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Small Apartments Hurt Sale of Big Paintings
 London—Large canvases painted by old masters to hang upon the spacious walls of the rich man's mansion are hard to sell in these days of apartments and small houses. Bond Street dealers say the demand is almost entirely for small pictures, so that prices frequently are in inverse ratio to size.
 Almost every part of the whole has a commercial value.

DAIRY FACTS

COWS ON PASTURE NEED SOME GRAIN

The common practice of feeding no grain to dairy cows on early pasture is probably not good economy in the long run, in the opinion of workers in the field of animal feeding at Cornell university.
 They point out that pasture grass is a strong stimulant to milk production. If no grain is fed the cows are likely to run down in flesh. This will lead to reduced milk production later on, when the pastures begin to dry up, and heavy feeding then will ordinarily not prevent this reduction. Cows of average production when they go on pasture should be fed at least one-half to one-half of the amount of grain they were receiving when in the barn.

But the grain mixture does not need such expensive high protein feeds as flaked oil, cottonseed meal or gluten feed as are given during the winter season. A mixture made up of equal parts of wheat bran, ground oats and hominy or corn meal would be suitable.

A grain mixture depends upon the kind of roughage with which it is to be fed. Pasture grass is a high protein feed and, furthermore, the proteins it contains are of the highest quality, so high protein feeds may be left out of the grain ration. Yet grass lacks fat or energy-producing nutrients. Except for this deficiency, it is an almost perfect feed for milk production.

In a ration made up of pasture grass and a grain mixture containing no high protein feeds, the protein content will always equal or exceed the amounts called for in feeding standards for cows producing up to sixty pounds of milk daily, as long as pasturage is plentiful, green and succulent. This statement applies only under these conditions. When pastures begin to dry up and get short during July and August the grass contains much less protein than earlier in the season. The grain mixture must then be changed to include some high protein feeds. In addition more grain must be fed to make up for the shortage in pasture.

Best Plan to Grow Into a High-Producing Dairy

"When good grade cows are selling from \$150 to \$200 per head, there is a tendency to buy cheap ones," says C. B. Finley, dairy expert of Iowa. Many men, he finds, get enthusiastic over the possibilities of dairying, sell their herds and replace them with cheap dairy cows whose only qualification for the name is the fact that they recently freshened or possess the color of one of the dairy breeds. The natural result is failure and a disgust for the dairy business.

Furthermore, there are many men who lack the necessary experience to make cows profitable should they succeed in buying good ones. Finley reports much more general success when farmers grow into a high-producing herd. This is accomplished by raising the daughters of a good pure bred bull or in buying a few choice heifers. No doubt individual cases warrant buying a few good pure bred cows for foundation animals.

The man who grows into the dairy business has an opportunity to reorganize his crop rotation and establish a legume crop so necessary for milk production. As a rule it is also necessary for him to improve his barn and put in a silo, all of which costs money and must be done as profits allow.

Corn Fed to Live Stock

More than 85 per cent of the United States corn crop is fed to live stock and somewhat less than 10 per cent is used for human food, according to recent data compiled by the United States Department of Agriculture. The hog is the largest consumer, 40 per cent being fed to swine on farms. Horses and cattle are next, using 20 and 15 per cent, respectively. The exports of corn, as grain, have never been large.

DAIRY NOTES

Dairying is the balance wheel of agriculture.
 It takes no longer to care for a good cow than a poor one.
 Inaccurate farm and shipping scales will take their cost out of your pocket several times over in a year.
 It is hard to understand why so many cow-keepers have not yet discovered the value of the silo. If they have discovered it they are certainly neglectful in putting it into operation.
 The feeding of scrub cows and the "scrub" feeding of good cows are two of the worst mistakes a dairyman can make.
 Do not stint the dairy cow, give her all she will eat of the right kind of feeds, properly balanced, if you expect her to produce liberally.
 From 25 to 40 per cent of all tuberculosis in children under five years of age is contracted by using products from tuberculous cows, according to the federal Department of Agriculture.

Called Her "Mother"

By MARTHA WILLIAMS
 (©, 1924, by McClure Newspaper Syndicate.)

"Brooding summer stillness wraps this village," Arden said with an expansive gesture.
 Nora-Kate half chuckled. "Must be taking a mighty big sheet," she mocked. "Strung, as it is, all along the pike, it must make a bundle rather like a walking stick."
 Arden flushed deeply. He held himself a poet and tried hard to live up to the self-bestowed distinction. For an instant he hated Nora-Kate with deadly hatred—but a sudden sweet gravity of countenance melted his wrath as sunlight melts spring snow. Following her glance he saw a pair of tiny toddlers, ragged but clean, playing house at the roadside, with sticks and stones, plus imagination.

"Stop!" the girl half whispered imperatively. Next minute she was bending above the children, hands outstretched to them, the most coaxing of all her smiles shining down upon them as she said: "I need some little people. Won't you come and ride with me?"
 They rushed to clutch her hands, smiling all over their faces. As Arden stared she waved him to her, saying: "You mustn't mind—this is a heavenly chance." Then as the new passengers were bundled within, she added: "I'll tell you about it later. Now there isn't time."
 Thus it came to pass that a well-dressed young couple, with money apparently in both pockets, appeared half an hour later at the county town, chaperoned by a smaller pair, as chaperoned by as they were ragged.

The car passed disdainfully by the department store and skittered along a side street to a place small, exclusive and famed for high prices. Of course the keepers of it stared, but the stares turned to smiles as the head of it recognized Nora-Kate (otherwise Miss Katherine Maxwell of Fern Craig), who did whatever she had a mind to, without regard to Mrs. Grundy. Calmly, as though it were an everyday occurrence, she looked, measured, tried color effects and finally chose with a lavishness all but paralyzing. Then, flushing faintly for the very first time, she asked for a private space. She wanted to clothe her proteges before taking them away; also to make certain that extra garments were not overlooked. They must have complete outfits for both day and night.

"Don't buy too many," the smiling shop head cautioned. "Little folks grow up so quickly."
 Nora-Kate smiled back at her and nodded, saying under her breath: "But there's a smaller one already—and another—coming. You see, I may not be here to do more than order a layette for it. And the mother will, I hope, be glad. I—I wouldn't hurt her, not for the world."
 She took all her purchases with her—thus there would be no tracing through addresses. But when the obedient Arden had set down his passengers in front of a weatherbeaten cottage with a sagging yard gate, and untidy grass within, then driven off in high, Nora-Kate drew a long, happy breath, smiled at him adorably, and said: "You've been better than gold—asking nothing—therefore you shall know—everything. Those ought to be my children—once I loved their father as I think I shall never love anybody else. We quarreled—over nothing—except the fact that I had money, he, his head, and his hands. A better woman—yes, I say so—caught him in the rebound—married him—and I hope, makes him happy, in spite of poverty. She must be wonderful—you saw how clean they were—and all the nice patches on their poor little clothes. It half broke my heart, seeing Joe's children that way. I've thought and thought of ways to help them—but both are so proud, this was my first chance. I shall send the other things tonight—at black dark—by somebody who will leave them—and run away. Was it wicked of me, you think, to ask them to call me mother? Just at the last—when they kissed me good-by?"

For a minute Arden could not speak—it was paralyzing, this glimpse into the depths of the gayest, most mocking soul he knew. Impulsively he laid his free hand on hers, saying huskily: "No—it was a sacrament."
 She turned away her face—neither spoke again until they were back at Fern Craig. On the shaded piazza he took both her hands in his, asking very low: "May I help Joe—if I can find a way?"
 "If only you can!" Nora-Kate breathed rather than said—then in a clearer voice: "But—but you mustn't go away, thinking me broken-hearted. I'm no such thing—instead, life is joyous for me. But—somehow—I don't relish love—except playing at it—like any other game. Yours is—too fine, and true for that. Please, please give it to—some girl who deserves it better—"
 "I'd promise—only she doesn't exist," Arden interrupted smiling. "But—you promise me this: If ever there comes a time when you incline to 'thoughts of love,' with a faint smile, 'will you hold yourself honor-bound to notify me? All I ask is—a chance!"
 "You shall have it—maybe to your sorrow," Nora-Kate cried sadly.
 "A seal is needed to validate important bargains; he said—and kissed her passionately; she ran away.

Three months later Joe Pennington fell into a sea of good luck. He was snatched from his bookkeeping job, where he had been competent but not brilliant, into a world of light and line and form and color—all of which he loved passionately. That is to say, the world of decorative art, for which nature had richly endowed him. The pay was not, at first, suspiciously large, but treble that of bookkeeping. Imagine, if you can, how rich his Martha felt, and how glad she was of the mysterious benefactions over which at first she had bridled and choked. Now the children could hold up their heads with any others—especially the new baby—in those cunning things such as his mother had not even dreamed of. When at New Year Joe whisked all of them away to a suburban bungalow, with a real lawn, a servant, and, best of all, a car, she felt her cup overran.

Joe had gone higher—there were other heights to climb. Not a drop of gall in this honey of success. His firm showed him real friendliness—which he fully deserved—and were at some pains to put outside things in his way. For example, color plates for a booklet—a "Masque of Love" to be privately printed. Writer's name was Arden. Somehow he thought he had heard it earlier, but could not place it. This was in the second glorious winter. Contact with Arden bred real friendship. Soon he was putting his heart and soul into the pictures, yet shrank from showing them to careless eyes. Midway the this volume he came upon a passage he recognized—Fern Craig to the life. Arden admitted the fact he had been once a guest there several years back. The scene had suited his fancy so well he had been a bit literal. So that was that until the day when Martha and the twins, now sturdy small lads, broke in upon him deep to conclude with his patron—and willy-nilly must look at everything. Thus they tumbled out photographs Arden had just brought in, and at sight of one among them, shouted loudly: "Mother! Mother! Here she is!"
 Arden picked them up, one under each arm and hugged them tight, saying: "Of course you couldn't forget her." Then to the astounded parents: "Hurry with book, please, I want it for the wedding. Nora-Kate agrees to marry me Valentine's day."
 Whereat Joe said solemnly: "Well, I will be d—d!" The first and only time he swore before a lady.

ABSOLUTE ZERO HAS NOT BEEN REACHED

Science assures us that there is a definite limit to the lowest conceivable temperature, and that this may be placed with conceivable accuracy at 459 degrees below zero on the Fahrenheit scale.
 It is held that at all temperatures above this "absolute zero," particles of matter, either solid or gaseous, are in a state of vibration, the more rapid vibrations corresponding to the greater degree of heat. All such vibrations would cease entirely at absolute zero and all gases would liquefy and even solidify before reaching this absolute zero point.

Many experiments, extending over a long period of years, were necessary to attain this knowledge. Liquid air, with its 312 degrees below zero, was a great advance on previous records, although still over 100 degrees above this absolute zero. Liquid hydrogen, at minus 422 degrees, or 37 absolute, was a still greater advance, and when this was frozen into solid hydrogen "ice" at 452 degrees below, or 27 degrees absolute, it seemed as if science had gone as far as it could in this direction. But not so long ago the rare gas helium was liquefied at minus 451 degrees. When this was boiled under reduced pressure a temperature of minus 454 was reached, or only five degrees above absolute zero. Slightly lower temperatures can undoubtedly be reached, but it is said that, even with the most refined methods, there is little likelihood of our ever attaining absolute zero.

Seven-League Boots

A certain man of a past generation, writes a correspondent, was famous for the immense size of his feet. One day he went to a shoe store to buy himself a pair of new boots. The proprietor, finding that he had no boots in stock large enough to fit his customer, sent off to a shoe factory to have a special pair made.
 A week later the man called on the shoe merchant and inquired when his boots would be ready. The merchant, who was a good deal of a wag, replied: "Well, sir, I have just had word from the manufacturers that they have completed one boot, that they have men out buying leather for the other, and that, if the weather holds good so that they can continue to work outside, they will have the second boot completed in another week."—Youth's Companion.

Planets and Stars

Planets, like the earth, are worlds which derive heat and light from the sun. The stars are far distant suns, probably with their own planets revolving about them. Our planets shine with a steady lustre; stars, because of their distance away from the earth, seem to twinkle. Then, too, planets seem to change their places among the other heavenly bodies, but the stars are seemingly fixed in the heavens, hence the term "fixed star." Of course, in a broad sense, the term "stars" can apply to the smaller heavenly bodies. For instance, when we speak of "morning" and "evening" stars we really refer to planets.

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After Every Meal
 It's the longest-lasting confection you can buy—and it's a help to digestion and a cleanser for the mouth and teeth.
 Wrigley's means benefit as well as pleasure.



Woman Aviator Killed.
 San Antonio, Tex.—Mrs. Bertha Horchum, member of an air circus, was killed instantly Sunday afternoon at the municipal flying field here. The left wing of her plane crumpled as she went into a loop at 1200 feet. The plane crashed to the ground 20 feet in front of the hangar and into the edge of the crowd of 3990 spectators. Cyle Horchum, her husband and owner of the circus, collapsed as the woman's body was removed from the twisted wreckage. He is in a serious condition.

Mrs. Jennie Butterfield



Good Advice for Women
 Portland, Ore.—"All my life I have known of Dr. Pierce's medicines. My mother was a physician and she thought so well of Dr. Pierce's medicines that she quite frequently recommended them to her patients, especially the 'Favorite Prescription' for women. For about two years after the birth of my fourth child I suffered with feminine trouble of a very serious nature. I had all the aches and pains a woman could have. I was nervous and weak—just able to be around. I was in distress all the time, when I began taking Dr. Pierce's Favorite Prescription, but was completely relieved of all my ailments and restored to perfect health."
 "When my daughter was growing into womanhood she was backward and had such poor health that she was compelled to quit school. I gave her the 'Favorite Prescription' and it completely restored her to health and she came into womanhood in a very natural way."—Mrs. Jennie Butterfield, 821 Mich. Ave. Write Dr. Pierce, Pres. Invalids' Hotel in Buffalo, N. Y., for medical advice or send 10c for trial pkg. tablets.

Plane Falls, Two Hurt.

Morehead City, N. C.—Lieutenant-Commander A. E. Montgomery and Machinist-Mate Christianson were placed in a hospital here suffering from injuries received when their airplane fell 50 feet into shallow water opposite here Sunday. The machine, the G-1, was one of three observation planes which left Hampton Roads, Va., for Miami, Fla., Sunday.

Investigation Wanted.

"What makes you think you were defeated by fraud?" "I paid for 163 votes in the second precinct, and the books show that I got a total of only 153 there. Our election system is simply rotten."—Cleveland Leader.

Ruinous.

Flora—"Don't you find the hot sun had for the complexion?" Fauna—"It's awful. It melts the rouge and leaves the face all streaky!"
 The shipping board took action Tuesday designed to obtain for American shipping preferential treatment in handling American exports which was provided in the merchant marine act of 1920.

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