

DAIRY HINTS

(Prepared by the United States Department of Agriculture.) Because of the delicate nature of milk and its susceptibility to contamination by dirt and odors, dangerous to the health of the consumer and likely. to cause loss to the producer, a dairy house constructed on sanitary principles and properly located is a necessity on every farm that sells milk.

The regulations of the different states vary, but it is usually found desirable to have such building a short distance from the barn, or, if it adjoins the stable, to have only an outside entrance. Prompt removal of the milk to facilitate cooling and prevent contamination is always necessary. A concrete, brick or tile house with asbestos or slate roof, although comparatively costly, is fireproof, durable and sanitary and requires few repairs. Other materials that may be used are stone. cement blocks and wood.

The floor of the milk house is particularly important, and concrete, be-cause of its ability to withstand moisture, decay and wear, is the best material. Although dressed tongue-andgroove lumber may be used for the inside walls, cement plaster makes the best finish. Light is important, and window space should be equal to at least 10 per cent of the floor space. To keep the air sweet and dry good ventilation is needed. In some climates windows and doors will provide it, but in most localities other means, such as a ventilating flue, will be found necessary. Flies and other germ-carrying insects must be kept out with screens so arranged that they will not interfere with the operation of the windows and doors.

Plentiful supplies of cold and hot water, for cooling and for cleaning and sterilizing, are a necessity if a high-class product is to be turned out. The unavoidable spilling of milk and the use of quantities of water demand an adequate drainage system that will carry the waste well away from the house. Most local and state health departments have specific regulations on this subject.

All of these problems of dairyhouse construction are discussed in detail in Farmers' Bulletin 1214, "Farm Dairy Houses," just issued by the dairy division of the United States Department of Arriculture, copies of



A Good All-Around Milk House for

Dairies.

ment of Agriculture, Washington, D. C.

SOY BEAN HAY AS ROUGHAGE

Tennessee Station Finds It Superior to

Corn Stover in Producing Milk

and Butter.

The Tennessee station compared soy-

bean straw and corn stover as rough-

age in the production of milk and but-

ter. The ration containing soy-bean

straw was found superior to that con-

taining corn stover. This ration pro-

duced more pounds of milk and butter

fat and produced them more cheaply

than the cornstover ration. In every

case there was less loss in milk and

butter fat during the feeding of soy-

bean straw than during the feeding of

corn stover. It was concluded from

these tests that soy-bean straw is a

EVERY MEAL NRGLEYS This new sugar-coated gum delights young and old. It "melts in your mouth" and the gum in the center remains to aid digestion, brighten teeth and soothe mouth

There are the other WRIGLEY friends to choose from, too:



Attack Premature. "Why did you strike this haber-

and throat.

dasher's clerk?" "Your honor," said the large, uncouth person, "he showed me a collar and said it was a 'perfect dear.'"

"Well," snorted the judge, "what did you hit him in the store for? Couldn't you wait until after closing time and catch him in an alley .- Birmingham Age-Herald.

Thousands Have Kidney

How to Tell.

The way to tell the difference between a Japanese statesman and a wooden image is to watch for the expression on the wooden image's face.

Lloyd Products Baby Carriages & Furniture

Ask Your Local Dealer

RGUING in support of the existence of an all-directing Intelligence in Nature one could select, a very satisfactory object-lesson in the banana. Old-fashioned people of an unscientific turn of mind might put it this way: God created the banana to give the world a cheap, nourishing and healthful food. A skeptical Chicagoan might say, of

CUTTING THE BUINCE FROM THE TREE

course, that it was not until the beginning of this century that Chicago knew anything about the banana as something to eat. True enough, but Chicago now cats bananas by the million, just as does nearly every other large city in the world. The fact that banana is a tropical fruit and has to be carried to the colder regions of earth adds rather than detracts from its value as an object-lesson, when taken in connection with other facts which may be summarized thus:

The bamana has been cultivated for food from the earliest historical times. It is indigenous to Asia and Africa; it may be indigenous to America or it muy have been brought here from Spain in the Sixteenth century. It is subtropical countries. In a generation the business of distributing it over the world has grown into an industry of tremendous economic importance.

nous crop. A banana plantation is set stores, docks, villages and hospitals, in virgin soil, from which the forest has sprung up in a region formerly alhas been cut. The plant is a herba- most uninhabited. Central America ceous perennial which contains about may indeed thank the banana trade S5 per cent water. The main stem is for by far the most progressive deunder ground and is a large fleshy velopment and constructive influence rootstock, called rhizome, which has which have ever reached its shores, large eyes after the fashion of a The modern hanana plantation is a potate. The "trunk" of the "tree" is a compact sheaf of leaf sheaths; some- the more impressive because of its times it reaches .. beight of 40 feet setting of primeval jungle. In the with a diameter of 2 feet and leaves transformation within a few years 12 feet long and 2 feet wide. Each from a riotous wilderness of huge "tree" bears one 'sunch and is cut trees, palms, vines, ferns and other down in harvesting the fruit. A plan- tropical growth to a vast tract of cultation comes into bearing in about tivated land, there is a succession of tifteen months. Young "trees," coming steps which can scarcely be contemup from the parent rootstock replace plated by those familiar only with those cut; plantations sometimes pro- farming operations in the temperate duce for twenty years from a single zone. The surrounding country is first planting. It is stated that the banana, grown for banana cultivation. Then comes on an equal acreage, will support a the clearing away of forest and brush, larger unmber of persons than will the digging of the main drainage wheat. In food value it heads all the ditches, the building of houses, railraw fruits. It surpasses many of the roads and tramways and the planting. vegetables in energy value and in tis- Then follows the gradual development sue-building elements. In fact, some and extension until vast areas are of the diet experts go so far as to say pouring their product methodically that the banana gives more food for and regularly into the holds of the the same cost than any other fresh ships at the loading ports. fruit or vegetable or fish, meat, milk or eggs. The bunnana is so constituted by na- dling are the all-important factors. To ture that it is one of the few fruits dispatch the modern type of refrigerawhich reach the perfection in food for steamer at regular and frequent value when harvested green. It was intervals, with a cargo of from 40,000 created to be tarvested green. It is to 75,000 stems of prime, freshty cut always harvested green, even when fruit, requires a vast area of good eaten in the tropics where it grows, producing land, connected with the Harvested green, it is, until fully ripe. tropical port by railways whose total practically a living organism drawing leagth may extend into the hundreds sustenance from its statk, with sap of miles. The rallways in turn are flowing and tissues changing. It gen- fed by a still more extensive system erates heat within itself for the ripening process



MAL AADING MACHINES

tions for banana cultivation. The main time. The whole system forms a most mountain backbone runs along the Pa- Interesting example of organization clific coast, the lesser ranges to the and attention to detail, eatstward, leaving wide slopes, river valleys and lowlands on the Caribbean side. It is in this section, a few miles back from the coast, at an eleva- of so-called "hands" or clusters. These tion of not more than 250 feet above sea level, with its hot days and humid containing from 10 to 25 individual nights and with an annual rainfall of bananas or "fingers." Commercially, now grown in most tropical and many from 80 to 200 inches, that the wilderness of tropical jungle has made way nine to six hands, any bunch having for the greatest fruit farms of the world. All within the past forty years an enormous agricultural industry, with cial-sized bunch has nine hands, all Nature makes the banana a contin- its related interests of railways, bunches with nine or more hands bemarvel of system and immensity, all quently twice, a week. A cutting "gang" usually consists of three men: thoroughly explored as to its fitness The quality and condition of the fruit and its prompt and careful hanof light tram lines. The fruit in some instances is subject to a railway haul The humana is scaled by nature in of 70 miles. The riding, work and pack unimals required on the farms to the dock and the bananas carried run into the thousands, and a small to conveyors or londing machines, army of employees and laborers is constantly engaged. Each plantation must of the steamship. Each class of fruit, have good telephone communication i. e., the nine, eight, seven and sixwith its district headquarters and with hand bunches, is usually stowed sepa central office for the prompt distri- arately, and stowage plans are pre-In the Bulletin of the Pan-American bution of cutting advices, control of Union for December there is an illus- deliveries and operation of the fruit tity of the different classes, to facilitrains. This central office in turn comhead offices and with the ships en on end, resting on the larger end or route, and every effort is made to have butt of the stalk, in from one to four the arrival of the fruit and the steamcompany. In this article the following or at loading port coincide, as well as ing and one or two tiers laid horizonto have the fruit, after it is cut, put tally thereon.

Central America offers ideal condi- aboard the ship in the briefest possible

FLOWER BLD

Each plant developed to maturity from the rootstock bears but a single bunch of bananas, which is made up hands grow separately in spirals, each bananas are classed as ranging from less than six hands not being readily marketable. The standard commer-

ing classed as "nine-hand" fruit. As fruit of various stages of development is coming on at the same time, a practiced eye is required to select the bunches of proper grade to be cut for shipment. Cutting of the fruit in a given section is done once, and fre-

a germ-proof package; its glove-like skin protects it from contamination of uli kinds.

The Lamana is so packed by nature that it is transported from plantation to consumer without box, crate or wrapping of any kind.

trated article on the banana, especially dealing with its cultivation in Central municates by cable or radio with the America and its transportation to the United States, compiled and edited by Philip K. Reynolds of the United Fruit points are made, unong others:

The "cutter," the "backer" and the "muleman," The "cutter" uses a long pole with a special knife attached to the end. He nicks the trunk of the tree a few feet below the bunch, and the weight of the bunch causes the trunk to weaken and bend where it has been cut. The top of the tree with its bunch of fruit is steadled by the pole to avoid its coming down with a rush and crushing the fruit. It is eased down until within the reach of the "backer," who receives the bunch on his shoulders and the "cutter" severs the bunch from the tree with a machete and cuts off the blossom end. "The "backer" immediately carries the bunch on his shoulders to the nearest packroad or tramline, and the "cutter" then cuts down the tree itself near the ground, where it quickly rots, the decayed stalk forming humus which acts as a good fertilizer for the soil.

> The loading of the steamer begins immediately upon the arrival of the first fruit train at the port. The cutting orders and the schedule of the fruit trains are so arranged that a continuous flow of fruit to the loading port is insured. The loading of th steamship continues day and night without interruption unfil completed. cargoes of 75,000 bunches being loaded in 12 to 15 hours

At all the principal banana loading ports, the cars of fruit are switched which take the bunches into the holds pared, showing the location and quantate the proper discharge of the cargo upon arrival. The bunches are stowed tiers or with one or more tiers stand-

PROTECT YOUNG FRUIT TREES

Mice Can Be Discouraged by Trampling Down Snow-Rodents Burrow in Grass and Refuse

Protect young fruit trees from mice. Wire screens about the trees are good. Tramp the snow well about each tree. This will often discourage the mice working around it. They like to burrow in grass and other refuse near the tree under the snow and eat the bark.

Trouble and Never Suspect It

Applicants for Insurance Often Rejected.

Judging from reports from druggists who are constantly in direct touch with the public, there is one preparation that has been very successful in overcoming these conditions. The mild and healing influence of Dr. Kilmer's Swamp Root is soon realized. It stands the highest for its remarkable record of success.

An examining physician for one of the prominent Life Insurance Companies, in an interview on the subject, made the aswhich can be obtained free of charge. tonishing statement that one reason why In this bulletin plans and pictures are so many applicants for insurance are regiven of nine types of houses, suitable jected is because kidney trouble is so common to the American people, and the for farms having from ten to several large majority of those whose applica-tions are declined do not even suspect hundred cows; for dairies where milk is sold in cans or bottles or is made that they have the disease. into butter; and for those using hand

Dr. Kumer's Swamp Root is on sale or power machinery. Those who are at all drug stores in bottles of two sizes, medium and large. However, if you wish interested in any particular plan may first to test this great preparation send ten cents to Dr. Kilmer & Co., Binghamobtain blue prints from the division of agricultural engineering, bureau of ton, N. Y., for a sample bottle. When writing be sure and mention this paper. public roads, United States Depart-Advertisement.

> Weakness of the Sex. It isn't at all unusual for a wife to stay longer on her honeymoon than her husband -Judge.

The medium should always be in good spirits.



BUY WHOLESALE! AUTOMOBILE PARTS. supplies for all cars. Large stock. Send description of parts wanted. We ship any where. RUPNER MOTOR CO., Salina, Kars

Factory Agents-All or spare time. Makes 550 to \$100 per week welling Custom Bully Baincoats. Spiling outfit and sample rain-coat free. The Custom Mfg. Co., Ashiand, O.



Oldtime Roller Skates

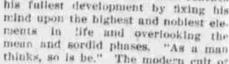
Early in the Elghteenth century the good people of Holland were in the habit of making burried errands on form that it immediately became popuskates, but on far more primitive lar and soon was sold everywhere as skates than are sold today even by, one of the favorite toys. the smallest shops. It was quite an art to navigate the Dutch skates of

those days-they were heavy and had only two wheels. The rest of Europe applied to the philosophy of the group thinks, so is be." The modern cult of never thought of using them until J. of American writers which centered the New Thought derives much of its 5. Plimpton, a New York inventor, about Concord, Mass., between 1850, doctrine from transcendentalism.

he did was to put four wheels on each the best known of them, while skate. Then he invented rubber Thoreau, Channing, Alcott and Marsprings, and, finally, in 1863, he put his garet Fuller were other well-known innovation on the market in such members of the circle. The transcen-

Transcendentalism.

This term is a vague one which was



dental philosophy might be briefly described as the belief that man reaches his fullest development by fixing his

valuable addition to the roughage in the feeding of dairy cows. took hold of the idea. The first thing | and 1880. Ralph Waldo Emerson was