

Troublesome Weeds a Menace to Alfalfa

(Prepared by the United States Department of Agriculture.)

Weeds are, perhaps, the greatest enemy of the alfalfa crop, says the United States Department of Agriculture. Dodder, which acts as a parasite on alfalfa plants, is very objectionable in seed-producing districts. It does not ordinarily give much trouble in fields that are devoted entirely to the production of hay, but nevertheless there is great prejudice against seed contaminated with dodder, and most states have stringent laws against the selling of seed containing it. It is relatively easy to kill out patches of dodder in a hay field.

Other troublesome weeds are blue-grass and quack-grass in northeastern United States; crab-grass and Bermuda-grass in the central and southern states; and foxtail or wild millet in the Middle West and the great plains. In the irrigated sections of the West the wild barleys, also known as foxtail and squirrel-tail grass, are decidedly troublesome, as the beards ruin the first crop of hay for feeding unless it is cut very early.

Where weeds are troublesome in the West, wheat is sometimes drilled in the alfalfa in the fall, and as it comes on early the growth of weeds is checked. The first cutting of hay the following spring consists of a mixture of alfalfa and wheat. Cultivation of established stands of alfalfa may help to hold weeds in check, but unless done with considerable care the crop may suffer. The best way to fight weeds is to make conditions so favorable for alfalfa that they are smothered out.

When weeds become abundant in an alfalfa field it is usually better to plow up the field and make a fresh start than to try to rogue them out.

Vaccination Recommended for Control of Blackleg

Regardless of the perfection achieved in the control of blackleg the disease continues to exact considerable toll every year. Treatment of the sick animals, of course, is fruitless. After death the carcasses should be disposed of by deep burying or, better still, by burning. The best way to combat the disease is by building up immunity in susceptible animals by vaccination. It should, however, be remembered that protection is not built up until after eight to ten days after vaccination. When the immunity or protection is once established, it continues from fifteen to eighteen months. Ordinarily calves under six months and cattle over four years are not vaccinated, the disease being most prevalent between these two ages.

Clean Chicken House to Eradicate Harmful Mites

To eradicate mites a thorough cleaning of the chicken houses and spraying with a suitable disinfectant having a sufficient body is all that is necessary. All roosts, loose boards, and boxes should be removed and the disinfectant applied in the form of a rather coarse spray, using a suitable pump. Some of the best materials for the purpose are the so-called wood preservers which consist of anthracene oil and zinc chloride. As a mixture of this kind is a little too heavy to spray well, it may be thinned with an equal part of the kerosene. Crude petroleum is almost equally effective and is usually cheaper. It should be thinned by adding one part of kerosene to four parts of crude oil.

Outline of Method for Seeding Sweet Clover

A good method of seeding sweet clover or other clovers is to sow it on oats ground. It may be sowed at the same time and with the same machine if a drill with grass seed attachment is used; or it may be sowed after the oats are sowed and the seed covered by harrowing or rolling. Sweet clover is not likely to smother out the oats, though on some timber lands which are rich in minerals and poor in organic matter it might happen that the clover would tend to check the growth of the oats. If the land is rich enough in organic matter to grow good oats the clover will not be likely to injure the oats to any extent.

Milk Indispensable in Feeding Young Chicks

It is generally agreed that sour milk or buttermilk should not be fed to chicks in galvanized containers. When fed, glass, porcelain or earthenware utensils should be used. The lactic acid in the milk may act on the galvanized containers, resulting in a chemical combination which may prove poisonous, resulting in chick losses. Milk is indispensable in feeding chicks, and if properly fed there is absolutely no danger in feeding it. Perhaps the type of container has been responsible for the occasional report of unsatisfactory result in feeding milk. It is, of course, necessary to keep the utensils clean.

Soy Beans Provide Feed for Dairy Cow in Winter

In order to provide a winter's supply of cow hay equal to alfalfa in feeding value, try soy beans. In ordinary seasons a crop of soy beans grown immediately after the removal of the wheat crop will yield from one to two tons of hay an acre. The wheat stubble should be plowed and the beans drilled at the rate of 40 to 60 pounds an acre any time up to August 1, earlier seeding being preferred.

July Clearance Sale

This is the most extensive sale which is offered you at reduced prices for quick clearance of summer stocks. The entire store is overflowing with new things that we simply must clear. Sizes were never more ample in range at clearance sale time. Here are just a few pages from the book of bargains whose wonderful reductions you may profit by during this clearance of all spring and summer stocks.



A DRIVE ON DRESS GOODS TO CLEAR BIG ASSORTMENT

Every piece of goods in our store has been re-marked at reductions so deeply cutting the price that it will pay you to buy now for fall and winter wear.

Choice of yard wide crepe de chene in fashionable and wanted shades, July clearance sale price a yard.....\$1.89

Choice of yard wide taffeta, color selection good but yardage of this lot is limited; come early; choice a yard.....\$1.79

44-inch all wool plaid skirtings, regular \$2.50 value, yd.....\$1.95

One lot 42 inch to 48 inch all wool dress goods, a half dozen colors to select from, regular \$2.25 values, choice yd.....\$1.79



A CLEARAWAY OF FASHIONABLE AND STAPLE READY TO WEAR FOR WOMEN

Whether you seek a suit, a wash dress, or out-door sports wearing apparel, here are opportunities to select from garments of high quality at prices representing savings of several dollars.

Regular \$25 "Palmer" brand dresses, choice.....\$18.75

Choice one small lot summer coats.....Half Price

All sweaters reduced in regular price.....25%

All regular \$4.50 wash dresses, choice.....\$3.38

All regular \$6.00 wash dresses, choice.....\$4.75

One large lot twelve styles house aprons, regular \$1.25 values, choice each.....98c

All style outing suits reduced in regular price.....25%

Women's wool and cotton outing knickers, reduced in regular price.....20%



Crisp New Blouses Fresh From the Factory at Low Clearance Prices Which Bid You to Buy

Over-blouses in all the season's favorite styles, both silk and cotton wash waists—all priced so reasonable that every woman can afford to purchase one or more. You will like them.

One lot including eight different styles in a full size range.....95c
Six styles regularly priced at \$1.95, choice each.....\$1.39
Five styles, all new novelties, regularly priced at \$2.50, at.....\$1.98
A score of new novelty styles in silk, all reduced in reg. price 25%



CLEARANCE SALE OF OXFORDS AND LOW FOOTWEAR FOR MEN AND WOMEN

This is our annual clearance of low shoes—the time when we dispose of all styles that we do not wish to carry over. To be sure some of them are broken sizes but many of the styles are very newest and your size is awaiting you in some of the styles at a real price saving.

Men's Oxfords
Regular \$5.00 values, choice a pair.....\$4.25
Regular \$6.00 values, choice a pair.....\$4.85
Regular \$6.50 values, choice a pair.....\$5.25
Regular \$7.00 values, choice a pair.....\$5.50

Women's Low Shoes
Regular \$4.50 values, choice a pair.....\$3.49
Regular \$5.00 values, choice a pair.....\$4.19
Regular \$6-\$6.50 values, choice a pair.....\$4.95
Regular \$7-\$7.50 values, choice a pair.....\$5.95



READ THESE CONDENSED SALE SAVINGS BUY TODAY

32 inch zephyr gauzhams, 35c value, a yard.....29c
27 to 30 inch Japan cotton crepe, a yard.....23c
32 1/2 yard wide fine thread percale, a yard.....27c
50c and 60c wash goods, choice a yard.....39c
Yard wide colored outing flannel, a yard.....23c
Regular \$1.50 silk stockings, one lot, a pair.....\$1.19
One lot of women's waists, choice.....Half Price



TIME TO RENEW YOUR SUMMER "STRAW"

And you can get your choice of these snappiest of the season's hats at little more than you would pay to get your old one cleaned.

A Saving Here of Exactly One-Third
50c work hats now.....34c
75c work hats now.....50c
\$1.50 sailor hats now.....\$1.00
\$2.00 sailor hats now.....\$1.33
\$3.00 sailor hats now.....\$2.00
\$3.50 panamas now.....\$2.34
\$5.00 panamas now.....\$3.33

JULY CLEARANCE OF MEN'S NEEDED SUMMER FURNISHINGS

Here is a Bargain in Dress Shirts for You Men, at \$2.69

The shirts in this lot are mostly our regular \$3.50 styles, all fresh and new. All are silk mixtures and the kind you will be glad to own and especially at this real saving in price. There is a generous selection of styles and sizes.



Clearance Sale of Men's Underwear

Here they go—athletic style, long and short sleeve style, ankle or knee length—all at reduced prices for quick clearance right in the midst of the season when you need plenty of underwear changes.

Our regular \$1.25 union suits now.....95c
Our regular \$1.45 union suits now.....\$1.19
Our regular \$1.65 union suits now.....\$1.39
Our regular \$2.00 silk stripe union suits.....\$1.69

JULY CLEARANCE OF WOMEN'S UNDER WEARING APPAREL—THERE IS A SAVING IN EACH ITEM

Regular \$1.95 cotton charmeuse bloomers, on sale a pair.....\$1.39
Choice one lot \$1.25 silk camisoles, each.....95c
New style elastic brassiere, flesh pink, extra special.....49c
85c band top unions.....69c
65c value bodice top unions 53c
75c value mercerized vests 59c
35c value lisle thread vests 27c
50c value band top unions 39c



SWIMMIN' DAYS ARE HERE, MAKING THIS CLEARANCE SALE OF BATHING SUITS ALL THE MORE TIMELY



The next two months are the real days for swimming and this timely sale offers you an opportunity to save and to buy a suit at the lowest price. You do not have to pay more for good bathing suits if you select them here. Choice one lot cotton suits including styles for men, women, boys, girls, regular \$1.25 to \$1.75 values, your selection, each.....95c
\$3.50 wool suits now \$2.63
\$4.50 wool suits now \$3.37
\$6.00 wool suits now \$4.50
\$6.50 wool suits now \$4.88

HERE IS A SAVING IN EVERY ITEM FROM OUR GROCERY DEPARTMENT—ORDER TODAY City Delivery—Phone 33

25c size 15 1/2 oz. tall can sardines.....10c
Large can unseasoned rice and milk, ready to eat, 5c
30c can mackerel or kippered herring.....19c
14 oz. can assorted fruit jam, special 3 for.....25c
No. 2 1/2 can Monopole brand cooked sweet potatoes 15c
No. 1 can Van Camp's clam chowder, 2 for.....25c
Oregon grown soft shell walnuts, lb.....15c
Pound can Royal Club coffee and one can Sunbrite cleanser for.....45c
Pound can Guittard's pure ground chocolate, half pound can free, both for.....35c
30c package Wheat Hearts, Flap-Jack flour, Olympic pastry flour, Olympic rolled oats, any assortment, 4 packages for.....\$1.00
15c can Norwegian sardines, packed in pure olive oil, 2 cans for.....25c

Umphrey & Mackin
THE QUALITY STORE—GOOD SERVICE

NOTICE FOR PUBLICATION.

Department of the Interior, U. S. Land Office at Roseburg, Oregon, July 9, 1923.
Notice is hereby given that Lee Thomson, of Dorena, Oregon, who on August 20, 1920, made homestead entry serial No. 013349 for 8 1/2 NW 1/4, NW 1/4, SW 1/4, Section 35, Township 23, South, Range 2 West, Willamette Meridian, has filed notice of intention to make three-year proof to establish claim to the land above described, before E. O. Immel, U. S. Commissioner, at his office at Eugene, Lane County, Oregon, on the 23rd day of August, 1923.
Claimant names as witnesses: C. D. VanValin, of Dorena, Oregon; R. A. McKinley, of Dorena, Oregon; J. H. Kirk, of Dorena, Oregon; Charles Teeters, of Dorena, Oregon.
W. H. CANON, Register.

NOTICE TO CREDITORS.

Notice of final settlement in the matter of the estate of George Salton, deceased.
Notice is hereby given that the undersigned has filed her final account as executrix of the last will and testament of George Salton, deceased, with the County Clerk of Lane County, Oregon, and an order has been made and entered of record directing this notice and setting the 10th day of August, 1923, at the hour of ten o'clock in the forenoon for the hearing of objections, if any, to said final account, and for the settlement of said estate.
Dated and first published this 13th day of July, 1923.
ESTELLA I. SALTON, Executrix of the last will and testament of George Salton, deceased.
Herbert W. Lombard, Attorney for estate. jly13ag10

CALL FOR BIDS.

Sealed bids will be received by the board of directors of School District No. 61, Black Butte, Oregon, for a play shed 24x24 feet and 8-foot eaves; a wood shed 12x14 feet; and for painting of the school house, 20x30 feet, inside and out, and belfry, on or before July 23. For particulars phone 11-82.
THOS. FUNK, Chairman.
Jly13-20p

for Jewelry, Watches and Watch Repairing

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Cottage Grove Oregon

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for the convenience of our patrons.
Barber work in general. Special attention given to children.
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630 Main, P. S. Bukowski, Prop.