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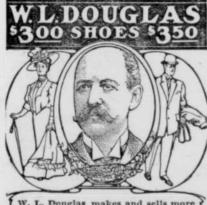


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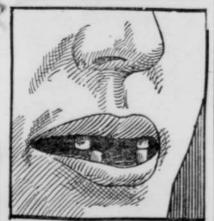
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No. 41-98 WHEN writing to advertisers please mention this paper. CHANGE IN METHODS.

Farmers See Necessity of Getting Out of Old Ruts.

By W. D. Foster, Foreman State College Experi-ment Farm, Pullman, Wash.

Consequently there must be a moving household. out of the old ruts, and the adoption of

in the near future, become a great dairy Insist that the sanitary conditions state. Even now the farmer who has a around your stable are the best posfew good cows and "'tends to busi-ness" is never bankrupt. He has in his the herd the best of care in the matter possession a certain producer of value. of feed, salt and water. Keep the cows With milk and butter he can go to clean, and permit no one to use rough market twice a week, instead of once a methods or use obscene language in your year, and in many respects he is free cow barn. Have a great big heart for from the annoyances that harass the your "job." Your work must be done

Many people there are, indeed, who a successful dairyman, would not make even a bare living handling cows. To use a familiar ex-pression, "They are not built that way." Nevertheless, it is certainly true that no matter how the farmer is Professor Thornber Tells How to built, the cow is built to yield value quite material in kind.

Lack of pasturage is an objection to dairying in many parts of eastern Washington, of course, but where alfalfa or clover will grow this hindrance can be overcome. And these two valuable forage plants would grow in many places where they are not found at present, if the land was properly fitted to receive the seed. On the experiment station farm we have two fields of clover that have and clover are valuable for feeding

especially in regions where land is as are thoroughly convinced that it is valuable as it is in Washington. This well for a young tree to produce large is by the proper use of soiling crops, and silos. A very indifferent mathematician can figure that one acre of land well tilled and seeded to some kind of a soiling crop will equal two and one-half acres of the best kind of pasture land for feeding dairy cows. the case of trees that have been graft-Therefore, even if one has enough land ed, I would recommend that you rethe best and yield the best return pos-sible in consideration of the amount of feed consumed and care given. cow must have favorable surroundings. She must not be permitted to roam all day in search of food, even if requiring growth. only that necessary for a living, aside from the production of milk. To give a large amount of milk at night would and check the growth somewhat in be contrary to nature.

ture to assert that when milking time in the orchard, with the idea of check-

suffice. Care, however, must be taken amount of potash would serve the purnot to sow too much at one time, with pose to make the trees more fruitful,

We have grown at the college farm two and one-half acres of peas and oats, which are sown on a north slope, the steepest, perhaps, on the farm, and from this plot have harvested five and onethis plot have harvested five and one-half tons of hay, in addition to having pastured on the same plot for five weeks a small herd of the experimental farm cattle. This is an example of farm cattle. This is an example of what can be grown on a small tract carefully tilled.

The farmer who undertakes to mauage a herd of cows under this system nust make ample provisions. One ney, of course, is a government, without elaborate surroundings, cessity, of course, is a good stable. can be built at a moderate cost. It should be planned in a way which will enable the farmer to feed ten acres of available plant food. You could imgood pasture to start off with in the prove the condition of your region by spring. His intention should be to use growing some crop of alfalfa, clover, this ten-acre tract for night pasture vetch or peas, and plow such crops unafter he has commenced to feed the der, as this would put humus in the cows in the stable. He will also need a mower and a horse rake in the field to lessen the labor of cutting and

no up-to-date man would be without a to make more available plant food."— silo. In this part of the state corn is From the Washington State college, past the experimental stage. It always matures on the college farm. The cows are fed the year around, and do well,

Naturally, questions arise relative to the expense connected with the feeding of soiling crops. Over in Ontario, which is without doubt a dairy coun. mustard. Cut the celery into bits half try, soiling and the silo go hand in an inch long and season. Eat at once, hand. Every farmer there will tell you before the vinegar injures the crispness that it would not be possible to keep up the flow of milk in his herd without resorting to these methods. If the silo and soiling crops are necessary in a One cup of molasses; one-half cup of country where, as a rule, they have brown sugar; one-half cup of shortenplenty of rainfall, how much greater is ing creamed with the sugar and mothe necessity for their use in parts of lasses; two well-beaten eggs; one teathe Pacific Northwest where rainfall is specific Northwest where rainfall is not always sufficient?

change of methods in farming is neces- ful of ginger; two cups of flour. Bake case of the rancher who does not own ed, in a slow oven.

Raised Muffins.

Scald a pint of milk and when luke warm add one compressed yeast and bake. When done, cut off the top cake dissolved, half a teaspoonful of of each potato and scoop out the insalt, and two cupfuls and a half of sides with a teaspoon. Mash the potaflour. Beat thoroughly and stand aside toes soft with bot milk, and season until very light-about two hours, with salt and pepper and several spoon-Then add the yolks of two eggs well fuls of grated or Parmesan cheese. Mix beaten, and fold in the well-beaten, well, and return the potato to the skin. and fold in the well-beaten whites. Pack the mass in well. Replace the Stand aside for thirty minutes, and tops of the potatoes which were cut off bake in greased muffin rings or gem

a large acreage, since he cannot grow wheat enough to make more than a bare living. The dairy cow opens the way to a more lucrative pursuit. Trained effort, however, is required to handle this opportunity to the best advantage, An up-to-date farmer nowadays must conscientious effort on the part of the study the problems that confront him, dairyman and every member of his swered in a fairly satisfactory manner.

It is not my intention to say what improved and new methods.

In the eastern part of Washington purposes. That is a problem which the growing of wheat is an almost ex-dairymen should decide for themselves, clusive farming industry, but I believe but, as a rule, the cow to kee, is the the present state of affairs in this re- one which you fancy most and is best spect will in the future become merely suited to the surroundings you have to spect will in the future become merely suited to the surroundings you have to a memory of the past. There will be offer. Pedigree will not make a cow changes. The younger generation of give milk, but pure-bred sires are necfarmers that is growing up around us essary in order to have high class will assuredly adopt different methods.

If I can read the signs of the times correctly, I believe I can safely predict that the state of Washington will, in the near future, become a great dairy.

Insist that the sanitary conditions

wheat-growers. But there are some things he must attend to if he would ucceed.

PRUNING TREES.

Procure Best Results.

From Washington State College, Pullman In response to an inquiry from Sherlock, Professor W. A. Thornber gave the following discussion of pruning:

"When trees produce too much wood, and not enough fruit, or no fruit at all, it is well to prune them very severely in the summer time, say about June; also cut them back at that time. This is to give the trees a given splendid returns. Both alfalfa check, and make them produce fruit buds, rather than wood. Here at the station, in the case of young trees, we Farsighted dairymen now recognize do considerable early spring, or winter the fact that there is a better method of pruning, in order to make the trees feeding dairy cattle than by pasturing, produce large quantities of wood. We are thoroughly convinced that it is quantities of wood, even though you have to cut it out the following spring. This extra growth gives a splendid root development, and this is necessary before you can secure a good tree. In the case of trees that have been graftto pasture a large herd of cows, it move the suckers just as fast as the would be unwise to do so. Every suc- scions seem able to take care of the cessful dairyman wishes his cow to do entire food supply. In cases where the tree is a very rank grower, I frequently leave a few suckers around the graft, so that the graft may become hardened, and not make such a soft

"Another good plan, at times feas ible, is to keep an orchard in grass, that way. The western soils and an The quicker you can get the cow excess of moisture are very conducive he wifilled up," the sooner she will lie down and masticate her food. I vende it is somewhat advisable to grow grass excess of moisture are very conducive he wrote it "lobsterian."—Chicago Tribcomes, if you have the right kind of a ing the growth in this way. Some of cow, and are the right kind of a master, she will not disappoint you.

There are many different kinds of the Cascades, make a practice of crops that can be grown for soiling growing grass in their orchards to prepurposes. Winter rye, oats, barley and oats mixed, peas and oats, clover, and act advise you to make use of any vetch are some of them. A few will kind of fertilizer whatever. A small That can be but under no conditions do we advise meat) - No, madam; ye couldn't har'ly planted in abundance, because as it ap- the use of barnyard manure, or nitro- call it stain. It's jest dirt. It'll warsh proaches maturity it continues to make gen, since this would only exhilarate off. the growth. In your locality, I think you could grow the Gravenstein, Northern Spy, Rhode Island Greening, Jonathan, and probably the Golden Russets

A farmer residing near Larane in-quired about the "common sorrel."

Professor Beattie replied: "This is not an extremely serious weed, although sometimes it does damage. If the sorrel has a tendency to choke out the crop, it is an indication that the land is rather deficient in soil, and improve its condition. On the West side, this weed is very abundant in the worn-out soils, and the farm-For the purpose of winter dairying, ers find it desirable to 'lime' the soil,

always having an abundance of silage.

This process, in my coinion, largely solves the pasture problem.

One bolled egg, one raw egg, one ta blespoonful salad oil, one teaspoonful solves the pasture problem. white sugar, one saltspoonful salt, one saltspoonful pepper, four tablespoonfuls vinegar, one teaspoonful made mustard. Cut the celery into bits half

Molasses Cake.

One cup of molasses; one-half cup ot spoonful of baking sods dissolved is The time is at hand when a radical a half-cup of sour milk; one teaspoon-Especially is this true in the in a sheet in a shallow pan, well great

Stuffed Potatoes.

Choose large potatoes of uniform size and return to the oven until hot all

Then she asked her:

"How long do you boll tea?" "Well, mem," said the young woman, "some folks biles it longer, an' some

shorter. It's all a matter o' taste." "But you do boll it, don't you?" enough to bile any tea. You can git all the stren'th out of it in that time.

A Hard Case. "His wife earns her own money." "Indeed! I did not know she was employed."

"Oh, yes; hard at it all the time." "What does she do?"

"Works him to give it up."-New York Journal,

the up-to-date man. It arrived from lisson's spider. Consoler of the unfor-Paris and is called the King Edward tunate prisoner, it perished because it hat. This masculine headgear is built listened too closely to the captive's vioon the lines of the feminine flower pot lin. The jailer saw it and crushed it lid and is blocked to resemble the hel- brutally. Gretry, the composer, speaks met that the man who pounds the pave of a favorite spider which descended wears. The hats are made of the same along its thread upon his plane as soon material as the ordinary black derby. as he played it. When giving recitals Instead of a ribbon bow on the band at Brussels Rubinstein saw a large a buckle clasps it. Several people who spider issue from the floor of the platarrived from Paris recently wore the form and listen to the music. He gave new lid. They say the King Edward three concerts at the same hall, and hat was introduced to France on the on each occasion the spider appeared. king's recent visit.

Vacations' Hardships. Gwilliams-Have a good rest at that summer resort up north?

Sflint-I did, but it was pretty hard on the girls. They had to walk nearly a mile to mail their picture postcards. Chicago Tribune.

Righteous Kick.

"The other day," said the caller, "I sent you an item to the effect that I had gone up into Wisconsin on a week-end

"Well?" said the society editor. "Well," rejoined the indignant caller, "you printed it 'weak kneed' trip!"

Powerful Explosives. "What are the most powerful explo-

sives known?" queried the young man. "Two prima donnas in one opera ompany," replied the ex-theatrical manager.-Chicago News,

When the Dime Museum Burned. They got the fat woman out

using a pair of strong derricks; And when she saw she was safe She promptly went into hysterics. -Chicago Tribune.

Typographical Error. Kutten-I was surprised when this

said I had a "Websterian intellect.

rning's Thunderbolt, in referring to me,

Dryde-So was the editor. He told me Lost Its Potency. "So you no longer use buttermilk?"

banks; "if I drank a gallon of the stuff a day the papers wouldn't notice it."-Philadelphia Press.

"What's the use?" returned Mr. Fair-

Correcting a Misapprehension. Philanthropic Housewife—You are sad-ly travel stained, aren't you? Wareham Long (tackling the cold

Plagiarism.

"I heard Crittick remark that some of the passages in your comedy were worthy of Congreve," said the playwright's friend.

"My!" exclaimed the playwright. "That's too bad!"

"Why, that means a compliment-"It doesn't. It means that he's on to me."-Philadelphia Press.

Mrs. Wickersham had advertised for an experienced cook. The first applicant who came in answer to the advertisement was a stout, red-haired young

free from all blemishes and eruptions; but when some acid humor takes root in the circulation, its presence is quickly manifested by some form of skin disease. The skin receives its necessary nourishment and strength from the blood. When, however, this vital fluid becomes a humor-laden stream, it can no longer preserve the healthy, natural appearance of the skin, but by its acrid, impure nature continually irritates and inflames the delicate tissues and fibres and keeps the cuticle in a diseased and disfigured condition. External applications cannot reach the blood, and therefore are beneficial "Oh, yes, cert'nly; but I've allus only for their ability to reduce inflammation, and assist in keeping the parts thought that two hours was long clean. To cure any skin trouble the blood must be purified of the humors that are causing the trouble. S. S. S. drives out the humors from the blood so that the skin, instead of being irritated and diseased, is nourished by a healthy, cooling stream. S. S. S. goes down into the circulation and removes every particle of impure matter, all acids and humors, and restores the blood to its normal, pure condition, thereby curing every form of skin disease or affection. Book on skin diseases and any medical advice free to all who write. THE SWIFT SPECIFIC CO., ATLANTA, GA.

A Musical Spider.

The extraordinary musical sensitiveness of spiders has several times been There is a new belfry covering for proved. Every one has heard of Pel--Paris Revue.

Forebodings.

The tortoise, having won the race with the hare, was boasting of the exploit.
"Some day, young fellow," said an old tortoise, eying the braggart with dis- Count Fucash and his wife's relafavor, "that speed madness of yours will be the death of you."

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Result of His Observation.

"Conductor," said the haughty passe ger, "you ought to know by this time that

I always get off at Goethe street.' "I suppose I ought, madam," responded the street car conductor, touching his cap, "but that's where most people fall down."-Chicago Tribune.

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"Yes. They say his conduct was atroctous."

"Surely he didn't beat his wife!" "No. But he beat his father-in-law out of several hundred thousand."-

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The Stone Did It. "What's the matter, old man; bust-

"'Busted' doesn't express it. I'm lit-

erally stone-broke."

Washington Star.

"What do you mean?" "It was buying a soltaire ring for

my girl that broke me."-Philadelphia

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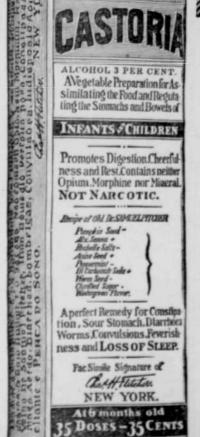
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