

# Farm and Garden

## FOUL CLOVER SEED.

Makes It Plain Where the Weed Crop Comes From.

The Connecticut experiment station is doing a great work in testing clover seed. It obtained fifty-one samples of the seed just as it is sold by Connecticut seed dealers. These samples were tested for weed seeds and also to see what per cent of the clover seed would sprout. The result of the test shows that only one-sixth of the seed as sold was fit to use. Three samples were adulterated with a worthless plant, and forty-one had more or less dodder, the most dangerous weed or parasite which can get into the crop.

Few days pass without a complaint from some one who finds the dodder in his clover. Samples are often sent in showing the clover plants strangled by a pest which twines around them and sucks their life away. The cut shows a mild form of the affliction. Think of putting the seeds of this curse into the ground when you seed your clover! Yet that is just what is being done when we buy ordinary clover seed. In one sample of this Connecticut clover seed 4,411 seeds of the dodder



DODDER ON CLOVER PLANT.

were in one pound of clover seed. In that same sample there were 12,709 seeds of plantain, 1,855 of foxtail, 1,617 of sorrel, 226 of blueweed, 2,147 of lamb's quarters, 1,808 of wild carrot, 223 of curled dock, 1,243 of tumbleweed and many others, making a total of 44,522 weed seeds in a pound. In another sample there were 78,044 weed seeds in one pound sold as clover seed. Just imagine what a farmer does when he sows six or eight pounds of such stuff on an acre!

Another thing was the low quality of the clover itself. It has been demonstrated that the heaviest seeds give the strongest plants during early growth and in most cases largest yields. This Connecticut bulletin states that clover seed of average quality should run 52,000 to the pound. While lighter seed may give a greater number of plants, a greater proportion of them would die out or do poorly. In twenty-six out of fifty-one samples the seeds weighed less than the standard. As for vitality, the average of these fifty-one Connecticut samples was 80.5 per cent—that is, the number out of a hundred strong enough to put out a sprout. One sample showed only 61.2 per cent of seeds with any life to them. One sample was so poor that only 48.1 per cent of the seed was clover, and only 84 per cent of that would sprout. Three samples were evidently adulterated with black medick. Seed of this plant is imported from Germany expressly to adulterate clover seed. It is so much like clover seed that an expert is needed to detect it. In one sample there were 11,615 seeds of dodder in one pound of clover. With a seedling of eight pounds per acre this means two seeds of dodder to each square foot, and tests prove that this dodder is not dead seed.

**Timely Hints.**

There are contrivances to put on plows that pulverize the soil as you go along. Each round drag or coulter has the last furrow.

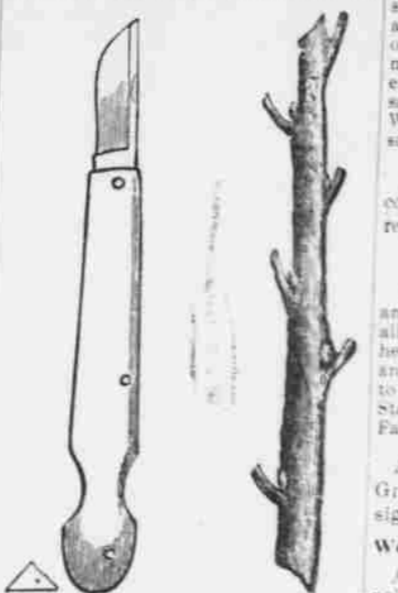
The man who does not have to stop to scow his plows and shovels isn't lucky. He's thrifty and careful.

The state of Kansas owns a proprietary poison for killing prairie dogs and poppers. It is made at the experiment station and sold at cost to farmers.

## HOW TO BUD.

May Be Done Even by One Who Is Inexperienced.

It is not yet too late to bud fruit trees. Keep a sharp knife. Cut the twig from the tree from which you wish to bud. Cut out a vigorous bud, with about a half inch or more of bark and wood below the bud and about an



BUDDING KNIFE. BUD STICK.

eight or a quarter of an inch above the bud. Cut off the leaf in the axil of which lies the bud to within an inch or so from the bud, leaving only the bottom as a handle to assist you in the operation. Now cut out all the wood from the bark save a very little under the bud. Some cut it entirely out.

Cut through the bark of the tree stock the letter T and with an ivory or polished bone blade or something that is thin and smooth open or separate the bark from the wood sufficiently to insert easily the bud and no more, then quickly smooth the raised bark over the bark below and above the inserted bud. Wind and tie around the tree stock and insertion, commencing at the bottom, strips of bass matting, leaving only the bud exposed to the air. You can tell within two or three weeks whether the buds have set or not. If they do not the buds will dry up, shrivel and die, but if successful they will look vigorous.

In from two to three weeks cut the strips of matting and remove them, thus giving all a chance to expand. In the spring if your buds do not winter kill, as peach buds sometimes do, they will shoot forth and, weather and insects permitting, in due time will bear you an abundant harvest.

In the spring, after the bud has started to grow, remove the top of the



BUD IN POSITION. BUD COMPLETE.

tree or branch to within a few inches of the bud, so that the sap will flow generally down into it, and as the shoot ascends it will take the remaining stock to prevent the winds wrenching and breaking it. Peach trees are budded, and so are most kinds of stone fruit.

## Saving Waste Land.

The people of Denmark are fast reclaiming their waste land by the labor of convicts. In Jutland there is a large undeveloped territory of almost barren waste covered with a tough, heathly undergrowth. The government sets the prisoners at work breaking up the tough surface and putting it into shape for farming. Even then the land is at first of very low grade, and it is given away to settlers who care to take possession.

Through their efforts many farms have begun to dot the Jutland landscape, and trees are seen where formerly were unbroken stretches of barren land. Many acres of good grain bearing land have been built up by the patient toil of the Danish convicts. The experiment may be a valuable hint for other countries during the present period of hard times, which seems to be almost worldwide in its extent. The great number of unemployed as well as the convicts might be set to work and kept out of mischief in reclaiming the waste lands.

Foley's Honey and Tar cures coughs quickly, strengthens the lungs and expels colds. Get the genuine in a yellow package. Stairin Drug Co.; M. L. Thompson, Falls City.

Tule lake will be drained and its bed converted into farms.

## Saved His Boy's Life.

"My three year old boy was badly constipated had a high fever and was in an awful condition. I gave him two doses of Foley's Orino Laxative and the next morning the fever was gone and he was entirely well. Foley's Orino Laxative saved his life." A. Wolkush, Casimer, Wis. Stairin Drug Co.; M. L. Thompson, Falls City.

A Marshfield man has made a table comprising 1,000 pieces of wood and representing a great many varieties.

## Are You Only Half Alive?

People with kidney trouble are so weak and exhausted that they are only half alive. Foley's Kidney Remedy makes healthy kidneys, restores lost vitality, and weak, delicate people are restored to health. Refuse any but Foley's. Stairin Drug Co.; M. L. Thompson, Falls City.

A pippin apple on display in Forest Grove is two years old, and shows no signs of decay.

## Woman Interrupts Political Speaker.

A well dressed woman interrupted a political speaker recently by continually coughing. If she had taken Foley's Honey and Tar it would have cured her cough quickly and expelled the cold from her system. The genuine Foley's Honey and Tar contains no opiates and is in a yellow package. Refuse substitutes. Stairin Drug Co.; M. L. Thompson, Falls City.

A Vernonia peach measured 9 1/2 inches in circumference.

## Married Man in Trouble.

A married man who permits any member of the family to take anything except Foley's Honey and Tar, for coughs, colds and long trouble is guilty of neglect. Nothing else is as good for all pulmonary troubles. The genuine Foley's Honey and Tar contains no opiates and is in a yellow package. Stairin Drug Co.; M. L. Thompson, Falls City.

The great acreage of Fall wheat in the Waldo Hills is looking fine.

## Widow Mortgage the Farm.

A farmer on Rural Route 2, Empire, Ga., W. A. Floyd by name, says: "Buckley's Arnica Salve cured the two worst sores I ever saw; one on my hand and one on my leg. It is worth more than its weight in gold. I would not be without it if I had to mortgage the farm to get it." Only 25c at Belt & Cherrington drug store.

Lake county has a fine new Court-house, all paid for, and \$50,000 in the treasury.

## A Healthy Family.

"Our whole family has enjoyed good health since we began using Dr. King's New Life Pills, three years ago," says L. A. Bartlett, of Rural Route 1, Guilford, Maine. They cleanse and tone the system in a gentle way that does you good. Only 25c at Belt & Cherrington drug store.

There is not an empty store building or residence in Union.

## Where Bullets Flew.

David Parker, of Fayette, N. Y., a veteran of the civil war, who lost a leg at Gettysburg, says: "The good Electric Bitters have done me more good than five hundred dollars to me. I spent much money doctoring for a bad case of stomach trouble, to little purpose. I then tried Electric Bitters, and they cured me. I now take them as a tonic, and they keep me strong and well." 50c at Belt & Cherrington drug store.

## Had a Close Call.

Mrs. Ada L. Croon, the widely known proprietor of the Croon Hotel, Vaughn, Miss., says: "For several months I suffered with a severe cough, and consumption seemed to have its grip on me, when a friend recommended Dr. King's New Discovery. I began taking it, and three bottles cleared my complexion, cured my backache and the irregularities disappeared, and I can now attend to business every day, and recommend Foley's Kidney Remedy to all sufferers, as it cured me before the doctors and other remedies had failed." Stairin Drug Co.; M. L. Thompson, Falls City.

## A Jeweler's Experience.

C. R. Klinger, the Jeweler, 1000 Virginia Ave., Indianapolis, Ind., writes: "I was so weak from kidney trouble that I could hardly walk a hundred feet. Four bottles of Foley's Kidney Remedy cleared my complexion, cured my backache and the irregularities disappeared, and I can now attend to business every day, and recommend Foley's Kidney Remedy to all sufferers, as it cured me before the doctors and other remedies had failed." Stairin Drug Co.; M. L. Thompson, Falls City.

## Street Improvement Notice.

To Silas Orchard, Estate John Ellis, deceased, Wm. Ellis, Trustee, Mark Hayter, A. N. Hadley, Eliza Shelton, Mary E. Berg, J. Hanson, Emma Hanson, Mary E. Hayes, J. W. Boyer, Julia Boyer, Mabel Martin:

Notice is hereby given that the City Council of the City of Dallas, Oregon, contemplates the passage of an ordinance requiring the improvement of those certain streets or parts of streets in said city, adjacent to and adjoining the herein below described lots or parts of lots or parcels of ground in the manner following, to-wit: By the construction of a new sidewalk 3 feet 4 inches wide (1) on the west side of Stump Street adjoining lots 2, 3 and 4, Block 17, in Ellis Addition to Dallas; (2) on the west side of Stump Street adjoining Lot 5 Block 17, in Ellis Addition to Dallas; (3) on the South side of Ash Street, adjoining Lot 6 in Block 1, Fairview addition to Dallas; (4) on the west side of Hayter Street, adjoining Lots 1 and 2 in Block 20 in Ellis Addition to Dallas; (5) on the west side of Hayter Street adjoining Lots 3 and 4 in Block 20 Ellis Addition to Dallas; (6) on the west side of Hayter Street adjoining Lots 5 and 6, Block 20 Ellis Addition to Dallas; (7) on the East side of the county road adjoining Lot 1 Block 1, Germantown Addition to Dallas; (8) on the East side of the county road adjoining Lot 3, Block 2 Germantown addition to Dallas; (9) on the East side of the county road adjoining Lot 4, Block 2 Germantown addition to Dallas; (10) on the East side of the county road leading from Dallas to Salem, adjoining that piece or parcel of land described as beginning 340 feet N. 21 degrees E. from where Dallas and Salem County road intersects the S. line of Old Dallas Township; thence E. 216 feet; thence N. 108 feet; thence W. 173 feet; thence S. 21 degrees W. 119 feet to place of beginning; all of the above described lands being in Dallas, Polk County, Oregon.

That the said sidewalks will be constructed of lumber at the time and in the manner to be hereafter prescribed by said Ordinance.

That the cost of said sidewalk to be assessed to the above described property fronting and abutting thereon.

That the City council will sit in the council chamber in said city on the 21 day of November, 1908, at 7:30 o'clock in the evening, to hear and determine objections and remonstrances thereto, if any there be; and that all owners and other persons in interest may attend at said time and place and show cause, if any they have, why said sidewalks should not be constructed.

Done by order of the city council of the city of Dallas made on the 19th day of October, A. D. 1908.

Witness my hand and the official seal of the said city of Dallas, this 22d day of October, 1908.

L. D. BROWN,

(Seal) Auditor and Police Judge of the City of Dallas, Oregon.

**TOWER'S FISH BRAND WATERPROOF OILED CLOTHING**

looks better—wears longer—gives more bodily comfort because cut on large patterns, yet costs no more than the just as good kinds

**SUITS \$300 SLICKERS \$300**

SOLD EVERYWHERE

Every garment bearing the sign of the fish is guaranteed waterproof

TOWER'S FISH BRAND CATALOG FREE

A. J. TOWER CO. BOSTON, U.S.A.

**KILL THE COUGH AND CURE THE LUNGS**

WITH **Dr. King's New Discovery**

FOR COUGHS, COLDS, AND ALL THROAT AND LUNG TROUBLES.

GUARANTEED SATISFACTORY OR MONEY REFUNDED.

## THE PENALTY OF OVERWORK

Many Dallas Readers Find Toil A Daily Burden.

The heavy tax of overwork—the strain upon the back that is so common to many trades and occupations, is too great. The kidneys begin to fail in their work, and there is a double danger to health. The poisonous matter collects in the system, and the kidneys themselves begin to break down. Pain in the back is only a warning of trouble in the kidneys. An inflammation has set in, and a disordered condition of the urine soon becomes apparent. Too much or too little urine, with a constant desire to void the secretions; any noticeable deviation from the normal color; the appearance of a sandy sediment, proves a disordered condition of the kidneys that needs quick attention. If your work seems hard for you, if you have a lame, weak or aching back, if you seem tired and listless, and seem to be running down without apparent cause, begin at once with Doan's Kidney Pills, the great kidney remedy that has cured so many of your neighbors. It has given thousands of working men and women strong, sound backs for their daily work.

Home proof is convincing evidence of the efficiency of Doan's Kidney Pills. Call at Belt & Cherrington's drug store and ask to see statements of Dallas people who have used this remedy.

For sale by all dealers. Price 50 cents. Foster-Milburn Co., Buffalo, New York, sole agents for the United States. Remember the name—Doan's—and no other.

## How's This!

We offer One Hundred Dollars Reward for anyone who can furnish information as to the whereabouts of Harry's Catarrh Cure.

F. J. CHENEY & CO., Props., Toledo, O. We the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

WENY & CATARRH CURE is taken internally, acting directly upon the blood and mucous surfaces of the system. Price, 75c per bottle. Sold by all Druggists. Testimonials free.

Harry's Family Pills are the best.

**NEISS & CONNAWAY PHOTO ENGRAVERS**

ARTISTS ILLUSTRATORS

Makers of PRINTING PLATES by STATIONERY PRINTING

NEW PAPER ILLUSTRATIONS MAGAZINE AND BOOKLET COVERS AND ILLUSTRATIONS COMIC AND SOUVENIR POST CARDS CATALOG & LABEL ETC.

109 SECOND STREET PORTLAND OREGON

**The Secret of a Beautiful Face**

lies in keeping the skin protected as well as cleaned. Just washing is not enough—that only leaves the delicate surface more exposed to the irritation of dust and germs; to merciless attacks of sun and weather. After washing, apply Robortine and experience its delightful refreshment. You will admire the line-ness softness it imparts to face, neck and arms. It not only stimulates a radiant glow, but protects the skin from becoming coarse. Prevents burning, tan and freckles.

Robortine

**WINTER COLDS you need not fear them if you use BALLARD'S HOREHOUND SYRUP**

A cough or cold is generally a forerunner of many serious sick spells. It should not be neglected, the human breathing system is a combination of tubes and coils, which must be kept in order to insure good health.

**Ballard's Horehound Syrup CURES COUGHS, COLDS, BRONCHITIS, WHOOPING COUGH, CROUP AND ALL PULMONARY DISEASES.**

**Cured of a Chronic Cough.**

J. H. Ellis, Butte, Mont., writes: "I cheerfully recommend Ballard's Horehound Syrup to all people afflicted with chronic coughs. I suffered for years with a chronic cough which would last all winter. Ballard's Horehound Syrup effected an immediate and permanent cure."

25c, 50c and \$1.00.

**Ballard Snow Liniment Co.**

500-502 North Second Street, ST. LOUIS, MO.

Sold and Recommended by **STAFRIN DRUG COMPANY**

**CONSTIPATION**

You have tried all kinds of pills, waters and cathartics for Constipation and Liver Complaint. Now get the REAL Cure. Take NR Tablets and see how much better they are. No other difference in results. They act better than the minute you take them. They break you up and put new life in you, make you feel stronger and better, because they are made to reach into the entire digestive system. One dose will convince you—Get a 50c box.

**BETTER THAN PILLS FOR LIVER ILLS.**

To A. H. Lewis Medicine Co., St. Louis, Mo.

**Nature's Remedy NR TABLETS-NR**

BELT & CHERRINGTON, Dallas, Oregon.

**FRIEND TO FRIEND.**

The personal recommendations of people who have been cured of coughs and colds by Chamberlain's Cough Remedy have done more than all else to make it a staple article of trade and commerce over a large part of the civilized world.

**AN INSTANCE.**

Lucy Suddeth, of Lenoir, N. C., had been troubled with a very bad cough for over a year. She says: "A friend bought a bottle of Chamberlain's Cough Remedy, brought it to me and insisted that I should take it. I did so and to my surprise it helped me. Four bottles of it cured me of my cough."

**THE KING OF CURES**

**DR. KING'S NEW DISCOVERY**

**FOR COUGHS AND COLDS AND ALL THROAT AND LUNG DISEASES PREVENTS PNEUMONIA AND CONSUMPTION**

"Two years ago a severe cold, settled on my lungs and so completely prostrated me that I was unable to work and scarcely able to stand. I then was advised to try Dr. King's New Discovery, and after using one bottle I went back to work, as well as I ever was."

W. J. ATKINS, Banner Springs, Tenn.

PRICE 50c AND \$1.00

SOLD AND GUARANTEED BY **BELT & CHERRINGTON, Dallas, Oregon**

**THE NEW IDEA THE ORIGINAL LAXATIVE**

**KENNEDY'S LAXATIVE HONEY AND TAR**

Moves the Bowels Best for Children Red Cross Emblem on Every Bottle

For Sale by Druggists.

**FOLEY'S KIDNEY CURE**

Cures Backache Corrects Irregularities Do not risk having Bright's Disease or Diabetes

Will cure any case of Kidney or Bladder Disease not beyond the reach of medicine. No medicine can do more.

For Sale by **STAFRIN DRUG CO. Dallas, and M. THOMPSON, Falls City.**