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PORTLAND, FRIDAY, MAY 9, 1879.

Extra Large Farm and Dray Horses.

Horses of this sort are objected to by some, but evidently without knowing the purpose for which they are bred.

Again, when the roads are muddy, or very heavy loads to be transported over them, extra powerful horses are required.

In quarries, huge blocks of stone are to be removed to tram-ways, and in town and cities it is required to transport these through the streets for building purposes.

Thus it will be seen that a reasonable number of extra large horses are now, and ever will be required, so that there is no risk of breeding such from sixteen and a half to perhaps seventeen and a half hands high, and weighing 1,800 to 2,000 pounds.

Beecher on Farming.

Beecher says that farming is not the simple thing it has been represented to be. It is a combination of manufactures and trade.

Agricultural Notes.

Half a pint of lard, melted in a pint of new milk, given warm, will remove costiveness.

For bruises or sores, boil smart weed in chamber lye, add a little soft soap and wash twice a day.

Coal ashes do well as a fertilizer for tomatoes. Make your ground half soil and half coal ashes and the results will be surprising.

A solution of carbolic acid in 300 parts of water has been found effective for scab. A strong decoction of tobacco is a good wash, also.

For throat distemper, grate fine a small green wild turnip, or, if dry, give a heaping spoonful, mixed with bran or oats. Never fails. Good for cough, also.

In hatching turkey eggs sprinkle them the last two weeks slightly every other day with water that has had the chill taken off. Some moisture seems to be necessary for turkey eggs.

A successful dairyman feeds his cows night and morning the year round, and in each feed puts a teaspoonful of salt. He considers this method of salting cows preferable to the usual one of giving animals salt once or twice a week and thinks his method adds largely to the amount of milk given.

Get the best and never keep a poor cow the second year. No man can afford to keep a cow that will not make from 200 to 220 pounds of butter, or its equivalent in cheese, every year.

Every family finds more or less bones accumulating. Burn them with your wood, and the ashes thus enriched is one of the most valuable of all fertilizers.

SCIENTIFIC.

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

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

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

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

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.

Warping and winding in seasoning lumber arises from the curved direction of the fibers and from their spiral arrangement in many trees.

Silver is the most perfectly reflecting substance known, absorbing but 9 per cent. of the incident rays, while speculum metal absorbs 37 per cent.

A German chemist says frozen cabbages or plants lose none of their nutritive qualities, because the frost transforms the starch in the vegetable into sugar.

Tidal waves are often caused by submarine earthquakes in apparently fine weather, without any relation to hurricanes, although often accompanying them.

To tell a diamond from a gem, look through the stone at the point of a needle or a small hole in a card, and if there are two pits or two holes the stone is not a diamond.

Professor Nichols of Boston found 8 grains of arsenic to each square foot of a green dress submitted to his examination. Here is the fact of poisons freely used. Is there no remedy?

The black sulphide of silver, which forms on plated and silver wares, may be removed at once by wiping the surface with a rag wet with aqua ammonia, and without the trouble of rubbing.

Le Cultivateur remarks that rats, mice, and insects will at once desert ground on which a little chloride of lime has been sprinkled. Plants may be protected from insect plagues by brushing their stems with a solution of it. It has often been noticed that a patch of land which has been treated in this way remains religiously respected by grubs, while the unprotected beds round about are literally devastated.

There are forty-six varieties of the date tree, twenty-six of which are exhibited at the English conservatory of Kew Gardens.

Treat the Cows Kindly.

Treat the cows you milk with the greatest kindness. Never bawl at or kick or strike a cow. If cows are treated kindly they will readily yield their milk. If abused they will hold it up.

Calves and heifers should be potted till they give milk. They should be taught that man is their friend—not enemy. They should be well fed because they can't give milk without eating the material to furnish it.

MILK AS A SOPORIFIC.—According to the Pharmacists it is a frequent practice in the New York Asylum for Inebriates to administer to the patient at bedtime a glass of milk to produce sleep, and the result is often found satisfactory without the use of medicine.

If you desire to get a large yield of rich milk, give your cow every day water slightly warm and slightly salted, in which bran has been stirred at the rate of one quart to two gallons of water.

Signs of a Prosperous Farmer.—When you see a barn larger than his house, it shows that he will have large profits and small afflictions.

When you see him driving his work instead of his work driving him, it shows that he will never be driven from resolutions, and that he will certainly work his way to prosperity.

When you always see in his wood-house a sufficiency for three months or more, it shows that he will be more than a ninety days' wonder in farming operations, and that he is not sleeping in his house after a drunken frolic.

When his sled is housed in summer and his farming implements covered both winter and summer, it plainly shows that he will have a good house over his head in the summer of his early life and the winter of old age.

In Breslau a successful attempt has been made to erect a paper chimney about fifty feet high. By a chemical preparation the paper was rendered impervious to the action of fire or water.

The increase of flouring mills in the four States of Illinois, Wisconsin, Iowa and Minnesota, from 1860 to 1878, was from 1,133 to 3,600.

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

Montigny confirms the assertions of other observers that the scintillations of stars are intensified during the prevalence of aurora borealis.

No delicate is the machinery used for cutting out wood for "papering" walls that two hundred leaves are cut from an inch of white maple.

Vegetable isinglass, heretofore obtained from Asia, is now exported from French seaweed, and is used for sizing cotton cloth.

PERSONAL.

M. Gambetta has joined the French Alpine Club.

Hannibal Hamlin always wears a claw-hammer coat.

Whittier is in failing health, and unable to do any literary work.

Charlotte Thompson, the actress, owns one of the finest plantations in the South.

It is said Prince Napoleon is a Roman Catholic, and therefore he cannot marry an English Princess.

Sir Edward Thornton is now serving in his eleventh year of office as British Minister at Washington.

The last descendant of John Bunyan died lately in England. She was an ancient dame of 84, and her name was Ann Webster.

Professor Max Müller was one of Prince Leopold's teachers at Oxford, and he declares that the Prince was really fond of study.

Dr. Newman, the new English Cardinal, plays on the violin and violoncello with exquisite taste and skill. The symphonies of Beethoven are his evenings' delight.

"Ike Marvel," the quietest of authors, is now a white-haired man, with a genial, intellectual face and kindly eyes, whose country life, brightened by his family, his books and his pipe, is truly idyllic.

Miss Harriet Hosmer is complimented by the World of London as the greatest of the few female sculptors the world has ever seen, and one of the very few among those who have produced strong work and not mere prettiness.

A new fuel, formed of the residuum of petroleum and coal tar, mixed to the consistency of molasses, is expected to produce great results.

The use of the microphone is suggested to determine whether insects communicate with each other by any audible means.

Two new properties have been attributed to salicylic acid—that of purifying water, and of totally arresting germination.

It is proposed to erect a Central West Indian observatory on the hills near Kingston, Jamaica.

Since last August Paris has expended \$10,000 in experimenting with the electric light.

The Centaur Liniments are of two kinds. The White is for the human family; the Yellow is for horses, sheep, and other animals.

Preparations are wrapped around every bottle, and may be procured of any druggist, or by mail from the Office of THE CENTAUR COMPANY, 46 Day Street, New York City.

PATRONS OF HUSBANDRY.

State Grange Deputies for 1878.

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FOWLS FOR DIFFERENT PURPOSES.—Henry Stewart, in the Rural New Yorker, concludes an interesting article on the above subject as follows:

For eggs alone, one should choose White Leghorns, if that color is desired; for black fowls, the Black Spanish, and for handsome plumage and eggs, the Brown Leghorns; for eggs and flesh, the Light Brahma first, and the Plymouth Rock next. For brood fowls as fester-mothers for non-sitting broods, the Cochins or Games, are admirable. For a small yard where beauty is the first consideration and a few but sufficient eggs are desired for family use, the Hamburgs of the different varieties, or the French or Polish fowls and Games will be found suitable, while for ornament alone and for young folks' pet, the silky White-crested Sultans, or one of the many varieties of the Bantams may be procured. As to the common, old-fashioned, mixed-up, mongrel, "barn-door fowl," that ought to be consigned to oblivion as an unprofitable nuisance.

SLAUGHTERING FOWLS FOR MARKET.—Death by strangulation always presents a bad appearance, because the blood is instantaneously arrested, and, having no outlet to flow off in, it coagulates in the veins, presenting a swollen, dark appearance. This may take place, to some considerable extent, when death is produced in any sudden manner; therefore the best way to kill fowls for market is to cut off the main arteries by putting a small-bladed knife into the mouth or upper portions of the throat and thus bleed them freely, holding them quietly until the struggles cease. Fattening is not all that is to be done to prepare for market. But to have poultry well dressed, preserving the color and freshness which most nearly resembles the living flesh, is a matter of prime importance in determining prices.

An English physician recommends the juice of celery, mixed with honey of roses and barley water, to be used as a gargle by those who suffer with sores and ulcers in the throat and mouth.

There will be an international exhibition of sea and river fishing material at Berlin in 1880.

Germany is rapidly completing an excellent system of submarine telegraph lines.

Liver is King.

The Liver is the imperial organ of the whole human system, as it controls the life, health and happiness of man. When it is disturbed in its proper action, all kinds of ailments are the natural result. The digestion of food, the movements of the heart and blood, the action of the brain and nervous system, are all immediately connected with the workings of the Liver. It has been successfully proved that Green's August Flower is unequalled in curing all these ailments, with Dyspepsia or Liver Complaint, and all the numerous symptoms that result from an unhealthy condition of the Liver and Stomach. Sample bottles to try, 10 cents. Positively sold in all towns on the Western Continent. Three doses will prove that it is just what you need.

Solid Merit will Tell.

For all the bitter opposition of jealous rivals, no better illustration could be had of this fact than the immense sale already attained by the great Throat and Lung Remedy, Dr. Aug. Kaiser's German Syrup. For all ailments of the Throat and Lungs, it is truly wonderful, even those suffering from Consumption in advanced stages find great relief, and numbers of patients have found, to their delight, not only relief but cure. It is being perfectly harmless, makes it at once popular with mothers, and all others have felt the necessity of such a medicine. The genuine bears the Prussian Coat of Arms, the face simile signature of Dr. Aug. Kaiser, and has his name blown on every 75 cent bottle. A trial size may be had at the Drug Store of— for 25 cents.

A Gentle Hint.

In our style of climate, with its sudden changes of temperature,—rain, wind, and sunshine often intermingled in a single day,—it is no wonder that our children, friends and relatives are so frequently taken from us by neglected colds, half the deaths resulting directly from this cause. A bottle of Boschee's German Syrup kept about your home for immediate use will prevent serious sickness, a large doctor's bill, and perhaps death by the use of three or four doses. For curing Croup, Whooping Cough, Bronchitis, Severe Coughs, Croup or any disease of the Throat or Lungs, its success is simply wonderful, as your druggist will tell you. German Syrup is now sold in every town and village on this continent. Sample bottles for trial, 10c; regular size 75c.

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The Imported Clydesdale Stallions

ROB ROY and MERRY MASON

Will make the season as follows: ROB ROY, at Durbin's Stable, SALEM, Monday, Tuesday, and Wednesday, each week, and JOHN PUGLI'S FARM the three days following.

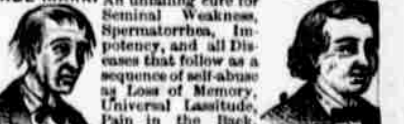
The Celebrated Draft Stallion LOUIS NAPOLEON

Will make the season of 1879 as follows: At my Farm, in Waldo Hills, Mondays and Tuesdays, Wednesdays and Thursdays, Fridays and Saturdays.

TERMS—Leap, \$10; Season, \$15; Insurance, \$1. The Season will begin April 7.

GRAV'S SPECIFIC MEDICINE. The Great English Remedy.

TRADE MARK. An unfailing cure for Seminal Weakness, Impotency, and all Diseases that follow as a consequence of self-abuse.



Before Taking. After Taking. Many other Diseases, such as Insanity or Consumption, and a Premature Grave.

Sold in Salem and everywhere in the United States and Canada by all wholesale and retail druggists.

Cuns! Cuns!

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SHOT-GUNS and SPORTING RIFLES, of all standard makes. A full line of

Pocket Cutlery, Knives, Razors, and SCISSORS, direct from England. Also Fishing Tackle

Will sell as low as anybody.

Buena Vista POTTERY.

AFTER A PERIOD OF IDLENESS, THESE

works have now for several months been in full operation manufacturing a superior and improved article which I am able to offer to the trade as of

First Quality.

My present stock is superior to anything manufactured in this Pottery for five years past, and is equal to best cutlery for strength and durability.

I Guarantee Satisfaction.

Orders, or requests for information as to price list, should be addressed to

A. M. SMITH, Buena Vista, Ast. 30-41 Proprietor.

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Offers pleasure in offering to the Wool-growers of Oregon and the adjoining Territories the chance to purchase THOROUGHbred MERINOS, and assuring parties interested that they can, and will endeavor to, sell sheep of the same quality and value at

MUCH CHEAPER RATES than such can possibly be imported. Examination and comparison with other Sheep offered in the market are cordially invited.

Address JOHN MINTO, Salem, Oregon.

N. B.—The Rams and Ram Lambs of the flock can be seen on the ISLAND FARM, adjoining Salem.—The Ewes can be seen at the same place, or at the HILL FARM four and a half miles south of the city Salem, September 10, 1878.

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Ague Mixture

Chills and Fever are permanently

cured by Dr. Jayne's Ague Mixture. With a little care on the part of the patient to avoid exposure, and the occasional use of JAYNE'S SANATIVE PILLS, this remedy will be found to be certain in its operation, and radical in its effects. In many sections of the country subject to Ague and other malarial diseases, it has an established character as a popular specific for these harassing complaints, and the number of testimonials received show that its reputation is constantly increasing.

Intermittent and Remittent Fevers are effectually cured by Dr. Jayne's Ague Mixture. In these complaints care should be taken to follow the directions closely, and especial attention given to the liver, which should be assisted in performing its functions by DR. JAYNE'S SANATIVE PILLS.

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