bacterial is due to "blood rings." A blood ring

nave a pedigree but is a scrub never-theless. His cows lack quality and type. His fields are weedy and his fences look tired. Just such a farm was seen a few days ago. The herd of cows were bring as canners, and yet this furmer ling. Each sample was dicted into subsequent to heat. No bring as canners, and yet this furmer ling. Each sample was dicted into subsected to heat. Unless cooled at ling. Each sample was divided into subjected to heat. Unless cooled at bring as canners, and yet this farmer had the ancestors of that herd on the four name and maintained at terms should hept to a a tertile egg will place for many, many years. The nersture of 100 degrees F. 75 degrees the above will cows on this farm a generation ago F. 55 degrees F. and 40 degrees F. ly as raw milk.

Among the results of the tests it



at need painting. at need painting are out for years ago every-d their roofs as a matthat the Roofs of date, body pa ter of co

ne Amatile with its *l sur/acc*-practically crete. This mineral rable and permanent. Then c real mine pitch c urface is able and performed a really ready to lay, emeat for the laps a led nails packed in or each roll, so that in clse to buy. Any-It comes with liquid and here-be

body can lay r — it needs no And reme bainting. booklets free on Sample and

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Give the hens clean nests. Gather eggs at least once daily. Keep eggs in a cool, dry place. Market eggs at least twice a

Chickens Forced by Electricity The following is published by the Butchers' Advocate:

Beyond all question young poultry widely as to size and weight that

to the thirty-first of December. Give then growing other stuff with the in a particular way with astonishing when sold by the count. is possible to keep the ground in a tions, and become almost independ- smut diseases from his farm, the use of a smutt-infected machine will un In the South of England on the big- do the work of years during one sin-

ments of this nature have just been completed. Eight hundred chickens in two equal groups were nurtured on the intensive system-that is, in flats almost trays, one above the other One group of 400 was treated by the electric system, and so charged were the chickens with electricity that a shock could be distinctiv felt if the finger were put to the beak of a chicken.

The chickens in this 400 grew to marketable size-that is, as "petits poussins"-in five weeks, and of the 400 only six, and those weaklings in the beginning died.

Of the other 400 nearly half died. it being late in the year for healthy growth, and the survivors took three months to reach marketable size The experiment was followed by

other experiments in which similar. hough not as striking results were obtained. Trials on a vet larger scale are being prepared, and there is at any rate a reasonable hope that an instrument of real value in the intensive production of food has been found.

When you feel in a scrappy mood on't try to take a fall out of an airship

When bathing and drying the face always rub and make the strokes upward as the muscles of the face relax downward.

But even if a man has no axe to grind, he can usually get a job turning the grindstone for some woman who has.

We must change our slipshod zrain farming methods, and begin to farm for profits, or not at all.

Of the serious parasitic diseases affecting sheep, stomach worms probably cause the heaviest losses to

Those who have poultry should raise sunflowers. They serve to fur-

Milk Must be Kept Cold the business successfully. The In the South of England on the big- do the work of years du It is no news that milk will sour a acre place I mentioned from which gest poultry farm in the world, exp-ri- gle process of threshing.



ver" Flour is not like the woman who can make only





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could not have been apy poorer than The increase in the bacterial conthe present herd, they were fit all tent of milk between the time it was found that leaves the farm and the time it ed much better in quality than those probability better The house was hid away in kept under other conditions.

thicket of brush and weeds and had cost of labor and feed. To him the Taking the whole season as a whole not known paint for years. The barns were decrepit and the place strewn with relics of the past. The farmer couldn't keep help. His idea was that hirst men had degenerated devenue and so to be an unheated room in a dwelling is not conductive for good quality in the run-down farm and the run-down man go together. They are a that hirst men had degenerated

was that hire i men had degenerated part of other times. The world has conditions surrounding the weed nest. and were wholly untrustworthy d were wholly unrustworthy. The evidence of this man's philoso the world is wrong. The the world is wrong. The evidence of this man's philoso the world is wrong.

phy, that things were not what they used to be, was shown on every hand. The farm was a picture of the man's

Mixed Farming in the West A mixed farming scheme entirely blood rings and rots. mental process, and yet he was abso-

lutely impotent to understand his separate from that of experimental Two-thirds of the total loss in fer-condition. To him his dairy was good farms has been inaugurated by the tile and infertile eggs takes place on his barns and premises good enough. The trouble from his standpoint was R. in the west and bids fair to be suc-sible for this condition are the hap in the times, the hired men, the high cessful. At present there are twelve bazard methods of poultry manage-

half sections.

Specialist Could Not Remov

well as the keeping of eggs in the house, favor the production of spots.

of these farms in operation, three in ment on the farm. The results of all the experimental

Two and a Half Hours on Operating Table in Alberta. The majority of them half sections. The majority of them half sections.

half sections. Dr. J. G. Rutherford who is superin-tending the operations states that the hot weather.

GIN PILLS PASSED T JOLINT, P.Q. "During August last, I want to Mon-treal to consult a specialist a linad been suffering terribly with Stars in the Bladder. He decided to operate but said the stone was too large to remove and too hard to crush. I returned home and conserve the sol. If took two boxes and went back to the specialist. They relieved the pain. If took two boxes and went back to the specialist. He shore was aller but he could not remove it alth agh he tried for two hours and a hal I returned hours and to my great surprise and joy, I gin PILLS are the bet medicine in The state the stone. GIN PILLS are the bet medicine in He do if the contract time, the farmer the stone was are the bet medicine in the stone was too large to remove and too hard to crush. I returned home and could not remove it alth agh he tried for two hours and a hal I returned home and continued to tab GIN PILLS, and to my great surprise and joy, I gin PILLS are the bet medicine in the stone was the stone. GIN PILLS are the bet medicine in the stone was the stone. He do the stone. He do the stone. He do the stone. He do the stone the stone. He do the contract time, the farmer He do the contract time the farmer He do the contract time the farmer He do the contra and to my great surprise and joy, I passed the stone. GIN FILLS are the bot medicine in the world and because ney did me so much good, I will recommend them all the rest of my life". J. ALDE ATE ATEXESARD. Soc a box-6 for 52.50-at all dealers. Manuel dealers dea

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