

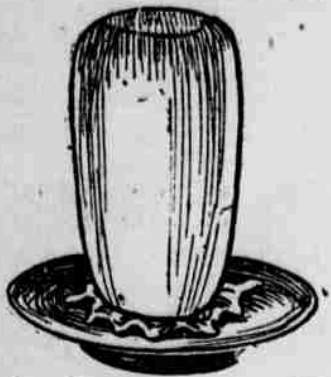
FARM MATTERS.

Sheltering Cattle.

I feed cattle of all ages, the bulk, however, being from one to three years old. One of the best feeds I can get is two parts corn and one part oats for the first thirty days.

An Inexpensive Feeder.

After the syrup has been made, pour it into an ordinary fruit jar, cover with a single thickness of cheese cloth and tie with a string around the neck of



the jar. Now invert on top of it a breakfast plate, and turn the whole upside down on top of the brood frames in the position shown in the illustration. The syrup will ooze out as fast as the bees slip it up, and no faster.

Green Manuring.

There are plenty of farmers who do not believe in or practice green manuring. They think it a better and more profitable plan to harvest a crop, whatever it is, and feed it to animals.

few drops of lard and some of something of that quieting nature. Place the bird in a low coop to prevent flying or exertion.

A Homemade Brooder.

This brooder has given excellent satisfaction. The cut shows the lamp below a sheet of iron that securely shuts off the lamp chamber from the

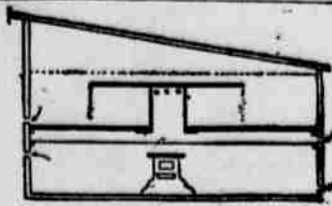
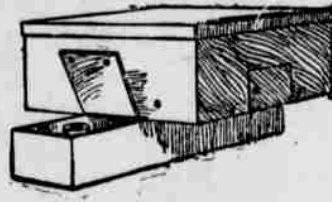


DIAGRAM OF BROODER.

space above. Bed the sheet iron in white lead to make it air tight. Above the sheet iron is a floor of matched stuff, and in the center is a five-inch drum opening into the space between the floor and the sheet iron.

Not more than fifty chicks should be placed together when hatched, and two weeks later not more than half this number should be brooded in one lot.

Chicks persist in running under the incline. To obviate this, a plan is shown in the second illustration, where the lamp box is narrow and extends in front of the brooder.



BROODER SET LEVEL.

can be dug in the ground for the lamp box, bringing the brooder proper down level with the ground, so that the chicks can run in and out at will.

Scientific Cheese Making.

The cheesemaker should be more acquainted with the scientific reasons of curing than many profess to-day, and there is room for improvement in this line which is pretty well recognized by the dairy schools and experiment stations.

Care of the Poultry.

At this season of the year great care is needed to keep birds comfortable, especially on cold nights. If buildings are not extra warm, the best way is to place the roosts in a partition around them, leaving a door in front, or hang up an old carpet to let draft after they go on the roost.

When a bird has taken cold and makes a noise resembling a crow, give a little keystone oil from a small oil can, so as not to cause strangling. One dose usually is sufficient, as in a few hours the noise will cease.

When birds have lice, you will usually find them in the feet more than under the wings. Rub with insect powder down to the skin and it will kill the lice.

At a Japanese banquet it is considered a compliment to exchange cups with a friend.

COMMERCIAL REVIEW.

General Trade Conditions.

R. G. Dun & Co.'s "Weekly Review of Trade" says: "Despite the interruption of taking inventories and other disturbing elements incidental to the closing of the old year, the past week has been far from dull."

The new year opens with every prospect of exceptional activity in all branches of business. Railway earnings thus far available for December show a gain of 7.7 per cent. over 1901, notwithstanding the heavy loss of coal traffic.

"The question of higher freight rates complicated the situation regarding iron and steel, but new orders are constantly coming forward. Quotations of all products in this industry are fully maintained, with a tendency toward still higher prices because of freights and fuel. The first advance is expected to occur in wire nails."

"No new orders have developed in the footwear situation, prices remaining firm and order books full. Aside from a slight reaction in union backs, the leather market is strong, hemlock sole receiving the additional support of exceptionally heavy exports to Europe.

"Firm products weakened as visible supplies increased, and reports from the West indicate that much more grain is offered for shipment than the railroads will accept. Exports of corn are steadily gaining. For the week at Atlantic ports 2,315,403 bushels were sent out, compared with only 347,193 bushels in the corresponding week a year ago.

LATEST QUOTATIONS.

Flour—Spring clear, \$3 25; 34.5; best Patent, \$4.65; choice Family, \$3.90. Wheat—New York No. 2, 78c; Philadelphia No. 2, 76 3/4; Baltimore No. 2, 77 1/2.

Corn—New York No. 2, 58c; Philadelphia No. 2, 57 1/2; Baltimore No. 2, 57 1/2.

Oats—New York No. 2, 38 3/4; Philadelphia No. 2, 41c; Baltimore No. 2, 40c.

Hay—No. 1 timothy, \$17.50; 18.00; No. 2 timothy, \$15.50; 16.00.

Green Fruits and Vegetables—Apples per barrel, fancy \$2 75; 2 50; fair to good per barrel, 1 50; 2 20; Cabbages, Domestic, per ton, \$7.00; Celery, per ton, 15 20; Eggplants, native, per 100, \$1 50; 2 00; Grapes, basket, 12a 15c.

Butter, Separator, 30a 31c; Gathered cream, 28a 29c; prints, 1-lb 31a 32c; Rolla, 1-lb, 30a 31c; Dairy pts. Md., Pa., Va., 32a 29c.

Eggs, Fresh-laid eggs, per dozen, 32a 25c.

Cheese, Large, 60-lb, 13a 13 1/2c; medium, 30-lb, 13a 13 1/2c; picnics, 23-lb, 13a 13 1/2c.

Live Poultry, Hens, 11a 11 1/2c; old roosters, each 20a 30c; Turkeys, 13a 14c; Ducks, 11a 12c.

Hides, Heavy steers, association and salers, late kill, 60-lb and up, close section, 12 1/2a 12 3/4c; cows and light steers 12a 12c.

Provisions and Hog Products.—Bulk clear rib sides, 10 1/2c; bulk shoulders, 10 1/2c; bulk bellies, 11 1/2c; bulk ham butts, 10 1/2c; bacon clear rib sides, 10 1/2c; bacon houlders, 11 1/2c; sugar-cured, broads, 13 1/2c; sugar-cured, shoulders, 11 1/2c; sugar-cured California hams, 10 1/2c; jans canvased or uncanvased, 12 lb and under, 14 1/2c; refined lard tierces, 13a and 50 lb cans, 9c; refined lard, 14 1/2c.

There are more things done without motive in this world than are dreamed of by the police department.

THE RAILROADS OF AUSTRALIA

There Seems to Be Something Wrong With the System.

Not long ago the state railway authorities in Melbourne, Australia, had to investigate a case of a guard's leaving his van, walking along the footplate, clambering up the engine, and making a furious assault upon the driver, the train going at full speed all the while.

Garfield's Nomination. At the Republican national convention in 1880 the Blaine Half-Breeds (to use the nomenclature of the day) and the Grant Stalwarts, 309 in number, hugged each other in a death grapple.

Work of Private Detectives. Doubtless not one person in a thousand has a correct idea of the character or significance of this most singular outgrowth of ultra-civilized conditions.

The average lake trout lays 6,000 eggs each season, and the whitefish a greater number.

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Mother's Cherry Pectoral advertisement. "My mother was troubled with consumption for many years. At last she was given up to die. Then she tried Ayer's Cherry Pectoral, and was speedily cured."

Potash advertisement. "A Golden Rule of Agriculture: Be good to your land and your crop will be good. Plenty of Potash in the fertilizer spells quality and quantity in the harvest."

Why Syrup of Figs is the best family laxative

It is pure. It is gentle. It is pleasant. It is efficacious. It is not expensive. It is good for children. It is excellent for ladies. It is convenient for business men. It is perfectly safe under all circumstances. It is used by millions of families the world over. It stands highest, as a laxative, with physicians. If you use it you have the best laxative the world produces.

Because advertisement for California Fig Syrup. Its component parts are all wholesome. It acts gently without unpleasant after-effects. It is wholly free from objectionable substances.

SERMONS TO THE PURITANS.

Thought Themselves Wronged if the Preaching Was Not Long.

At Lorimer hall, Tremont temple, Monday evening, at the monthly meeting of the Congregational club, Leon H. Vincent spoke on "Kings of the Colonial Puritans," giving a history of the Mather family and their habits.

The sermons were long-winded, and in an hour the minister usually only got started. An old record says: "Mr. Hooker preached two hours and seventeen minutes while not feeling well. How long he would have talked if he was in good health!

Work of Private Detectives. Doubtless not one person in a thousand has a correct idea of the character or significance of this most singular outgrowth of ultra-civilized conditions.

Book of Comfort for Mourners. Quite a successful business by preparing obituary albums has been built up by a New York man. He has 1,500 daily newspapers from different cities of the country, and clips from them obituary notices.

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Hazarding a Guess.

"This is the laundry," said the agent who was showing them through the house. "Here, you see, are stationary washbasins."

Steamfitters at Buffalo, N. Y., will receive an increase of 25 cents a day on April 1.

The English Government is expected to issue the Transvaal loan in March.

Many School Children Are Sickly. Mother Gray's Sweet Powders for Children, made by Mother Gray, nurse in Children's Home, New York, break up Colds in 24 hours.

Museums are much in favor in Russia. Even in Siberia nearly every town of 10,000 inhabitants has one.

How's This? We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

WEST & TEAZ, Wholesale Druggists, Toledo, Ohio. WALKER, KINNA & MARVIN, Wholesale Druggists, Toledo, Ohio.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price, 75c. per bottle. Sold by all Druggists. Testimonials free. Hall's Family Pills are the best.

In order to deepen the River Thames, in England, the conservators have determined to expend a sum of \$70,000 on dredging the river.

FITS permanently cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. \$2 trial bottle and treatise free. Dr. R. H. Kline, Ltd., 231 Arch St., Phila., Pa.

Hope should always be supplied with a paracetamol to act as a man down away.

Mrs. Wiglow's Soothing Syrup for children teething, soothes the gums, reduces inflammation, allays pain, cures wind colic, 25c. a bottle.

When tears do not avail a woman she wishes she were a man and could swear.

Piso's Cure cannot be too highly spoken of as a cure for all the ailments of the bladder, ureters, kidneys, etc., etc.

Footprints in the sands of time will be out of date when we get aerial navigation.

Old Sykes, Backs of Chairs, etc., can be dyed with PUTNAM FADELESS DYES.

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Home Assimilation.

"We," says the explorer, as he endeavors to make the cannibal chief understand why his country is to be annexed, "have no desire except to benevolently assimilate you."

"Huh," replies the cannibal chief tain. "So far as we, personally, are concerned, our assimilating processes are in good repair. We have assimilated two missionaries and four sailors within the past year. I guess we will go about all the assimilating that needs to be done on this island."

And the explorer was led around the back way to the pantry.—Baltimore American.

A Scientific Note.

The professor's boy had been obstreperous all the evening, and finally forbearance ceased to be a virtue.

"Here," said the professor, as he took the boy under his arm and started up the stairs, "is where you see the eclipse of the sun."

Shortly thereafter the guests remarked among themselves that they never knew an eclipse was such a noisy affair.

Most marriages would indicate that women are natural-born hypnotists.

ST. JACOBS OIL POSITIVELY CURES Rheumatism, Neuralgia, Headache, Backache, Footache, All Bodily Aches AND CONQUERS PAIN.

Rheumacide advertisement. Rheumacide and Selenia by neutralizing the acids in the blood and driving them out of the system. It is the best and the best blood purifier.

Advertisement for Cascarets, Capsicum Vaseline, Fruit Trees, and Dropsy. Cascarets: True valor knows when to run. Capsicum Vaseline: Put up in Collapsible Tubes. Fruit Trees: FRUIT TREES, ORNAMENTAL TREES, STRAWBERRY PLANTS, SHRUBS, ROSES, GRAPE VINES, ASPARAGUS, ETC. Dropsy: DROPSY NEW DISCOVERY: gives quick relief and cures water on the face, neck, chest, and abdomen.