

FARM AND GARDEN.

CANADA THISTLES.

Prospects of Their Destruction by a Natural Enemy, the Root.

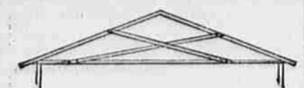
The Canada thistle is synonymous with all that is evil. It steals its way into the richest soil...

It is therefore with much delight that an enemy is announced upon the dreaded thistle that may work the downfall of the vegetable arch-foe...

One of the most interesting points in connection with this enemy to the thistle and friend of man is the fact that it spreads with considerable rapidity.

If, as seems evident, we have a staunch friend in this rust of the thistle, it becomes us to study its habits and favor it in our thistle fields...

A Good Support for Rafters. A very cheap and strong arrangement to prevent the weight of either steep or flat roofs spreading apart...



STRONG RAFTER-TIES.

the distance from the top, nailing the other end to the beam, or, in absence of a beam, to the studding or joists.

The Jersey organ says that it makes a mighty sight of difference—or words to that effect—what kind of a good cow you have.

The Kansas City Live Stock Exchange in its resolutions, describing the purity and sweetness of caul fat...

In nine cases out of ten failures are caused by the man—not the hen, market or climate.

A LAND MEASURE.

A Simple and Accurate Device for Measuring Your Fields.

Take a flat hoop from the flour barrel, loosen the tacks which hold the ends together and expand or contract the hoop so it will measure just 5 1/2 feet around it...

Now we have, on a large scale, just such a tool as blacksmiths use for measuring the inside of wagon tires.



LAND MEASURE.

1,444 square turns. As 1,444 square turns equal one acre, we find we have a space 11 feet square more than an acre.

A WORD OF CAUTION.

The Spontaneous Combustion of Wheat in the Bundle.

A correspondent of the Breeder's Gazette writes: Several instances of barns being consumed by fire originating from spontaneous combustion of hay or straw...

Mr. Samuel B. Perry, of Jefferson, O., was hoeing in his garden after a super hour while it was yet light, and on looking up from his work he saw fire shining through cracks in his barn.

The fire when it first broke out was in that part of the mow where the two loads were first put. Being on a farm and no help present but his wife he could not put out the fire or save his barn.

HORTICULTURAL HINTS.

CATTLE or horses should not be pastured in an orchard.

FRUIT mulching is too much neglected. A good mulch not only helps the growing crop, but enriches the soil for future crops.

ALL fruit trees should be trained low. The lower limbs should never be higher than to adapt the orchard to convenient culture.

ENGLISH ivy can be planted with success on the north side of buildings, but where it gets much sun in winter it will not thrive.

The Minnesota experiment station has had excellent results in spraying native plums with London purple to kill the curculio.

A PEAR or apple orchard planted in grass, kept in grass, starved by grass, will "go to grass" speedily, and ought to, otherwise it encourages shiftlessness.

It takes an extra good farm and extra good farming to yield six per cent. on the capital invested. Consider this before you borrow money to buy more land.

Some Pennsylvania fruit growers raise tobacco in their orchards, and do it successfully. But they don't allow any weeds to grow there except the tobacco weed.

Home-Seekers' Excursions.

Take advantage of the cheap excursions offered by the CHICAGO, ROCK ISLAND & PACIFIC RAILWAY, to points in Kansas, Nebraska, Missouri, Arkansas, Indian Territory, Texas, New Mexico, Wyoming, Utah, Idaho, Minnesota, Northwestern Iowa, South and North Dakota, Montana and Colorado...

On September 9th and 23d, and October 14th, the Chicago & North-Western Railway will sell excursion tickets from Chicago to principal land points in the Northwest at the low rate of one fare for the round trip, and tickets will be good for return at any time within thirty days from date of sale.

It seems quite natural that the result of conversation should sometimes produce a long yarn.

Home-Seekers' Excursions via the Chicago, St. Paul & Kansas City R'y.

On Tuesdays, September 9 and 23 and October 14, 1890, agents of the Chicago, St. Paul and Kansas City Railway will sell Home-Seekers' Excursion Tickets to principal points in the West, Northwest, South and Southwest at rate of one fare for the round trip, tickets good returning thirty days from date of sale.

It seems quite natural that the result of conversation should sometimes produce a long yarn.

Home-Seekers' Excursions via the Chicago, St. Paul & Kansas City R'y.

On Tuesdays, September 9 and 23 and October 14, 1890, agents of the Chicago, St. Paul and Kansas City Railway will sell Home-Seekers' Excursion Tickets to principal points in the West, Northwest, South and Southwest at rate of one fare for the round trip, tickets good returning thirty days from date of sale.

It seems quite natural that the result of conversation should sometimes produce a long yarn.

Home-Seekers' Excursions via the Chicago, St. Paul & Kansas City R'y.

On Tuesdays, September 9 and 23 and October 14, 1890, agents of the Chicago, St. Paul and Kansas City Railway will sell Home-Seekers' Excursion Tickets to principal points in the West, Northwest, South and Southwest at rate of one fare for the round trip, tickets good returning thirty days from date of sale.

It seems quite natural that the result of conversation should sometimes produce a long yarn.

Home-Seekers' Excursions via the Chicago, St. Paul & Kansas City R'y.

On Tuesdays, September 9 and 23 and October 14, 1890, agents of the Chicago, St. Paul and Kansas City Railway will sell Home-Seekers' Excursion Tickets to principal points in the West, Northwest, South and Southwest at rate of one fare for the round trip, tickets good returning thirty days from date of sale.

It seems quite natural that the result of conversation should sometimes produce a long yarn.

Home-Seekers' Excursions via the Chicago, St. Paul & Kansas City R'y.

On Tuesdays, September 9 and 23 and October 14, 1890, agents of the Chicago, St. Paul and Kansas City Railway will sell Home-Seekers' Excursion Tickets to principal points in the West, Northwest, South and Southwest at rate of one fare for the round trip, tickets good returning thirty days from date of sale.

It seems quite natural that the result of conversation should sometimes produce a long yarn.

Home-Seekers' Excursions via the Chicago, St. Paul & Kansas City R'y.

On Tuesdays, September 9 and 23 and October 14, 1890, agents of the Chicago, St. Paul and Kansas City Railway will sell Home-Seekers' Excursion Tickets to principal points in the West, Northwest, South and Southwest at rate of one fare for the round trip, tickets good returning thirty days from date of sale.

It seems quite natural that the result of conversation should sometimes produce a long yarn.

Home-Seekers' Excursions via the Chicago, St. Paul & Kansas City R'y.

On Tuesdays, September 9 and 23 and October 14, 1890, agents of the Chicago, St. Paul and Kansas City Railway will sell Home-Seekers' Excursion Tickets to principal points in the West, Northwest, South and Southwest at rate of one fare for the round trip, tickets good returning thirty days from date of sale.

It seems quite natural that the result of conversation should sometimes produce a long yarn.

Home-Seekers' Excursions via the Chicago, St. Paul & Kansas City R'y.

On Tuesdays, September 9 and 23 and October 14, 1890, agents of the Chicago, St. Paul and Kansas City Railway will sell Home-Seekers' Excursion Tickets to principal points in the West, Northwest, South and Southwest at rate of one fare for the round trip, tickets good returning thirty days from date of sale.

It seems quite natural that the result of conversation should sometimes produce a long yarn.

Home-Seekers' Excursions via the Chicago, St. Paul & Kansas City R'y.

On Tuesdays, September 9 and 23 and October 14, 1890, agents of the Chicago, St. Paul and Kansas City Railway will sell Home-Seekers' Excursion Tickets to principal points in the West, Northwest, South and Southwest at rate of one fare for the round trip, tickets good returning thirty days from date of sale.

The "Mother's Friend"

Not only shortens labor and lessens pain attending it, but greatly diminishes the danger to life of both mother and child if used a few months before confinement.

THE first week that a man has a telephone in his office he is apt to have the yellow fever badly.—Boston Bulletin.

I. L. CRAIG & Co., of Phila., the mfrs. of Dobbins' Electric Soap, say they would rather close up their immense works than to put one grain of adulteration in their Dobbins' Electric Soap.

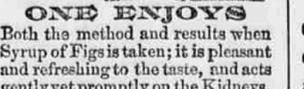
A PHOTOGRAPHER's negative and a pretty girl's affirmative are both developed in a dark room.

ALBERT BURCH, West Toledo, Ohio, says: "Hall's Cataract Cure saved my life." Write him for particulars. Sold by Druggists, 76c.

There is nobody or nothing in this world that is so often referred to as love as the front door-mat.—Binghamton Leader.

It is no longer necessary to take blue pills to rouse the liver to action. Carter's Little Liver Pills are much better. Don't forget this.

SYRUP OF FIGS



ONE ENJOYS Both the method and results when Syrup of Figs is taken; it is pleasant and refreshing to the taste, and acts gently yet promptly on the Kidneys, Liver and Bowels, cleanses the system effectually, dispels colds, headaches and fevers and cures habitual constipation.

Syrup of Figs is the only remedy of its kind ever produced, pleasing to the taste and acceptable to the stomach, prompt in its action and truly beneficial in its effects, prepared only from the most healthy and agreeable substances, its many excellent qualities commend it to all and have made it the most popular remedy known.

Syrup of Figs is for sale in 50c and \$1 bottles by all leading druggists. Any reliable druggist who may not have it on hand will procure it promptly for any one who wishes to try it. Do not accept any substitute.

CALIFORNIA FIG SYRUP CO. SAN FRANCISCO, CAL. LOUISVILLE, KY. NEW YORK, N.Y.

Tutt's Pills

Is an invaluable remedy for SICK HEADACHE, TORPID LIVER, DYSPEPSIA, PILES, MALARIA, COSTIVENESS, AND ALL BILIOUS DISEASES.

Sold Everywhere.

DR. OWEN'S ELECTRIC BELT

Is an invaluable remedy for SICK HEADACHE, TORPID LIVER, DYSPEPSIA, PILES, MALARIA, COSTIVENESS, AND ALL BILIOUS DISEASES.

Sold Everywhere.

BORE WELLS! MAKE MONEY!

Our Well Machines are the most reliable, durable, successful!

WAT STRONG, ATTORNEY AT LAW, 200 MAIN STREET, MEMPHIS, TENN.

CAPILLINE

Greatest Chemical Discovery of the age. No more need to be bald or gray.

PATENTS

Wanted—LADIES to assist me in my writing.

PENSION JOHN W. MORRIS

Successfully PROSECUTES CLAIMS.

ENGINES

Wide awake Boys want Nicks, Dimes and Dollars.

INDIGESTION AND LIVER CURE

Would not be without your Pills for all cases of Indigestion, BILIOUSNESS, COLIC, PAINFUL URINATION, etc.

BEECHAM'S PAINLESS PILLS EFFECTUAL.

WORTH A GUINEA A BOX. For BILIOUS & NERVOUS DISORDERS.

Such as Wind and Pain in the Stomach, Fullness and Swelling after Meals, Dizziness, and Drowsiness, Cold Chills, Flushings of Heat, Loss of Appetite, Shortness of Breath, Costiveness, Scoury, Blisters on the Skin, Disturbed Sleep, Frightful Dreams, and all Nervous and Trembling Sensations, &c.

For Sick Headache, Weak Stomach, Impaired Digestion, Constipation, Disordered Liver, etc., they ACT LIKE MAGIC, Strengthening the muscular System, restoring long-lost Obedience, and bringing back the keen edge of appetite, and arousing with the ROSEBUD of HEALTH the whole physical energy of the human frame.

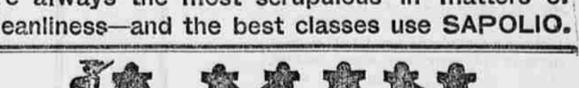
Prepared only by THOMAS BEECHAM, St. Helena, Lancashire, England.

Better out of the world than out of the fashion.

It is IN FASHION to use SAPOLIO for house-cleaning. It is a solid cake of scouring soap. Try it.

Cleanliness is always fashionable and the use of or the neglect to use SAPOLIO marks a wide difference in the social scale.

UNACQUAINTED WITH THE GEOGRAPHY OF THE COUNTRY, WILL OBTAIN MUCH VALUABLE INFORMATION FROM A STUDY OF THIS MAP OF



THE CHICAGO, ROCK ISLAND & PACIFIC RAILWAY.

Including main lines, branches and extensions East and West of the Missouri River. The Direct Route to and from Chicago, Joliet, Ottawa, Peoria, La Salle, Moline, Rock Island, in ILLINOIS—Devonport, Muscatine, Ottumwa, Oskaloosa, Des Moines, Winterset, Audubon, Harlan and Council Bluffs, in IOWA—Minneapolis and St. Paul, in MINNESOTA—Watertown and Sioux Falls, in DAKOTA—Cameron, St. Joseph, and Kansas City, in MISSOURI—Omaha, Kearney, and Nelsoin, in NEBRASKA—Atchison, Leavenworth, Horton, Topeka, Hutchinson, Wichita, Belleville, Abilene, Dodge City, Caldwell, in KANSAS—Kingfisher, El Reno, in the INDIAN TERRITORY—Denver, Colorado Springs and Pueblo, in COLORADO. Traverses new areas of rich farming and grazing lands, affording the best facilities of intercommunication to all towns and cities east and west, northwest and southwest of Chicago, and to Pacific and transoceanic Seaports.

MAGNIFICENT VESTIBULE EXPRESS TRAINS.

Leading all competitors in splendor of equipment, between CHICAGO and DES MOINES, COUNCIL BLUFFS and OMAHA, and between CHICAGO and DENVER, COLORADO SPRINGS and PUEBLO, via KANSAS CITY and TOPEKA or via ST. JOSEPH. Through Coaches, Palace Sleepers, NEW AND ELEGANT DINING CARS, and FREE RECLINING CHAIR CARS.

VIA THE ALBERT LEA ROUTE.

Fast Express Trains, daily, between Chicago and Minneapolis and St. Paul, making close connections for all points North and Northwest. FREE Reclining Chair Cars to and from Kansas City. The Favorite Line to Pipestone, Waverly, Sioux Falls, and the Summer Resort and Hunting and Fishing Grounds of Iowa, Minnesota and Dakota.

THE SHORT LINE VIA SENECA AND KANKAKEE offers facilities to travel between Cincinnati, Indianapolis, and Council Bluffs, St. Joseph, Atchison, Leavenworth, Kansas City, Minneapolis, and St. Paul.

For Tickets, Maps, Foldars, or desired information, apply to any Ticket Office in the United States or Canada, or address:

E. ST. JOHN, General Manager, CHICAGO, ILL. JOHN SEBASTIAN, Gen'l Ticket & Pass Agent.

CAUTION W. L. Douglas Shoes are warranted, and every pair has his name and price stamped on bottom.

\$5.00 \$4.00 \$3.50 \$2.50 \$2.00

FOR LADIES \$2.00 FOR BOYS \$1.75 FOR MISSES \$1.75

THIS IS THE CLASP

wherever found, That holds the Roll on which is wound The Braid that is known the world around.

TOWER'S FISH BRAND

This Trade Mark is on the Best Waterproof Coat in the world.

W. L. DOUGLAS \$3 SHOE FOR GENTLEMEN

Half Rates to the Farming Regions. WEST, SOUTHWEST, NORTHWEST.

RIDGE'S FOOD

IT IS USED BY CHILDREN'S CHILDREN. Thousands of young men and women in the U. S. A. send their lives and their health and their happiness to Ridge's Food.

UNION COLLEGE OF LAW, Chicago, Fall Term begins Sept. 2. For circular add. H. Booth, Chicago.