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PORTLAND, FRIDAY, MARCH 28, 1879.

be looked for.

fermentive poison.

milk. I had thd calf suck the cow, and as it did not take all the milk, we put the balance in the swill-tub. She continued to give bloody milk for over three weeks. I asked a neighboring farmer if he knew of any cure. He said he had heard that saltpeter was haps one third of a spoonful and then gave her. Three or four days after, the appearance of blood in the milk was entirely gone."

## 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. The fly is most troublesome in hot weather and in September. It lays its eggs usually where the bandage laps over on top of the cheese, and under any little scale, often directly on the top of the cheese and on the sides; often, too, on the boards which hold the cheese.

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, and if not arrested will work into the center and through the cheese, spoiling it. They require air, and this fact is taken advantage of by the dairyman, in covering the surface of the cheese with a greased paper, plastering it down securely on the cheese, or on the hole where they are working. This brings them to the surface, when they may be removed.

One of the objects of rubbing cheese smartly every day, is to rub off or desmartly every day, is to rub off or destroy the eggs of the fly. The tables, in warm weather, should also be washed off with hot whey, or with soap and water and lye, in order to remove grease, so that the fly will not lay eggs on the boards.

A great deal is said nowadays about "fancy" points in breeding Jersey eattle. These remarks are frequently almed at solid colors, black switches, gray or brown backs, with all the lower on the boards. on the boards,

eggs on cheese curd, and by that animal is but its wrapper, and supermeans getting into the centre of the ficial tastes may be permitted to differ. cheese. Do not think they could live The light colors are beautiful in sum- Syrup and hatch in the centre of the cheese, mer, with a green sward, heuge-rows, for want of air. - X. A. Willard.

Dirents G Machine. - We call attention to advertisement of Mr. O. C. Taylor, in another column. His ditching machine is highly spoken of, and he guarantees satisfaction. Those wanting ditching done would do well to see Mr. Taylor

#### 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. In a general way, then, it must be admitted that the great attention which has been given to the subject of breeding during the last twenty years has been rewarded with the most successful results. Notwithstanding what has been said or written of late respecting the decline this country never possessed such numbers of valuable animals in every market price. THE WOOL DEFICIT.-It is estimat- class as at present. The general rule ed that the total wool clip of the year that the progeny will inherit the gen-1877 amounted to about 1,497,500,000 eral or mingled qualities of the parents ths. The wool product of 1878 falls should not only be taken into consider- Aroostook realize from \$150,000 to considerably short of this. Australia, ation, temper, etc., of the animal, but \$170,000 yearly from that crop. for instance, comes in with a deficit of also in regard to the transmission of about 4,000,000 fleeces, which, at the disease. That disease is transmitted land it is said that in the matter of low average of three pounds per fleece, from the parents to the offspring there wages the agricultural laborer is better is equivalent to 12,000,000 lbs. Califor- cannot be a doubt, and such is the off than ever he was before, if prices nia, in 1877, had something over 3,000,- hereditary nature of certain diseases are taken into account. 900 pounds less than in 1876. The past that, although they may not show year the Pacific States show a deficit of themselves in the immediate progeny, about 9 per cent on the clip of 1877. they frequently do so in the next and The Texas clip shows an increase. In even more distant generations. There New England and the three northern is plenty of proof that blindness, roar-Middle States there is a decrease of ing, broken wind, sidebones, spavins, about 5 per cent., while there is a slight ringbones and navicular disease have increase, say from 1 to 4 per cent., in been bequeathed to their offspring, the remaining states. Notwithstand- both by sire and dam. Nor is this all, ing the deficit, wool does not advance for although the freedom from disease in price. Manufacturers claim that of some particular organ on the part of there is yet a surplus of production one of the parents may counteract, and, over the demands for consumption, to a certain extent, wipe out a defect and that any great advance cannot yet in that organ in the other, there will still remain a peculiar weakness or tendency in the part which requires From England we have a report of a but some slight cause to bring about its Fecent case of serious poisoning by a full development. As an illustration, morning draught of milk. Upon ex- suppose a mare, with curb on her amination, it was found that the can hocks, was sent to a horse with perfectfrom which it was taken was foul ly sound hocks, the produce, while not with "decided appearances of fungoid possessing the great defects observable growth and some bacteria adhering to in the dam, and probably have no has invented an entirely new process the joints, which were entirely filled curbs at all, would, in all probability, of grinding wheat, which does away OFFICERS OREGON STATE GRANGE. up by a solid mass of decomposing have weak and badly-shaped hocks, with the millstones now in use and constituents." The trite lesson of this which would require but slight stress substitutes therefor a vertically runis the necessity for something more upon the part to inherit the disease of ning granite disc in direct combinaeffective than a "slight perfunctory the dam. In breeding, a thorough tion with a circle segment of French rinse." Dr. Muter, who gives the de- knowledge should be had of both sire burr. The new process produces 80 tails of the case, advises all consumers and dam, to be sure that both parents per cent. of middling. to look to the cans in which the milk are free from disease. The essential they buy is carried, and if they have points should be good in both, or some not been rendered thoroughly clean defect in either might be met and got first invented the mowing machine and bright, inside and out, by "elbow rid of by excellence in that particular was Enoch Ambier, of the town of grease," and scalding water, then seek point in the other. It is very often the Root, Montgomery county, New York. supplies elsewhere. Unfortunately, the case that the animals are badly paired, Ambler made the running gear submilk can is too often a dull, dirty, and and, therefore, the good points of each stantially the same as now, but failed unserubbed receptacle, capable of con- are almost lost, the defects of both in- on the scythe. His first machine was veying, as above shown, a dangerous creased, and the produce far inferior made in 1834, and was put on trial at to both sire and dam. That the con- Currytown, Montgomery county, by stitution and endurance of the horse Wm. P. Dievendorf, who still resides BLOODY MILK,-Saltpeter has been are inherited no one interested in such there. He moved something over an Patron says: "The philosophy which tested and proved to be a cure for matters will doubt. The qualities of acre of grass, but, the scythe being estimates strength from numbers is a cows giving bloody milk. Here is the the sire and dam descend from gen-straight and smooth, and no guards short-sighted and badly-informed phiexperience of one who tried the rem- eration to generation, and the excel- being used, the work was but imper- losophy. The strength of a nation or edy. He says: "I lately had a fine lence or defects are often traced to feetly done. This machine was con- organization is in its spirit and materieow that, after calving, gave bloody some peculiarity in a far-distant an-demned as useless."

## The Extent of Breeding.

mares, and many times that number year. good, and I tried it. I dissolved permares, all directly engaged in the busimixed it in a warm bran mash, which I ness of breeding trotters. To say that trans & Ackerman, 1947 Latayette av., Brooklyn, S. V. millions of dollars are invested in this business, would give but a faint idea of its magnitude. We verily believe that millions have been invested in having these establishments advertised, and yet the business is of comparatively recent origin. This will ap; ear when we say that Rysdyk's Hambletonian died only about two and a half years ago, aged, we think, about twenty-four years, and he was almost the first acsire.-Live Stock Journal.

THOROUGHBREDS.-The Stud Book for thoroughbred horses, claims no horse as thoroughbred that does not trace back, ad every step duly authenticated, through both dam and sire, to Oriental origin. It is true, the American Stud Book recognizes horses as entitled to be called thoroughbred that have five pure-bred crosses; but such are not considered strictly thoroughbred, and no wise breeder would rely on such animals to reproduce thorough-

parts dull or black or tawny, instead of Never heard of the fly depositing light fawn or white. The skin of an and shady copplees, for a background. In winter, among stained snowbanks and manure piles, dun flanks will look warmer, show less dirt, and might be considered the most solidly useful color of any.

#### 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, of the breed of horses, it is certain that recently sold a hundred bushels of wheat at twenty cents less than the

An idea of the importance of the potato crop in Maine may be obtained from the fact that the farmers in

In spite of the present distress in Eng-

It is more honorable and dignified to be living independently on a farm, making good butter and cheese and raising abundant , rops and fine stock, than to sit in high places and aid in making bad laws.

J. T. Hanchett, of Teaumseh, 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. Indiana. Such at least has been my experi-

Most of the diseases of cattle are caused by wrong treatment-too much | Mich feed at one time, too little at another; too rich at one time, too poor at anoth- lachicola er, etc. If all cattle and horses were fed, and watered, and used properly, there would be little disease.

It is stated that a Minnesota miller

An exchange says: "The man who

25 Pottery Pictures, 6 Shorts Paper, 6 En velopes, 3 Pens, 40 Songs, 12 Receipts, postpaid, 15c.

## FRUIT-PACKING MACHINES.

W. A. Collver of Coos Bay, is inventor of a years, and he was almost the first ac-credited sire of trotters. The great thoroughbred four-mile Imported Mes-pound boxes, and at less cost, as the weight of senger, that stood in New York, had sired quite a number of fine trotters, as had some of his sons, before this, but the business of breeding trotters was in its incipiency when Rysdyk's Ham
A. B. Collver travels with one of his machines.

A. B. Collver travels with one of his machines.

A. B. Collver travels with one of his machines. bletonian entered the field as a trotting

and gives a practical exposition of its working.

All who purchase them can also order boxes of

## 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 and there is only one excuse for you,—your unreasonable prejudice and skepticism, which has killed thousands. Personal knowledge and common sense reasoning will soon show you that Green's August Flower will cure you of Liver Complaint, or Dyspepsia, with all its miserable effects, such as sick headache palpitation of the heart, sour stomach, ha-

## 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 Diseases. It is true there are yet thousands of persons who are predisposed to Throat and Lung affections, Consumption, Hemorrhages Asthma, Severe Colds satite on the Prest. Phenmonia. Whoosing tough, See, who And manure piles, dun flanks will look varmer, show less dirt, and might be considered the most solidly useful color of any.

The half-dress waisteest is double-breasted.

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#### State Grange Deputies for 1878

Baxes Co. Thomas Smith, Baker City.
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Cascamas C. N. Warr, Canby.
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Jones J. N. T. Miller, Jacksmville
Joseph Pollock, Leland,
Laye Boscoe Knox, Creekell; Allen Bond, Eugenets.

Linn B. A. Irvine, Albany.

Masson J. W. Bacheiler, Butteville; W. M. Hillery.

MULTNOMAH Plympton Kelly and Jacob Johnson, East MCLTSONAL Plympson actives to that the footband.

Polk—F. A. Patterson, Dixis.
Thlamook.—J. C. Bewley, Tillamook.
Usion—John End, Tygh Valley.
Washingtons—J. A. Richardson, Tualatin; J. W. Sapington, Gaston.
Yashington, Gaston.
Yashington, Washington, Onth Yambill.

WASHINGTON TERRITORY. COLUMBIA—Thomas Throssell, Dayton.
CLARKE—David Stamp, Vancouver.
COWLETS—John S. BOZETH, Pekin.
LEWIS—W. H. Miller, Boisfort.
WALLS WALLS—W. B. Thomas, Walla Walls.
WHITMAN—William King, Palouse City.

Patrons in those counties in which no Deputies have been appointed would much oblige me by designating Brothers suitable to act in that capacity. A. R. Surriay, Master Or. St. Grange.

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EXECUTIVE COMMITTEE. A. R. Shipley, Chairman, Oswego A. Holder, Corvallis.

#### Grange Growth. The Waco (Texas) Exeminer and

al, and large numbers is rather an element of weakness than of power. NORMAN STALLION, -Those who want good The contrast of the grange five years horses will be interested in reading the adver- ago and now, is highly favorable to the tisement of T. J. Edmondson in this assue, present time. Fat persons are not al-There are hundreds of men who His stallion Louis Napoleon is a splendid ani- ways healthy persons, large armies are have from seventy-five to one hundred mal, and is said to have given satisfaction last not necessarily strong armles, immense countries are not necessarily great countries, but the reverse is sometimes
the truth. The nations and armies
the truth. The nations and armies the truth. The nations and armies which have revolutionized the world, have without exception been small in numbers, but great in material, and China to-day is one of the weakest press for packing dried nops, fruit and vegeta- nations in the world, though numericbles of all kinds that have been properly dried ally equal to a score of nations put toby any process, and A. B. Collver is now can. gether. The growth of the grange vassing the Willamette Valley for the sale of was an unhealthy, morbid growth, and these machines. They cost \$25 to \$35, accord- while it seemed strong, it was in realiing to finish, and will pack the fruit in two- ty un agglomerated mass of incoherent pound packages, in paper boxes, as fast as a and unformed, untrained, and unashard work, have taken the fat off it, stiffened its muscles, knit the bones, All who purchase them can also order boxes of Mr. Collver. The machines are made and sold at the furniture manufactory of F. J. Babcock, Salem. Specimens of the packed fruit can be seen at the office of the Willamette Farmer. At present Mr. Collver is canvassing the east side of the river, between Salem and Portland. uable quality that it did not have, and has lost every weakness that it did

> The Centaur Lintments are of two kinds The White is for the human family: the Yellow is or horses, sheep, and other animals. Testim nials of the effects produced by these remarkable Preparations are wrapped around every bottle, and may be procured of any druggist, or by mail from the Office of THE CENTAUR CORPANT, 46 Dey Street

#### GRAV'S SPECIFIC MEDICINE. The Great English Hemedy



#### 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 an-

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

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

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 se-cure 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.

proposes to cut a diten are and two it deep, throwing as half feet at the hottom, and two it deep, throwing a half feet from ditch, for 33) cts per rod. This like two feet from ditch, for 33) cts per rod. This like two feet from the charge. He has three machines new or guarantees, or no charge. He has three machines no in operation—one each in Line, Benton, and Lane cour less. Junction City, Or., March 7881.

#### The Celebrated Braft Stallion LOUIS NAPOLEON

## Will make the season of 1829 as follows

At my Farm, in Waldo Hills, Mondays and Tuesdays STAYTON, Wednesdays and Thursdays. SCIO, Fridays and Saturdays. TERMS Lesp. \$10; Season, \$15; Insurance, \$30;

DESCRIPTION AND PRIMISHER. Louis Napoleon is a beautiful dapple gray, 16 hands high, and weights 1500 lbs. He was sired by the imported Norman horse Louis Napoleon, and his dam by Royal Sampson, imported by Col. Oakley of Tagewell co., III.; his grand dam was a French Canadian mare. Come and see the horse before making other arrangements. [mh7mä] T. J. KDMONISON.

### HARPER'S BAZAR. 1879. ILLUSTRATED.

NOTICES OF THE PRESS. To dress accorning to Harper's Bazar will be the air and ambition of the women of America. Boston Tran

As a faithful chronicle of fashion, and a messpap omestic and social character it ranks without a Brooklyn Eagle. This paper has acquired a wide popularity for the fire-side enjoy ment it affords, and has become an establishe authority with the ladies. —N. Y. Evening Post.

## Harper's Periodicals.

Marper a refrontens.
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Cloth Cases for each volume, suitable for binuitig, will e sent by mail, postpaid, on receipt of \$1.00 each. Bernittances should be made by Post-Office Money Orer or Draft, to avoid chance of loss. Newspapers are not to copy this advertisement without he express order of Hanrie & Buorniess.

HARPER & BROTHERS, New York,

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practical papers, by eminent writers in all departments of Science, will be found in the Scientific American' Terms, 8d, 20 per year, \$1.00 in 10 year, \$3.00 per year, \$1.00 in 10 year, \$4.00 year, \$5.00 per year, \$6.00 per year, \$6.00 per year, \$6.00 per year, \$6.00 per year, \$7.00 pe





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1870 ILLUSTRATED.

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NOTICES OF THE PRESS. The Weekly remains easily at the head of illustrated capers by its fine literary quality, the beauty of its type and wood-cuts.—Springfield Republican. its pictorial attractions are superb, and embrace every variety of subject and of artistic treatment. Zion's Her-ald, Boston.

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Is worn with ease and comfort NIGHT and DAY, and will perform radical cures when all others fall. Reader, if, ruptured, try one, and you will never regret it. Send for Illustrated Book and Price List. MAGNETIC RIASTIC FRUSS COMPANY, 609 Sacramento st. SAN FRANCISCO, CAL. 22 Sent by mail to all parts of the world.