

FARMS AND FARMERS



Water for the Bees.
Give the bees plenty of water. They need a great deal and will fly a long distance to get it.

If there is no running stream or lake of pure water near it is well to place a pail of fresh water near the apiary every day.

Bees use water to dilute the heavy, thick honey left over from winter to make it suitable for the young larvae and also to make the cell wax pliable.

Bees should be protected from the wind on the north and west by a close-set hedge or high fence.

All the weeds should be kept down in front of the hives. Mow a plot 6 feet wide and then cut the weeds and grass close to the ground with a hoe.

An hour once a week spent on the care of the bees will bring larger returns for the effort than any other labor on the farm.

A newspaper man in Chicago, who lives a few miles out in the country, last year sold \$225 worth of honey to three big hotels. He says he did not spend more than an hour a week looking after his bees during the season.

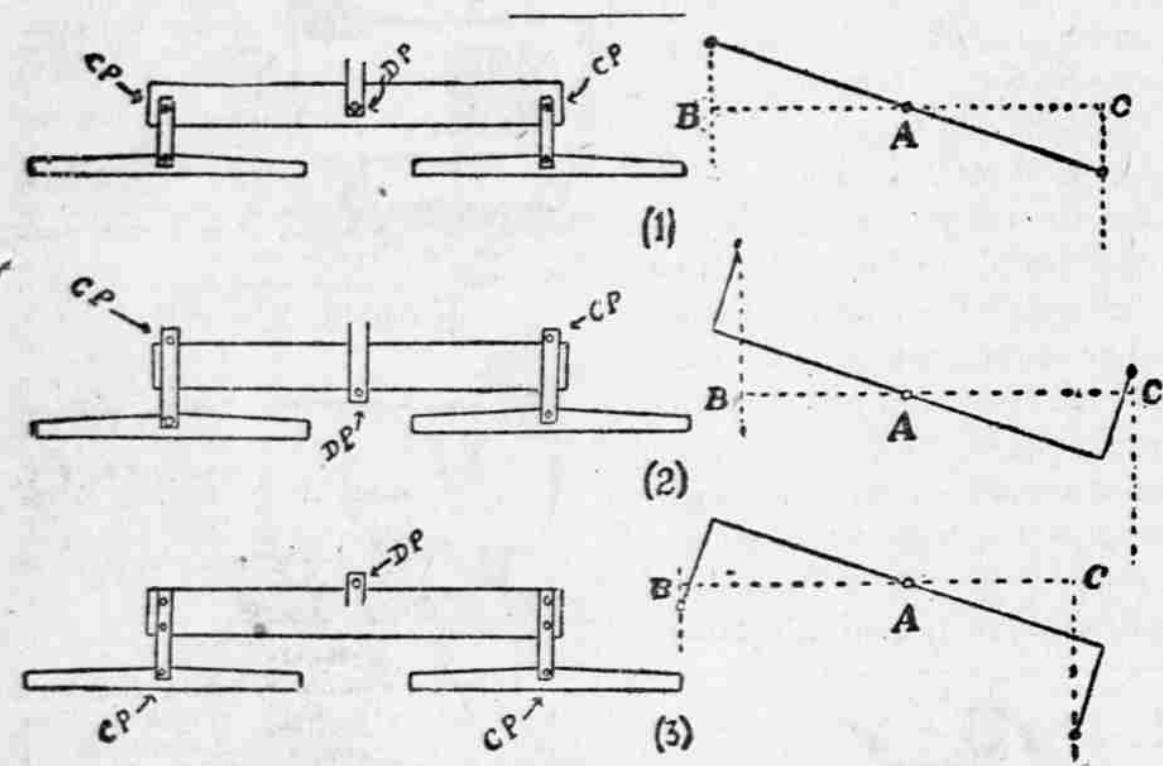
Feed for Chickens.
Feed chickens the first day or two upon a mixture of bread crumbs grated fine and hard-boiled egg chopped fine. Keep water before them in a small fountain, so they can drink but not get into it. In a few days feed upon rolled oats, finely cracked corn and any small seeds. Add a

Lambert families. The Morgan type is short of leg, thick and round barrel, intelligent and of great courage and endurance.

Alfalfa Planting.
It should not be forgotten that the spring is the proper time to prepare the alfalfa crop that is to be planted next fall. The ground which is expected to be used for this crop should not be planted to small grain; neither should corn precede alfalfa, because the ground will not be kept free of weeds and grass. The best preparatory crop for alfalfa is cow peas; then after the vines are removed or plowed under the ground should be well broken and kept clean of weeds and grass by surface cultivation until it is seeded in alfalfa the following fall. Peanuts may be grown instead of cow peas, if the crop is considered more desirable, as it is perhaps, but they must be kept well cultivated and especially allow no earth grass to grow in the crop.—Chicago Inter Ocean.

Cow Peas for Vineyards.
Cow peas are a good crop for vineyards. The grapes are given thorough cultivation until late June, when the cow peas are sown. Before this practice was begun, says the Farmers and Drivers' Journal, it was a problem to hold the soil about the roots of the vines. After cropping with cow peas for several seasons the land washes but little and the vines grow better and bear better. The cow peas make sufficient cover, so one does not get into the mud when pruning in wet weather in late winter or early spring. Whether grown in the orchard or vineyard the peas should usually be plowed under the following spring. In this

DRAFT ON DOUBLETREE.



There is a difference of opinion regarding the pulling ability of each horse in a team. Some are of the opinion that the horse ahead is pulling the most, and vice versa.

The draft on each horse depends entirely on the relative lengths of the lever arms, and the lengths of the lever arms depend on the position of the clevis pins with respect to the draw pin. In upper diagram (1) the clevis pins and the draw pin are in a straight line, hence the lever arm is the perpendicular distance from the draw pin (A) to the line of draft of each horse. The lever arms in this case are A. B. and A. C., which are equal, no matter how much one horse is ahead of the other. One horse always pulls the same amount as the other.

In diagram (2) the clevis pins are behind the draw pin, and when one horse pulls ahead of the other his lever arm (A. C.) becomes longer and (A. B.) the lever arm of the one behind becomes shorter. In this case the horse ahead, having a large lever arm, has the advantage and pulls less than the one behind.

In diagram (3) the clevis pins are ahead of the draw pin, and when one horse pulls ahead his lever arm shortens and the lever arm of the one behind lengthens. The horse ahead, having the lever arm shorter, pulls more than the horse behind.

Little beef scraps to the food. In the course of two weeks whole wheat can be given. This is the dry method of feeding, which is coming into vogue quite extensively. Here is another method of feeding: Mix dry two parts of corn meal, one part of finely ground wheat bran and one part of beef scraps. After they are thoroughly mixed add boiling water in sufficient quantity to make a stiff dough. Cover the vessel and let it cook. Feed the dough warm or cold, but never hot.—Denver Field and Farm.

way they protect the soil without losing any essential part of their fertilizing value.

Value of a Small Stream.
An interesting example of the value of a small stream for light and power purposes may be found near Sacramento, Cal. A trout stream has been dammed up and the power in the form of electricity has been used for doing such light work as washing and ironing, also for cooking and lighting in the home of the owner. As the stream is very small during the dry months, an old miner's ditch has been dammed to form a reservoir of 100,000 cubic feet capacity. The plant cost \$1,500 and in a single year has done \$700 worth of work.

Portable Canning Machine.
A machine by which the farmer can prepare and can his fruits, tomatoes, corn, beans, or any other farm produce which can be canned, in the fields or orchards in which the vegetable or fruit is growing, is described in Popular Mechanics. Mounted on a wheelbarrow arrangement, the machine can be pushed from one orchard to another or from a tomato patch to a cornfield as necessity requires. Water for the process is heated by a kerosene burner.

How to Set Fence Posts.
Any timber will last quite well if set in this way: Dig a square hole about a foot deep, throwing the dirt well back. Sharpen the post and drive well into the bottom, then put a flat stone against each side and a chunk against the post, the boards holding it the other way. This prevents their rotting off at the surface of the ground as they always do.

Value of Quality.
Extra large specimens of vegetables are all right for exhibition purposes and to win prizes with, but they are not what the average consumer wants and is willing to pay freight on. Quality, uniformity of size and smoothness are what the average man wants.

Work of Congress

Having completed consideration of items of the tariff bill that had been passed over under objections by Senators during its second reading the adjournment of the Senate Saturday marked an important period in the progress of the measure. When the bill is again taken up it will be upon its third reading for the final disposition of items upon which the most pronounced objections have been made. In completing the second reading of the bill, works of art, over twenty years old, and collections illustrating the progress of the arts over one hundred years old, which were placed in the free list by the committee on finance, were retained there after an interesting debate by a vote of 53 to 15. The starch industry received protection by a reversal of the recommendations made by the committee by which tapioca and sago flour will be subject to a duty of 1 cent a pound when not imported for food. Crude potash, potash carbonate, caustic potash and radium were placed upon the free list. The House was not in session.

Sugar was the stirring subject before the Senate Monday. It was brought to the front in connection with the consideration of the finance committee's substitute for the House provision of the tariff bill regulating the admission of Philippine articles into the United States. Mr. Bristow criticized the clause providing a duty on sugar admitted into the Philippines equal to that on sugar brought into the United States and exempting 300,000 tons of Philippine sugar from duty when brought into the United States. It was contended that the provisions were intended to promote the interests of the American sugar trust and not to benefit the Philippine producers. The supporters of the provision argued that to admit sugar into the islands free of duty would be to open the way for its free admission into this country. The only vote taken during the day session was on an amendment by Mr. Bristow admitting sugar into the Philippines free of duty. It was lost, 11 to 49. The Senate at 5:30 p. m. took a recess until 8 o'clock, when the discussion of the Philippine tariff was resumed. After a session of ten minutes the House adjourned until Thursday. Upon motion of Representative Murphy of Missouri, a resolution was passed, calling upon the Secretary of the Interior to forward the reports of Cyrus Bede, an Indian inspector, on the conduct in office of J. Blair Schoenfeldt, Indian agent at Union Station, Indian Territory, in 1904. Following the investigation by Bede, Schoenfeldt resigned, but the reports were never made public.

In the Senate Tuesday morning Senator Burkett of Nebraska vigorously denounced the finance committee for its change of front overnight on the subject of tobacco importations from the Philippines, which he declared looked like a game of petty politics directed against Senator La Follette, and declared it gave the Senate a good opportunity to vote lack of confidence in the committee. This denunciation was called out by Senator Aldrich's acceptance of Mr. Bulkeley's amendment to reduce the number of cigars from the Philippines to be admitted duty free from 150,000,000 to 70,000,000 and the quantity of filler tobacco from 1,500,000 to 1,000,000 pounds, with a provision that the wrapper and filler tobacco should be unstemmed. Mr. Aldrich in reply said there were men whose denunciation was the highest commendation. Senator La Follette proposed a further reduction in the free importation of cigars to 60,000,000 annually. This was defeated, 38 to 27. Senator Borah announced his intention of voting to give the Philippines an independent government. At 6 o'clock the Philippine amendment was laid aside and Mr. Aldrich presented the amendments to the silk schedule, which were adopted. The House was not in session.

The message of President Taft recommending the incorporation in the tariff bill of a tax on corporation earnings was read in the Senate Wednesday and referred to the committee on finance after Senator Gore had made an ineffectual effort to order the committee to report next Friday. The finance committee's recommendations regarding the admission of Philippine products was adopted. Senator Aldrich presented the committee's substitute for the House zinc schedule and after several long speeches this also was adopted. The silk schedule as reported Tuesday was agreed to. Mr. Aldrich said it made the rates slightly above the existing law. The House was not in session.

NUBBINS OF NEWS.
A big snow slide is reported in Abercrombie canyon on the Copper River in Alaska and two men were buried by the slide.
George Baglin, vice president of the United Copper Company and aid of F. Augustus Heinze, was sent to the Tombs prison in New York for failing to produce the company's books in court.
James J. Hill at Seattle said that James A. Patten did not cause a corner in wheat. It was the law of supply and demand that caused the flurry, he said, as this country now consumes 520,000,000 bushels a year, leaving only 20,000,000 for export.

The Exceptional Equipment

of the California Fig Syrup Co. and the scientific attainments of its chemists has rendered possible the production of Syrup of Figs and Elixir of Senna, in all of its excellence, by obtaining the pure medicinal principles of plants known to act most beneficially and combining them most skillfully, in the right proportions, with its wholesome and refreshing Syrup of California Figs.

As there is only one genuine Syrup of Figs and Elixir of Senna and as the genuine is manufactured by an original method known to the California Fig Syrup Co. only, it is always necessary to buy the genuine to get its beneficial effects.

A knowledge of the above facts enables one to decline imitations or to return them if, upon viewing the package, the full name of the California Fig Syrup Co. is not found printed on the front thereof.

On a Pinch.
"For the present," said the political magnate, "you will have to be satisfied with filling some temporary vacancy from time to time."
"I'll be more than satisfied," faltered the despairing office-seeker, "with anything that will fill the vacancy in my stomach from time to time!"

Willing to Help the Cause.
Philanthropic Person (with subscription paper)—We are raising a fund to prosecute the white slavers. Can you assist us?
Baseball Magnate—Sure! I've just disposed of two of my players and got a good cash price for them. Hundred dollars be enough?—Chicago Tribune.

WOMEN SUFFER NEEDLESSLY.
Many Mysterious Aches and Pains Are Easily Cured.

Backache, pain through the hips, dizzy spells, headaches, nervousness, bloating, etc., are troubles that commonly come with sick kidneys. Don't mistake the cause. Doan's Kidney Pills have cured thousands of women afflicted in this way. Mrs. James Lutz, 422 N. Prospect St., Marion, O., says: "After suffering for fifteen years with kidney trouble, I have had a new lease of life through using Doan's Kidney Pills. Backache had been terrible. Racking headaches and dizzy spells, bloating, loss of energy, appetite and weight and extreme weakness alarmed me. I did not feel much better after using the first box, but after that improved rapidly and recovered fully."
Sold by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

Necessary, Not Choice.
A young man engaged board in a private family who were extremely devout. Before each meal grace was said. To their dismay the new boarder sat bolt upright while the others reverently bowed their heads. When the second day passed, and the young man evinced no disposition to unbend, the good lady of the house could endure the situation no longer.
"Agnostic?" asked she, sharply.
"No, madam," humbly responded the young man, "he'll."—Harper's.

The Father's Comment.
"Father," said the young man, "I've decided to get married, now that my education is completed."
"Humph!" sneered the father. "Your education may be completed, but if you get married you'll find that your training has just begun."

No Way of Finding Out.
One does not usually make a virtue of fault finding, but it seems, by Richard Grant White's experience, that it has its valuable part in social economy. Grumbling has always been considered a prerogative of John Bull, and not an agreeable one, but the incident taken from "England Without and Within" goes to prove that it has its uses.

I had been a little over a week in London lodgings, and had my breakfasts served by the housekeeper. One morning the maid said, as she took my tray:
"I'm afraid we shan't satisfy you, sir, with your breakfasts."
I told her my breakfasts were very good, that the tea, eggs, bacon, fish, muffins and marmalade were good enough for any man, and all I wished.
"Yes, but, you never grumble about anything you have, and so you don't know how to please you."

Little children are suffering every day in the year with sprains, bruises, cuts, bumps and burns. Hamlin's Wizard Oil is banishing these aches and pains every day in the year, the world over.

Apprehensive.
Fellow Statesman—Senator, that speech of yours in favor of the income tax was one of the strongest arguments I ever heard.
Eloquent Senator (with some uneasiness)—You don't think it changed any votes, do you?—Chicago Tribune.

Pettit's Eye Salve for 25c
relieves tired or overworked eyes, stops eye aches, congested, inflamed or watery eyes. All druggists or Howard Bros., Buffalo, N. Y.

His Preference.
Farmer (showing him his live stock)—These are my Jerseys. Ever see any finer cows?
City Visitor—They are certainly fine specimens. Still, I have always thought that if I were buying a cow for my own use I should prefer the—Early York breed.

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

If This Should Meet the Eye, Etc.
"How does your wife like the new flat?"
"She seems to be delighted with it. She found a box of old letters in one of the closets."—Chicago Tribune.

LOFTIS SYSTEM DIAMONDS WATCHES ON CREDIT
YOU CAN EASILY OWN A DIAMOND OR WATCH, or present one as a gift to some loved one. Send for our beautiful descriptive catalog. Whatever you select therefrom we send on approval. If you like it, pay one-third on delivery, balance in equal monthly payments. Your credit is good. Our prices are the lowest. As a good investment nothing is safer than a diamond. It increases in value 10% THE OLD RELIABLE ORIGINAL. \$14.10 to \$20 per cent. annually. Write today for descriptive catalog and watch credit house. Also, containing 1500 illustrations—it is free. Be it new, used or repaired. Dept. F 770, 22 to 28 State St., Chicago, Ill.—Branches: Pittsburgh, Pa. and St. Louis, Mo.

SORE EYES CURED.
Eye-balls and Lids Became Terribly Inflamed—Was Unable to Go About—All Treatments Failed—Cuticura Proved Successful.

"About two years ago my eyes got in such a condition that I was unable to go about. They were terribly inflamed, both the balls and lids. I tried some remedies without relief. Then I decided to go to our family physician, but he didn't help them. Then I tried two more of our most prominent physicians, but my eyes grew continually worse. At this time a friend of mine advised me to try Cuticura Ointment, and after using it about one week my eyes were considerably improved and in two weeks they were almost well. They have never given me any trouble since and I am now sixty-five years old. I shall never fail to praise Cuticura. G. B. Halsey, Mouth of Wilson, Va., April 4, 1905."
Potter Drug & Chem. Corp., Sole Props. of Cuticura Remedies, Boston.

Recent figures place the number of Protestant communicants in the United States at 32,283,658.

MUNYON'S PAW-PAWPILLS

The best Stomach and Liver Pills known and a positive and speedy cure for Constipation, Indigestion, Jaundice, Biliousness, Sour Stomach, Headache, and all ailments arising from a disordered stomach or sluggish liver. They contain in concentrated form all the virtues and values of Munyon's Paw-Paw tonic and are made from the juice of the Paw-Paw fruit. I unhesitatingly recommend these pills as being the best laxative and cathartic ever compounded. Get a 25-cent bottle and if you are not perfectly satisfied I will refund your money. —MUNYON.

53d and Jefferson Sts., Philadelphia, Pa.

LAND-IRRIGATED-LAND.
Perpetual water rights, fine water, productive soil, crop failures unknown. 65 bushels wheat per acre. 2 1/2 to 3 tons alfalfa. Healthful climate, free timber. Terms easy. Write now. Linwood Land Co., Rock Springs Wyoming.

Pastine TOILET ANTISEPTIC

NOTHING LIKE IT FOR
THE TEETH Pastine excels any dentifrice in cleaning, whitening and removing tartar from the teeth, besides deuring all germs of decay and disease which ordinary tooth preparations cannot do.
THE MOUTH Pastine used as a mouth wash disinfects the mouth and throat, purifies the breath, and kills the germs which collect in the mouth, causing sore throat, bad teeth, bad breath, grippe, and much sickness.
THE EYES when inflamed, tired, and burn, may be instantly relieved and strengthened by Pastine.
CATARH Pastine will destroy the germs inflammation that cause catarrh, heal the inflammation and stop the discharge. It is a sure remedy for uterine catarrh.
Pastine is a harmless yet powerful germicide, disinfectant and deodorizer. Used in bathing it destroys odors and leaves the body antiseptically clean.
FOR SALE AT DRUG STORES, 50c. OR POSTPAID BY MAIL. LARGE SAMPLE FREE!
THE PAXTON TOILET CO., BOSTON, MASS.

900 DROPS CASTORIA
ALCOHOL 3 PER CENT.
A Vegetable Preparation for Assimilating the Food and Regulating the Stomachs and Bowels of INFANTS & CHILDREN.
Promotes Digestion, Cheerfulness and Rest. Contains neither Opium, Morphine nor Mineral. NOT NARCOTIC.
Recipe of Old Dr. J. C. WELLS, 1859.
Perfect Remedy for Constipation, Sour Stomach, Diarrhoea, Worms, Convulsions, Feverishness and LOSS OF SLEEP.
Fac-Simile Signature of *Chas. H. Fletcher* NEW YORK.
At 6 months old 35 DROPS—35 CENTS
Guaranteed under the Food and Drug Act.
Exact Copy of Wrapper.

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The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of *Chas. H. Fletcher* and has been made under his personal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but experiments that trifle with and endanger the health of Infants and Children—Experience against Experiment.

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Castoria is a harmless substitute for Castor Oil, Purgative, Drops and Soothing Syrups. It is Pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhoea and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

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