

AGRICULTURAL.

dedicated to the interests of Farmers and Stockmen.

Worn Out Lands.

A writer in the Southern Cultivator tells of a farm he owns in Tennessee where the fields are badly worn out and washed out by many years' cultivation. Turned-out fields are grown with sedge, briars and bushes, and have many washed out gullies. A century ago, less of cultivation, so-called, has been done, and he now is experimenting with grasses, to find some way to make available pasture and return the soil to usefulness. He says there are hundreds of millions of acres in similar condition. It is well enough for the people who commence to till a new field to look ahead to what the land may own may come as a poor inheritance for their heirs, and try to follow some method of farming that can preserve some degree of fertility, rather than exhaust its virtues and thereby impoverish their heirs. There are many farms in this beautiful and fertile valley that have already lost so much productive power as to not bring nearly good crops as in the beginning. There is no profit left in growing staple crops on such land, and the question is: How long will it be before cropping such land will cease, and be "turned out" like those worn out lands in Tennessee?

It is possible to pursue a profitable system of rotation, with clover as a store, when clover will grow, or by turning land to grass and feeding stock on the land, and by prudent management prevent the continuance of such waste as has been practiced here. There is downright wickedness in destroying the fertility that has been accumulating for untold ages. To do this ignorantly and blindly is bad enough, but the world has reached common-sense knowledge of soils and their management that no man can be ignorant of, unless he is blind and sense and deaf to all reason. Plowing the soil should be made a crime rather than felony.

The market for fat sheep shows these days very clearly that the man who remembers that carcasses as well as fleeces are to be sold from his flock, the shepherd that is going to win.

In 1850 the English sparrow in America occupied the area of a single acre or tree-box. Now he disports himself over an area 885,000 square miles in the United States and 150,000 in Canada.

Dr. W. L. Challis, of Atchison, Kas., having the cottonwood trees on his farm cut down and sawed into lumber, these trees were planted by Dr. Challis in 1858, and are now an average of five feet in diameter.

It requires more labor to engage in gardening as compared with farming, less land is required. The most profitable crops are not those that give the largest yields, but which give the highest price, compared with the cost.

Pig pens should not be on the same location every season. By having them movable much valuable manure can be secured from the saturated earth around the old sites, while the range to fresh places will greatly promote cleanliness and health.

Among the catlemen who attended a recent convention in Denver of the International Range Association was Senator Stephen W. Dorsey, who is one of the largest cattle owners in New Mexico. His holdings of ranch lands at one time aggregated 104,000 acres.

After removing the mulch in the spring from the strawberry hoe between the rows after the soil shall become somewhat warmed, as it will let more warmth and air in to the roots. A small portion of ashes scattered along the rows or hoeing would be very beneficial.

The warbles, or bunches on the necks of the cattle, may be killed by securing them through the ear-hole with an awl, or by syringing in a few drops of carbolic acid diluted. If let alone each will make another gaffly to torment the cattle next summer.

"False blossoms," or "rose blossoms" of the blackberry (peculiar to the South especially) is caused by a worm which from eggs deposited by a winged insect. The canes should be below the enlargement caused by worms, in the fall, and burned, in order to destroy the insect.

The persimmon tree does not deplete the soil of a large amount of fertilizing elements, and for that reason makes the best of shade trees for stock. In the South, even on abandoned lands, the persimmon is allowed to grow. Its growth is slow, however, its fruit is highly valued by some.

Severely cutting back the dead wood of the peach trees will start them into a new life. If the tree be dead at the top and the wood near the trunk cut, the new buds will soon give a crop. By keeping all the injured wood cut away the tree will do somewhat longer than is usually the case with peach trees.

A Kansas school teacher offered a prize to the scholar who would come to school with the cleanest face, and the indignant trustees gave her the bounce on suspicion she was agent for a soap factory.

THAT HIGHWAY OF NATIONS.

The broad Atlantic is ever a stormy thoroughfare. Yet blow the winds ever so fiercely, and ride the waves ever so loftily, seamen must meet the good ships, tourists will brave the passage, and commercial travelers and buyers must visit the centers of foreign trade and manufacture. That atrocious malady, sea-sickness, together with colicky pains and much inward uneasiness is often endured when Hostetter's Stomach Bitters would have fortified the voyagers against them. Sea captains, and in fact all old salts and veteran travelers are acquainted with the protective value of this estimable preventive and remedy, and are rarely unprovided with it. Emigrants to the far West should use it as a safeguard against malaria. Seek the aid of the Bitters for dyspepsia, constipation, liver complaint, kidney troubles and all ailments that impair the harmonious and vigorous action of the vital powers.

The California Board of Silk Culture is engaged in distributing 720,000 silk worm eggs recently received from Italy.

THE FLYING DOVE OF PEACE.

A richly frosted quivering flying Dove. A Dream of Life screen calendar. An imported ideal scene and a full set of magnificent floral cards. Fourteen artistic pieces. Sent to anyone who will buy from a druggist a box of the genuine Dr. C. M. LANE'S CELEBRATED LIVER PILLS (price 25 cts.) and mail us the outside wrapper from the box with 4 cents in stamps. Write your address plainly. FLEMING BROS., PITTSBURGH, PA.

Minneapolis has been figuring up and finds that seven feet of snow fell in that city during the past winter.

THE FIVE SISTERS.

There were five fair sisters, and each had an aim. Flora would fain be a fashionable dame; Scholarly Susan's selection was books; Coquettish Cora cared more for good looks; Annie, ambitious, aspired after wealth; Sensible Sarah sought health. So she took Dr. Pierce's Golden Medical Discovery and grew healthy and blooming. Cora's beauty quickly faded; Susan's eyesight failed from over-study; Flora became nervous and fretful in striving after fashion; and the sickly family kept Anna's husband poor. But sensible Sarah grew daily more healthy, charming and intelligent, and married richly.

The South African diamond fields last year yielded gems amounting to 3,646,899 carats, valued at over \$20,000,000.

MANY PEOPLE REFUSE TO TAKE COD LIVER OIL on account of its unpleasant taste. This difficulty has been overcome in Scott's Emulsion of Cod Liver Oil with Hypophosphites. It being as palatable as milk, and the most valuable remedy known for the treatment of Consumption, Scrofula and Bronchitis, General Debility, Wasting Diseases of Children, Chronic Coughs and Colds, has caused physicians in all parts of the world to use it. Physicians report our little patients take it with pleasure. Try Scott's Emulsion and be convinced.

Bessemer's steel patents have brought him \$35,285,000 in royalties.

BARTHOLOMEW'S GREAT WORK.

The statue of Liberty enlightening the world, which stands on Bedloe's Island, in the harbor of New York, is one of the most sublime artistic conceptions of modern times. The torch of the goddess lights the nations of the earth to peace, prosperity and progress, through Liberty. But "Liberty" is an empty word to the thousands of poor women who are daily afflicted with a hundredfold more tyrannical than any Nero. To such sufferers Dr. Pierce's Favorite Prescription holds forth the promise of a speedy cure. It is a specific in all those derangements, irregularities and weaknesses which make life a burden to so many women. The only medicine sold by druggists, under a positive guarantee from the manufacturer, that it will give satisfaction in every case, or money will be refunded. See guarantee printed on wrapper enclosing bottle.

A number of pretty girls have been appointed ushers in a church at Ottawa, Kansas.

DYSPEPSIA AND CONSTIPATION. Henry B. Archer, Receiver of Taxes of the City of Yorkers, N. Y., says of BRANDRETH'S PILLS:

For the past ten years I have been using BRANDRETH'S PILLS for self and family. We find them a sovereign remedy for indigestion and constipation, taking one or two every night for ten days. They are also admirable blood purifiers, perfectly harmless but exceedingly effective as a cathartic. I first used them myself, particularly for biliousness and dyspepsia. They relieved me in two weeks. I cheerfully recommend them.

Bessemer, Ala., is one year old and has between three and four thousand inhabitants.

Coughs.—"Brown's Bronchial Troches" are used with advantage to alleviate Coughs, Sore Throat, Hoarseness and Bronchial Affections. Sold only in boxes.

ITCHING PILES. SYMPTOMS.—Molture; intense itching and stinging, most at night; worse by scratching. If allowed to continue tumors form, which often bleed and ulcerate, becoming very sore. SWAYNE & SOY, Proprietors, Philadelphia. SWAYNE'S OINTMENT can be obtained of druggists. Sent by mail for 50 cents.

See Antisell Piano advertisement.

TRY GERMEA for breakfast.

Camellias improve and preserve the complexion.

MANLY PURITY AND BEAUTY CUTICURA REMEDIES CURE SKIN AND BLOOD DISEASES FROM PIMPLES TO SCROFULA.

NO PEN CAN DO JUSTICE TO THE ESTEEM IN WHICH THE CUTICURA REMEDIES ARE HELD by the thousands upon thousands whose lives have been made happy by the cure of agonizing, humiliating, itching, scaly and pimply diseases of the skin, scalp and blood, with loss of hair. CUTICURA, the great Skin Cure, and CUTICURA SOAP, an exquisite Skin Beautifier, prepared from it, externally, and CUTICURA RESOLVENT, the new Blood Purifier, internally, are a positive cure for every form of skin and blood disease, from pimples to scrofula. Sold everywhere. Price, CUTICURA, 50c.; SOAP, 25c.; RESOLVENT, \$1. Prepared by the POTTER DRUG AND CHEMICAL CO., Boston, Mass. Send for "How to Cure Skin Diseases."

Pimples, blackheads, chapped and oily skin prevented by CUTICURA SOAP. Rheumatism, Kidney Pains and Weakness speedily cured by CUTICURA ANTI-PAIN PASTER, the only pain-killing plaster.

FREE. By return mail. Full Description Moody's New Tetter System of Dress Cutting. MOODY & CO., Cincinnati, O.

THE PROPRIETORS OF DR. SAGE'S CATARRH REMEDY. \$500 WILL PAY FIVE HUNDRED DOLLARS. For a case of Catarrh in the Head which they cannot cure. SOLD BY DRUGGISTS 50 CENTS. The Only Guaranteed Cure. [COPYRIGHT, 1887.]

CATARRH IN THE HEAD. SYMPTOMS OF THE DISEASE.—Dull, heavy headache, obstruction of the nasal passages, discharges falling from the nose into the throat, sometimes profuse, watery, and acrid, at other times, thick, tenacious, mucous, purulent, bloody and purged; the eyes are weak; there is ringing in the ears, deafness, hacking or coughing to clear the throat, expectoration of offensive matter, together with scales from ulcers; the voice is changed and has a nasal twang; the breath is offensive; smell and taste impaired; there is a sensation of dizziness, with mental depression, a hacking cough and general debility. Only a few of the above-named symptoms are likely to be present in any one case. Thousands of cases annually, without manifesting half of the above symptoms, result in consumption, and end in the grave. No disease is so common, more deceptive and dangerous, less understood, or more unsuccessfully treated by physicians.

COMMON SENSE TREATMENT. If you would remove an evil, strike at its root. As the predisposing or real cause of catarrh is, in the majority of cases, some weakness, impurity, or otherwise faulty condition of the system, in attempting to cure the disease our chief aim must be directed to the removal of that cause. The more we see of this we realize the importance of combining with the use of a local, soothing and healing application, a thorough and persistent internal use of blood-cleansing and tonic medicines.

CHIEF RELIANCE. In curing catarrh and all the various diseases with which it is so frequently complicated, as throat, bronchial, and lung diseases, weak stomach, catarrhal deafness, weak or inflamed eyes, impure blood, scrofulous and syphilitic taint, the wonderful powers and virtues of Dr. Pierce's Golden Medical Discovery cannot be too strongly extolled. It has a specific effect upon the lining mucous membranes of the nasal and other air-passages, promoting the natural secretion of their follicles and glands, thereby softening the diseased and thickened membrane, and restoring it to its natural, thin, delicate, moist, healthy condition. As a blood-purifier, it is unsurpassed. As those diseases which complicate catarrh are diseases of the lining mucous membranes, or of the blood, it will readily be seen why this medicine is so well calculated to cure them.

DR. PIERCE'S PLEASANT PURGATIVE PELLETS. THE ORIGINAL LITTLE LIVER PILLS. PURELY VEGETABLE! PERFECTLY HARMLESS! As a LIVER PILL, they are Unequaled! SMALLEST, CHEAPEST, EASIEST TO TAKE. Beware of Imitations, which contain Poisonous Minerals. Always ask for Dr. Pierce's Pellets, which are Little Sugar-coated Pills, or Anti-bilious Granules. ONE PELLETT A DOSE. SICK HEADACHE, Bilious Headache, Dizziness, Constipation, Indigestion, Bilious Attacks, and all derangements of the stomach and bowels are promptly relieved and permanently cured by the use of Dr. Pierce's Pellets. In explanation of their remedial power over so great a variety of diseases, it may truthfully be said that their action upon the system is universal, not a gland or tissue escaping their sanative influence. Manufactured by WORLD'S DISPENSARY MEDICAL ASSOCIATION, BUFFALO, N. Y.

Z. T. WRIGHT FOOT OF MORRISON ST. PORTLAND, OR. Dealer in Specialties and General Agent for



ADVANCE THRESHERS, ENGINES, DINGEE WOODBURY POWERS. The Advance is not guaranteed to be equal to others, but guaranteed to be far superior and better in every particular. If not it costs you nothing to try it. Kriebel Engines, Stationary and Marine. Laundry Machinery. ACME ENGINE, the best Coal Oil Engine in the world. No Engineer Needed VERY ECONOMICAL.

The Westinghouse Engines and Boilers, Farm Engine Tank Pumps several varieties of Engines of all sizes and for all purposes. Farns, Church and School Bells, Marine Work of all kinds, Creamery Machinery, Hancock Inspirators, Park Injectors, all the latest Patent Wrenches, Blacksmith, Automatic and Farm Drills, Boiler Feed and Duplex Pumps, Steam Fitting Goods, Lubricating Oils, Belting and Hose, Self-Heating Bath Tubs. ORME Safety Valve for Marine and Stationary Engines, adopted by the Government. THE LINDGREN CHEMICAL FIRE EXTINGUISHERS, For Villages, Stores, Public Buildings and Residences.

FIRE DEPARTMENT SUPPLIES OF ALL KINDS. And many other desirable goods. As I represent the manufacturers direct, I can and will give you good goods at a bargain. Send for descriptive circular of what you want.

OLD SORES AND ULCERS of long standing cured by ALLEN'S EUCERASE SALVE. Heavily tried. By Mail, 60c. Made by J. P. Allen, St. Paul, Minn. \$5 To \$25 a Day. Samples worth \$1.50, FREE. LIVES NOT UNDER THE HORSEFEET.—W. H. BAZZARD'S HAPPY RAIN HOLDER CO., Holly, Mich.

REWARD! \$1000 Will be paid for each and every grain of gold acknowledged the most delightful and only really harmless toilet article ever produced for beautifying and preserving the complexion, removing tan, sunburn, freckles and all blemishes and roughness of the skin. Used and endorsed by the elite of society and the mass. Sold by all Druggists at 50 cents per bottle. White and Flesh. Manufactured by W. M. WIDOMAN & CO., Chemist Portland Oregon.

PISO'S CURE FOR CONSUMPTION. P. N. U. No. 231—S. F. N. U. No. 232.

Reise-Karten von Hamburg, Bremen, Danzig, Königsberg, Berlin, Stettin, Posen, Breslau, Frankfurt, Leipzig, Chemnitz, Dresden, Prag, Wien, Pest, London, Paris, Brüssel, Antwerpen, Rotterdam, Amsterdam, London, New York, Philadelphia, Baltimore, Washington, St. Louis, Chicago, San Francisco, Portland, Seattle, Tacoma, Vancouver, Victoria, Sydney, Melbourne, Brisbane, Perth, Adelaide, Cape Town, London, New York, Philadelphia, Baltimore, Washington, St. Louis, Chicago, San Francisco, Portland, Seattle, Tacoma, Vancouver, Victoria, Sydney, Melbourne, Brisbane, Perth, Adelaide, Cape Town.