DAIRY FACTS

LIKELY CAUSES FOR LAPSE OF APPETITE

Dairy cows sometimes suddenly stop eating for no apparent reason, and feeding steers may be similarly affected. More commonly, however, appetite gradually lessens until eating stops. Chewing the cud, or rumination, is also suppressed in these cases. It seems possible that the cow becomes tired of her ration if no change has been made for some time. Lack of succulent or laxative feed may also be a contributing cause. Anyhow, the liver seems to be torpid and little if any muscular motion (peristalsis) can be heard when the ear is placed against the animal's side. Lack of exercise, insufficient drinking water, an inadequate or irregular supply of salt, chill, fright or discomfort are other possible causes, and total lack or appetite is also a symptom of many serious diseases.

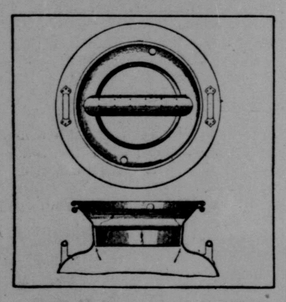
When disease is not present, try the effects of a change of feed. Apples or roots sometimes are relished. Raw potatoes may stimulate the appetite. A cow will sometimes eat whole oats when she refuses other feed. Salt placed in her mouth or salt dissolved in the drinking water may improve the appetite. Also offer alfalfa or clover hay, if timothy, prairie or swale hay has formed the roughage. Meal placed in the mouth may also coax the appetite.

In my experience fluid extracts of nux vomica and gentian root have proved, with acetic acid, the most effective medicines. Two ounces of dilute acetic acid well diluted with water and given night and morning for a few days sometimes starts the animal to eating. If it does not succeed, give twenty to thirty drops of fluid extract of nux vomica and one to two drams of fluid extract of gentian root in some flaxseed tea every six or eight hours, and if necessary gradually increase the dose of nux. Make the animal take active outdoor exercise every day. Take the chill off the drinking water. Supply rock salt or block salt. Protect the animal against cold drafts and wet weather.—A. S. A. in Successful Farming.

Ventilating Cover for Containers Is Invented

The Scientific American, in illustrating and describing a ventilating cover for containers, the invention of G. T. Morris of Missoula, Mont., says:

The invention relates more particularly to containers employed for transporting milk, cream and the like. One of the primary objects is to provide a



Ventilated Covers for Containers.

container in which the interior will be at all times in communication with the exterior, to afford proper ventilation of the contents. It is a further object to so construct the cover for milk containers that the gases generated within the container may be discharged therefrom.

Safe Practice to Feed Dairy Cattle Roughage

Feed the dairy cow all the roughage she will eat. Under ordinary conditions, this is safe advice, says E. S. Savage, authority on dairy rations at the New York State College of Agriculture at Ithaca. Silage and legume hay seem the best combination. The silage should be fed at the rate of about three or four pounds a day for each hundred pounds of live weight. This will usually mean the cow will then consume about a pound and a half of hay every day for each ten pounds of live weight.

Silage's chief value is its succulence. One should avoid feeding too much of it, since it is bulky and contains a low percentage of digestible nutrients.

To make the grain ration palatable, at least three different grains should be included. Jerseys will probably need about one pound of the mixture daily for each 3 to 3½ pounds of milk produced. Holsteins and other large-typed cows will need one pound of the mixture for each 3½ to 4 pounds of milk.

Feed Heifer Generously in First Milking Year

A heifer should be fed generously the first milking year to get her into the habit of milking generously and to develop her milk giving functions. Possibly her second breeding time should be extended a little so she may be milked a long time the first milking year in the hope of creating the habit of being persistent. Kindness and gentleness have much to do with the development of the dairy calf.

Horticultural News

COOLING PLANT FOR FRUITS IS ERECTED

(Prepared by the United States Department of Agriculture.)

A pre-cooling plant for fruits and vegetables, designed by experts of the United States Department of Agriculture, that does not require the use of expensive refrigerating machinery, has been built by the grape growers at Dinuba, Cal. It is intended to meet the needs of localities where the shipping period extends over only a few weeks and where mechanical refrigeration would not find other profitable uses. In this plant air is forced through hoppers containing a mixture of ice and salt into rooms holding the fruit or vegetables. It has been possible to reduce the temperature of the cooling rooms to 12 to 15 degrees below freezing. As the work done depends upon melting ice, the cost of the ice at the plant is the important factor in the cost of precooling by this process.

While in the insulated rooms the fruit and vegetables are brought down to the temperature at which they are to be maintained in the car on the way to market. The cars are cooled with ice, and this pre-cooling takes much of the load of temperature reduction off the ice in the car and leaves it for use in maintaining the low temperature.

The department is getting cost figures on this method of cooling. Shipments from Dinuba are being followed to New York, and the behavior of and prices received for the fruit and vegetables handled in this way will be compared with those received for products handled in other ways.

Spraying Gets Codling Moth if Applied Right

A good many people would do a better job of spraying if they understood how the poison kills the larvae of the codling moth. Many think the eggs are being laid in the blooms, and it is important to spray them to get the worms. The eggs are not laid for two weeks after the blooming period ordinarily, nor is it possible to do a good job of spraying for codling moth when the petals are still on the bloom clusters. The poison is stored for future use. The reason why spraying must be done just after the petals fall is because the calyx or blossom end of the apple is open then so the poison can enter, and it closes in a few days, shutting the poison in where it remains permanently waiting for the larvae to come for it. More than 90 per cent of the larvae will try to enter through the blossom end and never get further. This is the safety dose, but two weeks later the direct dose is administered when the tiny larvae are just hatching and are eating tender foliage on their way to the litfle apples. Thousands are caught by it and then those escaping have little chance to pass the safety dose in the calyx. Even the second brood will meet death from this safety dose if it enters through the calyx, though many of these enter through the side of the apple.

Currants Propagated by Cuttings From New Wood

Currants are easily propagated in the home fruit garden from cuttings of the new wood if a few simple directions are followed.

Take cuttings of the currant five to eight inches long and set in rows, or heel in together in a well-drained spot in early spring. Less than an inch of the cutting should protrude above ground, and this may be covered with a light mulch of manure after the first frost, to keep the cuttings from being heaved out and the roots broken by spring freezing.

This simple method of planting is suggested: Make an opening in the ground with a spade, place a cutting behind the spade and press the ground with the foot in order to force the earth tightly against the plant.

The Wilder, Red Cross, Fay, London Market and Perfection are recommended as good varieties of currants.

Horticultural Hints

Raspberry canes that bore fruit this past season should be pruned out as they will not bear again.

* * *

Always know what you are spraying for, before you attempt to spray, and use materials required for that purpose.

* * *

Money grows on well-kept berry bushes, even if their fruit goes only into desserts, jellies and jams for the home.

* * *

Pruning of the trees should not be overlooked and can be done during the spring.

* * *

The young orchard should be cultivated, and, if possible, allow the chickens to run in it, as this helps to keep down the insect pests.

* * *

Always protect yourself against the materials which will be injurious to the skin. Before spraying with bordeaux mixture apply a little vaseline to your face and hands. This makes it easy to wash off.

THE CONVERTED BOARD MEMBER

By JANE GORDON

(©, 1924, Western Newspaper Union.)

THE girls of Hammondport school were much annoyed with the most influential member of the school board because he would not agree to the installation of a physical training teacher. They would have called him an old fogy, but that appellation seemed out of place in a man of such modern attraction. Easily David Freeman was the best-dressed man in the township; also, he spent part of each year in the metropolis, where his business concerns led him.

David, when questioned for his reasons against the athletic teacher, replied firmly that he was tired of the independent strong young woman of the present, whose picture in bathing suit, or scant running costume, grace first pages of the newspapers.

The influential member of the board continued stubbornly in his disagreement. He was thinking the subject over as he strolled townward one sunshiny summer morning. And as his time was somewhat valuable he decided to take the short cut through Wells' pasture. So did a certain young woman out from the adjoining city for a visit. She was a happy young woman, who went singing along her way, and the scarlet flannel jacket, modishly sleeveless, she wore over her snow-white frock, was vastly becoming to her piquant beauty. The young woman's shoes were white, too, as was also the rakish little hat she wore. When she reached Wells' pasture she viewed longingly the vista of wood beyond. It would be a delightful spot in which to read the book she had brought with her. To get to the wood she must cross the pasture lot. It was well fenced in with a stone wall.

At the far end of the field was a huge bull. He had, apparently, made his truant way from a farther inclosed part of the pasture—she could see a wide-opened gate behind the animal. She realized instantly that it was the scarlet of her jacket which was attracting his excited notice. And though Miss Nancy was now on the safe side of the stone wall, she nevertheless hastily removed her red jacket and tucked it beneath her arm. Standing on a small pyramid of stones she watched with interest the great brute angrily tossing his head.

The young woman was trying to gain courage to replace the bar of the gateway when a second surprising thing happened. A man had entered the gate which she opened and was walking calmly, all unconscious of the bull's proximity, across the field. As she watched, the man saw the bull, made a desperate effort to get back to the gate—knew that he might not reach it in time—made for the solitary tree instead, and swung nimbly from one twisted limb up to temporary safety. The angry animal was at the base of the tree, his red eyes glaring threateningly at his prisoner.

Nancy considered whether it might be possible for her to hasten on to the farm house in the distance before the huge brute should bend the tree trunk which was frail, with dead boughs above, or succeed, perhaps, in dislodging his victim. Then she thought of the plan of opposite attraction. Nancy could run; she did run to the farthest end of the pasture, and climbing on the stone wall she forced the boughs aside and waved frantically her scarlet coat. In one of his mad whirls the beast saw the flag of battle, stared—Nancy held it low, daringly. The animal came bellowing to the attack. Nancy's shrill voice called to the prisoner in the tree: "Run to the gate! Bar yourself out!" The bull was uncomfortably near now. Nan slipped from her perch to the safe side of the wall, replaced the railing of boughs, saw the man running beyond that outer barrier toward her.

"The gate?" she questioned breathlessly.

"Closed all tight and safe," the man told her. He dropped on the grass to wipe the perspiration from his forehead, and smiled gratefully up at the young woman whose wit had saved him from an embarrassing predicament at least.

David Freeman was a good-looking young man; Nancy at once became aware of that fact.

"My!" he exclaimed admiringly. "You can run. How you ever got to the end of that pasture in two seconds, and back again at the exact —" David laughed, "at the phychological moment."

"I was," Nancy remarked proudly, "the record runner at college."

The influential board member stared. "Runner?" he questioned; "you go in for athletics?"

"Teach it," Nancy replied. She was putting on her scarlet jacket; it was vastly becoming. "That is why I am in Hammondport, waiting to put in an application as training teacher in the school."

"Waiting?" David asked.

The girl nodded—"Until one disapproving member of the school board may be converted to approval."

David arose, stood smiling down at her. "I am the unruly member," he said, "and I am converted."

That evening Nancy wrote her family that she intended to stay on in Hammondport until school opened. She had won her contract to teach. But—Nancy never accepted the position. Nancy married David Freeman instead. She says that she thought he needed protection. While David insists that he married an old-fashioned girl after all—with curiosity as old as Pandora's.

IMPROVED UNIFORM INTERNATIONAL

Sunday School Lesson

(By REV. P. B. FITZWATER, D.D., Teacher of English Bible in the Moody Bible Institute of Chicago.)

(© 1924, Western Newspaper Union.)

Lesson for May 4

ASSYRIAN EXILE OF ISRAEL

LESSON TEXT—II Kings 17:1-18.

GOLDEN TEXT—"I will delight myself in Thy statutes: I will not forget Thy word."—Ps. 119:16.

PRIMARY TOPIC—How a Little Girl Helped a Great Soldier.

JUNIOR TOPIC—Israel Driven Into Exile.

INTERMEDIATE AND SENIOR TOPIC—A Nation Punished for Its Sins.

YOUNG PEOPLE AND ADULT TOPIC—Lessons From Israel's Downfall.

I. Israel Taken Into Captivity (vv. 1-6).

This was in fulfillment of that which Amos had predicted in the days of Jeroboam II at a time when the nation was at the height of its prosperity. The northern kingdom was ruled by nineteen kings, all of whom were wicked. Their wickedness was not because of lack of information or opportunity but in spite of it. God promised the first king His blessing if he would be loyal to Him. Jeroboam departed from God and the apostasy thus begun continued downward to the end. In the reign of Hoshea, the last king, the king of Assyria came and besieged Samaria and carried the children of Israel captive to Assyria, from which they never returned.

II. The Sins Which Caused Their Doom (vv. 7-18).

1. Conformed to the Ways of the Heathen (vv.7-9). God had commanded them not to follow in the ways of the heathen, but these Israelites, instead of maintaining lives of separation, secretly did that which was displeasing to God. Secret sins, as surely as open sins, bring ruin, for all things are naked and open to Him with whom we have to do. The One who visits judgment upon the sinner knows all things.

2. Serve Idols (vv. 10-17). They not only compromised by "walking in the statutes of the heathen," but worshiped their gods. It was a short step from following in the statutes of the heathen to worshiping their gods. Before they worshiped idols they cast off the true God. Indeed idolatry came into the world because the race did not wish to retain God in its affections (Romans 1:21-23). Idolatry did not come in through ignorance but through willful perverseness. People today worshiping false gods have first cast off the authority of the living God. Man is a religious being. When he ceases to worship the true God he worships other gods.

3. They Were Rebellious (vv. 13-15). God by his prophets has said unto them, "Turn ye from your evil ways, and keep my commandments," but they stubbornly refused His testimony, even rejected His statutes. God in love tried to save them. He sent some of the noblest and best prophets who ever spoke to men to persuade them to turn from their sins, such as Elijah and Elisha, but they stiffened their necks and plunged deeper into wickedness. This they did in defiance of God.

4. Caused Their Sons and Daughters to Pass Through Fire (v 17). This was the dreadful Molech worship, the most cruel rite of heathen worship. It was done by kindling a fire in a hollow metal image until its arms were red hot and placing live children therein to be burned to death. This was the depth to which the Israelites had sunk.

5. Resorted to Magical Practices (v. 17). When faith in the true God wanes men always turn to the magical arts. In this way the Israelites sold themselves to evil in the sight of the Lord and provoked Him to anger.

III. The Judgment Falls (v. 18).

At this stage of the drama the curtain dropped. God could not be inactive longer.

1. God Was Very Angry. His anger is not raving fury but the revulsion of His holy nature against sin. God cannot tolerate sin in His presence. His wrath must strike. Though He waits long, the debt must be paid and that always with compound interest. There is only one way to escape God's wrath; that is to turn from sin unto God through Jesus Christ.

2. Remove Them Out of His Sight. The land of Palestine is regarded as the land of God's sight—that is, the place of His manifested presence. These people are still scattered among the nations and as a political organization they will never return to their land. The judgment was severe, but not more so than the sins merited. God had waited long. The despising of His grace eventually works ruin. Therefore, what judgment must fall upon the people who in the light of this day reject His grace and His mercy.

Practical Christianity

"Go," never spells "Stay." We need more religion in the s-o-l-e, as well as in the soul—a walking as well as a talking religion. The trouble is not so much with non-church-going masses, as the non-going church. We need not only a lookout committee but a "Go-out" committee.—H. G. Gibbud.

A Christian

A Christian is one who follows Christ, but is a leader of men.—Christian Herald.

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2-29-3m

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By order,

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Clerk.

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NOTICE TO CREDITORS

This is to give notice that the subscriber has obtained from the Orphans' Court of Carroll County, Md., letters of administration on the estate of

MARY J. CONDON

late of Carroll county, deceased. All persons having claims against the deceased are hereby warned to exhibit the same with the vouchers thereof legally authenticated to the subscriber on or before the 3rd day of November, 1924, they may otherWise by law be excluded from all benefit of said estate.

Given under my hand this 18th day of April 1924.

CLIFFORD CONDON,
Administrator.

4-18-5t

The next question is as to how long the girls can keep bobbing their hair without clutting the wool market?

BARGAINS—USED CAR SALE

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1 1917 Buick Roadster.
1 1918 Hudson Touring 7 Pass.
1 1918 Ford Touring.
1 1919 Nash Touring.
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108 E. Main St. Westminster, Md.

Congress is reminded that is was not established to promote oratory contests, but to get work done.

A calendar of 13 months is favored. Some people will think it means one more set of monthly bills but no more paydays.

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