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PORTLAND, FRIDAY, MARCH 28, 1879.

THE WOOL DEFICIT.—It is estimated that the total wool clip of the year 1877 amounted to about 1,497,500,000 lbs.

From England we have a report of a recent case of serious poisoning by a morning draught of milk.

BLOODY MILK.—Salt-peter has been tested and proved to be a cure for cows giving bloody milk.

How Skippers Get into Cheese.

Skippers are hatched from the eggs of the cheese fly. This is a very small insect, one of the smallest of the fly family.

If there is a small crack or crevice, the skippers commence to work into the cheese, and when cheeses are what is termed "loose or porous," they work into the cheese rapidly.

One of the objects of rubbing cheese smartly every day, is to rub off or destroy the eggs of the fly.

Never heard of the fly depositing eggs on cheese curd, and by that means getting into the centre of the cheese.

DITCHING MACHINES.—We call attention to advertisement of Mr. O. C. Taylor, in another column.

The Effects of Bad Breeding.

A subject possessing so many features of interest and importance as the effects of breeding on our different classes of the horse would require too great a space to do it justice.

Most of the diseases of cattle are caused by wrong treatment—too much feed at one time, too little at another.

The Extent of Breeding.

There are hundreds of men who have from seventy-five to one hundred mares, and many times that number who have from twenty-five to fifty mares.

THOROUGHBREDS.—The Stud Book for thoroughbred horses, claims no horse as thoroughbred that does not trace back, ad every step duly authenticated.

A great deal is said nowadays about "faucy" points in breeding Jersey cattle. These remarks are frequently aimed at solid colors, black switches, gray or brown backs.

The half-dress waistcoat is double-breasted.

Agricultural Notes.

The average price of the milch cow in this country is \$26.41.

Germany exported last year, in the eleven months ending with November, over 11,775,000 bushels of potatoes.

The most primitive way of making bread was to soak the grain in water, subject it to pressure and then dry it by natural or artificial heat.

The man who stopped his paper lately because he could not afford it, recently sold a hundred bushels of wheat at twenty cents less than the market price.

An idea of the importance of the potato crop in Maine may be obtained from the fact that the farmers in Aroostook realize from \$150,000 to \$170,000 yearly from that crop.

In spite of the present distress in England it is said that in the matter of wages the agricultural laborer is better off than ever he was before, if prices are taken into account.

It is more honorable and dignified to be living independently on a farm, making good butter and cheese and raising abundant crops and fine stock.

J. T. Hanchett, of Teumseh, writes: "If the cows are milked a few days before they come in, when the udder becomes reasonably full, I do not think they will be troubled with milk fever."

Most of the diseases of cattle are caused by wrong treatment—too much feed at one time, too little at another.

It is stated that a Minnesota miller has invented an entirely new process of grinding wheat, which does away with the millstones now in use.

An exchange says: "The man who first invented the mowing machine was Enoch Ambler, of the town of Robt, Montgomery county, New York."

NORMAN STALLION.—Those who want good horses will be interested in reading the advertisement of T. J. Edmondson in this issue.

25 POTTERY PICTURES, 6 Bibles, Paper, 6 Envelopes, 3 Pens, 10 Soups, 12 Brooches, postpaid, 15c.

FRUIT-PACKING MACHINES.

W. A. Collier, of Coos Bay, is inventor of a press for packing dried hops, fruit and vegetables of all kinds.

The Undeniable Truth.

You deserve to suffer, and if you lead a miserable, unsatisfactory life in this beautiful world, it is entirely your own fault.

A Remarkable Result.

It makes no difference how many Physicians, or how much medicine you have tried, it is now an established fact that German Syrup is the only remedy which has given complete satisfaction in severe cases of Lung Disease.

PATRONS OF HUSBANDRY.

State Grange Deputies for 1878.

- BANKER—Thomas Smith, Baker City. BENTON—A. Holder, Corvallis. CALDWELL—S. W. Wray, Canby.

DIRECTORY.

- Master—Samuel E. Adams, Monticello, Minnesota. Overseer—J. J. Woodman, Pawpaw, Mich. Lecturer—Mortimer Whitehead, Middlebrook, N. Y.

OFFICERS OREGON STATE GRADE.

- Master—A. R. Shipley, Oswego. Overseer—D. S. K. Baick, Myrtle Creek. Lecturer—W. H. Thomas, Walls Walls.

Grange Growth.

The Waco (Texas) Economist and Patron says: "The philosophy which estimates strength from numbers is a short-sighted and badly-informed philosophy."

GRAY'S SPECIFIC MEDICINE.

The Great English Remedy TRADE MARK: An untiring cure for Neuralgic Weakness, Rheumatism, Debility, and all Diseases that follow as a result of self-abuse.

PATENTS.

THE SCIENTIFIC AMERICAN is a large First-Class Weekly Newspaper of Sixteen Pages, printed in the most beautiful style.

Current Notes.

Chicago manufactured in 1878 goods worth \$230,000,000.

Minnesota produced manufactured goods in 1878 worth \$60,000,000.

Eight routes have been surveyed across Maryland for a ship canal.

Cut nails were first made in this country in Cumberland, R. I., in 1775.

Close, unventilated bed-rooms make the graves of thousands of people annually.

Batchelder, the inventor of steam cylinders, was born in 1784, and died last year.

The largest steel-rail mill in the United States is to be erected at Baldwin, close to Harrisburg, Pa.

A machine for cutting stone of all kinds rapidly, and capable of striking 6,000 blows per minute, has been patented.

Soaking timber in lime water has been recommended for preserving it from dry rot and the effects of the weather.

Amber is found in the mines, rivers and sea coasts of Prussia. It is used in varnish and for mouth-pieces of pipes.

The Government of Belgium proposes to spend \$1,200,000 in building 55 locomotives, 50 passenger and 225 freight cars.

A series of experiments has established the fact that chloroform neutralizes the action of strychnine upon the human system.

The plates for saws are made of ingots of steel, carefully prepared to secure uniformity, and reduced to the proper thickness by rolling.

The increase of flouring mills in the four States of Illinois, Wisconsin, Iowa and Minnesota, from 1860 to 1878, was from 1,138 to 3,600.

O. C. TAYLOR.

Ditching Machine.

Propose to cut a ditch five feet wide at the top, one and a half feet at the bottom, and two feet deep, throwing the dirt two feet from ditch, for \$200 per rod.

The Celebrated Draft Stallion LOUIS NAPOLEON

Will make the season of 1879 as follows: At My Farm, in Walls Hills, Mondays and Tuesdays, STATION, Wednesdays and Thursdays, SATURDAY and Sundays.

HARPER'S BAZAR.

1879. ILLUSTRATED. NOTICE OF THE PRESS.

To dress according to Harper's Bazar will be the aim and ambition of the women of America.—Boston Transcript.

The volumes of the Bazar begin with the first Number for January of each year.

Harper's Periodicals.

- HARPER'S MAGAZINE, One Year, \$4 00 HARPER'S WEEKLY, " " 4 00 HARPER'S BAZAR, " " 4 00

HARPER'S WEEKLY.

1879. ILLUSTRATED. NOTICE OF THE PRESS.

The Weekly remains weekly at the head of illustrated papers by its fine quality, the beauty of its type and wood-cuts.—Springfield Republican.

HARPER'S PERIODICALS.

- HARPER'S MAGAZINE, One Year, \$4 00 HARPER'S WEEKLY, " " 4 00 HARPER'S BAZAR, " " 4 00

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THIRTY-FOURTH YEAR. The Most Popular Scientific Paper in the World. Only \$3.20 a Year, including Postage.

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THE SCIENTIFIC AMERICAN is a large First-Class Weekly Newspaper of Sixteen Pages, printed in the most beautiful style.

PATENTS.

Use no more METAL TRUSSES. No more suffering from iron hoops or steel springs! Pierce's Patent Magnetic Elastic Truss.

TAKE NOTICE, LARGE quantity of Superior Potatoes for sale by the whole.

D.M. FERRY & CO'S ILLUSTRATED PRICED SEED FOR 1879. FREE CATALOGUE.

THE DINGEE & CONARD CO'S BEAUTIFUL EVER-BLOOMING ROSES THE BEST IN THE WORLD.

DO NOT FAIL to send for our Catalogue. It contains prices and descriptions of most every article in general use.

HARPER'S MAGAZINE. 1879. ILLUSTRATED.

NOTICES OF THE PRESS. Harper's Magazine is the American West, in literature and art.

HARPER'S PERIODICALS. HARPER'S MAGAZINE, One Year, \$4 00

HARPER'S BAZAR. 1879. ILLUSTRATED. NOTICE OF THE PRESS.

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