

## **OUALITIES OF THE AYRSHIRE**

Animal is Quite Intelligent, Quick to Learn and of Retentive Memory -Easy to Milk,

The general appearance of an Ayrshire, as you look at her, is striking, being alert and full of life and reserved energy. She is a healthy ocw, rarely having ailments of body and udder, and you seldom see an Ayrshire cow but that has four healthy quarters in her udder and gives a uniform quantity of milk from each. She is a very persistent milker, giving a uniform quality well up toward calving, and many of them are dried off with difficulty.

She is very intelligent, quick to learn and of a retentive memory, easily taught to take the same place in the stable and, if required to change, will in a few days readily take the new place. She is quiet and pleasant to milk, not easily disturbed, and will as a rule yield her milk as readily to one milker as to another, and does not seem disturbed by any amount of noise in the stable.

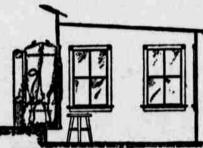
As a dairy cow she is particularly adapted to the production of milk for the milkman and for table use, as her medium size, vigorous appetite and easy keeping qualities make her an economical producer, while her even, uniform production makes her a reliable supply, and the richness of her milk in total solids places it above dairy products. The results are the suspicion from city milk inspectors. Her milk is particularly adapted to transportation, as it does not churn and forth a few times will readily mix the cream back into the milk, which will not again readily separate, giving it a uniform quality until the last is sold or used. It has a good body, is rich looking and never looks blue. The milk itself being easily balanced with casein and butter fat, will do their best on fresh June pasis a complete food, easily digested, nutritious, and is particularly adapted to children and invalids. Stomachs that are weak and unable to direct other milk find no trouble with Ayrshire cow's milk.

### FOR USE IN MILKING COW

Invention of Florida Man Provides Vertical Partition Between Milker and Animal.

The Scientific American in describing a sanitary structure and milking appliance, invented by G. M. Lummis of Fort Myers, Fla., says:

'This invention provides a vertical partition interposed between the cow and the milker, and constructs the same with a large opening over and in which a flexible screen formed of rubber, skin or fabric, and having holes for insertion of the cow's teats, is applied so as to completely exclude foreign substances from access to the milk pail. Thus in place of taking a



Appliance for Milking Cow.

pail or milking machine to a cow when tied in the open or in a stable, the cow is taken to a particular structure and is confined therein while being milked. The engraving shows a gross section of a cow stall or stable and an adjoining compartment where the milker is located.

Cruelty to the Cows. The milker who will thump a cow for squirming under the attack of flies ought to be hoisted out of the barn on the toe of the dairyman's

Why should the hired man be expected to work ten hours or more in the harvest field and then while hot and dirty tackle the milking job?

Prepare for Future.

It is imperative that we provide some means of tiding the dairy herd over the season of failing pastures, instead of vainly regretting that it

has occurred. The dairyman who depends upon the pasture during the summer and hay during the winter to feed his cows is treading on treacherous ground.

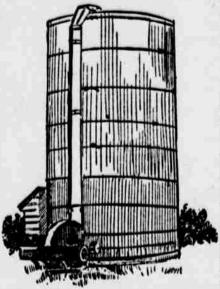
Cow Testing. The universal interest in the problem of increasing dairy profits through the cow testing associations shows that dairy farmers are willing to learn better ways when they have convincing proof to sustain a theory.

Care in Spraying.
In spraying the cows, be careful that a generous quantity of the solution is put on their backs, especially just behind the shoulders, since at these points it is difficult for the animals to brush off the flies.

Dairyman Should Be Ready to Take Advantage of Opportunities to Reduce His Expenses.

(By J. E. DORMAN.)
If a dairy farmer were told that he could roll silver dollars down a hill and then pick up two dollars for every one he rolled down, and this statement was verified by some of his neighbors and hundreds of other dairy farmers in the country, that farmer would stay up nights and roll the dollars. But when told that he could double the profits by the use of the silo he becomes very indifferent and keeps on in the same old rut, feeding dry feed, wasting nearly half of his corn crop and doing a lot of unnecessary work. In these days of close competition, dairymen should be ready to take ad-

vantage of every opportunity to reduce the cost of production, and it will be found that it is easier, if the



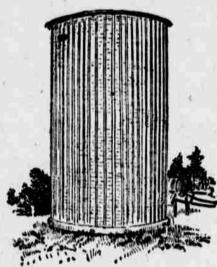
Stave Silo-Capacity 80 tons, size 14x28 feet; cost \$132.. No roof, clay floor.

proper methods are used, to do that than to raise the selling price of the same; a large net profit.

In the corn plant about 40 per cent. of the feeding value is in the stalk or sour easily, and when poured back and 60 per cent. in the ear. When the ear alone is fed, nearly half of the corn crop is wasted.

Where the dry stalks are fed, at least half of them remain uneaten. while if stored in the silo the loss is almost nothing.

Every dairyman knows that cows ture. The grass is succulent and pal-



Modified Wisconsin Silo-Capacity 150 tons; elze 18x30 feet; cost, \$230, complete with roof and concrete floor.

atable and the conditions for a maximum milk flow are ideal. These conditions, however, do not last very

The silo comes as near to supplying the ideal conditions as anything that can be found, and it is available every day in the year. It provides a uniform feed for every one of the twelve months.

Highly sensitive dairy cows resent any sudden or violent change in feed, and will show it by a decreased milk flow. The change from fall pasture to dry feed is always followed by a shrinkage in the milk.

In changing from the pasture to the silage, the change is not so great, and often the cows increase the flow of milk when started on silage. Several dairymen have recently made the statement that the incerased profits paid for the silo the first year.

Cows that are on pasture should have free access to salt.

Don't hesitate to increase the grain ration to keep up the milk flow. The helfer whose first milk period

is long, frequently develops the habit of long periods. With soiling crops and some grain

the dairy herd should maintain a profitable production. Green feed fed to milk cows will

insure larger profits, and as a good aid to this result is a silo. When a dairyman learns to use the

Babcock test he is started on the way to economic salvation. One paper says: "Clean up fre-quently." It would be better for the

dairy farmer to keep things clean all the time. Among the men who have been phenomenally successful on the farm

those who have followed dairying stand out pre-eminently. If the calves that are in the purture are expected to do well they should have plenty of shade and plen-

ty of good clean water. Vitality is a very important characteristic in the dairy cow or any other farm animal. If weak along this line the best returns cannot be expected.

## PROFITS INCREASED BY SILO AN OLD SILVER LAMP turn to stare.

Love Note Ten Years Old Brought to Light.

By ALICE ORMOND.

its death, and since then, absurdly mother." sentimental as it may seem, nothing had quite filled the gap it left, nothing had made him forget it.

How the memory of Polly Hayden said. stayed with him, and yet he had not seen her again since the farewell reception given him here by his grand- sick in bed-that headache was the mother on the eve of his departure He had been almost confident, then, when I waited, thinking surely you that she cared for him, although there would come. You sailed without was his old classmate, Wade Barrow, who was regarded by onlookers as and my pride was hurt. It didn't having an equal chance with himself. occur to me until long afterward that which was to send him on his appointment to Japan, Lethridge had changed your mind about how you him. If she would consent his plan the safest way out of it was merely was to return for her in a year. She to disregard my note." had hesitated at first-it was such an important decision, she insisted, message?" asked Lethridge after a and she wanted to be quite sure-but | pause. she promised to give him his answer then came the bitter disappointment. message." Polly had come to the receptionhis heart.

Three months later a letter from home told him of Polly's approaching into the silver lamp there." marriage—to Barrow. Lethridge sent her a very beautiful print for a wedding present, received a cordial note in thanks, and that was all. Nothing ered with dust. He held a yellowed remained of the friendship except a haunting memory of the girl.

Slowly he wandered through the desolate rooms, reviving old and sometimes painful recollections. At last he drifted into a little study at the back of the house and down in a worn leather armchair before a library table. Over the center of the table was swung a Greek lamp of it with pleased recognition. It was spoke. a graceful thing. He had always admired it when he was a boy. Perhaps he would take it back with him.

He started into a listening attitude. A step sounded in the hall. Who could taker in the house. A shadow fell across the doorway. Lethridge rose with an astonished exclamation as a slender, black-gowned woman appeared in the doorway and stopped still with a frightened expression in her purplish-gray eyes.

"Mrs. Barrow!" said Lethridge in amazement.

"Frank!" There was no hesitation in her use of the first name. "I-I had no idea you were in America. When did you reach home?"

"Yesterday. I came straight over to look at the old place. You know it has been shut up since my grandmother died, which was just after I went away. But you-? I didn't dream of seeing an old friend here." Mrs. Barrow looked a little embar-

rassed. "I borrowed the keys from your cousins." she said. "I came to look for something I left here a-a long

time ago." "I see! Perhaps I can help you find it. I suppose you've lived in New York right along?"

"Except for the last year and a half. which I've spent roaming about Europe. I, too, have just come home. But tell me about yourself. How does it feel to be famous?"

Lethridge shrugged his shoulders. thrills," he replied smiling.

"You are married of course? It's stupid of me to ask, but I've had little news of you lately." "Indeed, no. I've not even been in love."

"No? Surely you're joking." "Not since the fair Polly Hayden banished hope forever from my breast," he answered lightly.

"I? What do you mean by that?" she inquired curiously. "Why, the usual thing. haven't forgotten the last evening here, in this very house-how you

were to give me an answer to a per tinent question I had asked you. Well-I got my answer and stepped aside. That was all." "You got my answer?" "The most conclusive kind. You

went off before I could get a word with you alone, went with the man you really preferred and left no message. By the way, was it that you dreaded to inflict the wound of telling me the truth, face to face? I've always wondered." She was staring at him, wide-eyed.

one hand grasping the edge of the table.

"Then it is true! You never got my note!"

What note?" It was Lethridge's "I left one for you. But shall I tell

what happened?" "Please do!". His tone was per emptory with suddenly roused excitement.

"You see," she began, her grasp on the table edge tightening, "when Lethridge stepped into the hallway I reached here there were crowds of of the deserted house. Linen shroud- people about you so that it was imed the upholstery, dust lay velvety in possible to speak to you by your the corners. There was a faint odor self. I had had a slight headache of mildew. The house had been closed when I left home, and by ten o'clock since his grandmother's death, almost it had grown so much worse that nine years ago. When last he quit- saw it was foolish to try to remain ted the place, thought Lethridge, he the rest of the evening. So I slipped was a boy of twenty-five, smooth- in here for a moment, scribbled a cheeked, bright-eyed, surcharged with note to you-with my answer-and enthusiasm. Now, after his nine busy, hid it. I wanted you to read it. successful years in the Orient, the alone, in the quiet, after everybody familiar surroundings brought poign was gone. Then I gave directions to antly to mind the change in himself- one of the servants, told him where a change made up largely of the re- I had put the note and how he was to linquishing, one by one, of his boyish tell you about it before you went to dreams. How the old house brought bed. Wade insisted on going home them back! These faded walls had with me, and to keep from distressing seen the destruction of the bravest anyone we slipped away with only dream of them all. Here it had met a hurried goodby to your grand-

She paused. Lethridge looked at her with a strange expression. "I never got the message," he

"I know it-now. But I didn't know it the next day when I was beginning of an attack of grip-and even telephoning me. I was angry. On learning of the sudden luck there might have been a mistake. What I believed was that you had gone to Polly and asked her to marry felt toward me and that you thought

"To what servant did you give the

"I think it was your grandmother's the evening of the reception. He had old butler. I knew his face and was gone away happy, full of hope. And sure I could trust him to deliver the

Lethridge's face changed. "Watson! how lovely she looked, he recalled!- I remember it all. The old fellow was but very early she had gone away stricken with apoplexy that very evewith Wade Barrow without word of ning and never regained consciousexplanation, leaving no message. He ness. I didn't know it till next mornhad been hurt, piqued, and had sailed ing. So that explains it." He turned next day with a miserable load on to her again. "And where did you put the note?" he inquired. "Here. In this room. I slipped it

With a quick gesture Lethridge reached up into the carved receptacle and withdrew his hand, covscrap of paper which was wrapped around something brown and crumbling.

"That was a rose-a pink rosefrom my bouquet," said Mrs. Barrow, with a nervous little laugh.

Slowly Lethridge read the faded writing, his face paling. He finished and put the note into his pocket, then stood gazing at her, a queer pain at dull silver. Lethridge looked up at his heart. For a moment neither

"After-after I married," said Mrs. Barrow, hesitatingly, "I sometimes wondered if something like this hadn't happened. It was so unlike you to act as I first accused you of acting. But I There was not even a care didn't feel right about trying to find out when I was Wade's wife. I would never come here even on the small chance of finding the note while he was alive."

"While Wade was alive?" "Yes. You knew, of course, that Wade died-at Carlsbad-two years ago?

"I hadn't heard it. Poor Wade! But why do I say that? He must have been happy. He had everything a man could want to make him so. She looked down at the faded car-

pet. "Yes, I believe he was-very happy," she replied. Then, after s moment, and in a brighter tone, "Well. my mission is fulfilled. I have found what I came to search for-my old note, and my belief in you. And now it is time to depart. Shall I look forward to seeing you before you go away? Come in some afternoon to

ter and we'll talk of old days." "Why not talk them over now?" Lethridge moved a step nearer her. Say it is ten years ago. I am the same Frank Lethridge, and you are Polly Hayden. You're just twenty-" "That's a far flight for fancy," she

smiled ruefully. "For fancy, perhaps, but is it a far flight for-love? Listen: I have just read your note. The nine years it took to reach me have not been long enough to alter the question to which

I'm not conscious of any particular it replies. Tell me the truth—is it too late for me to hope?" She hesitated, much as she had done on a previous occasion, a sudden shyness in her eyes. He leaned

toward her impulsively and caught her two hands in his. "Polly! I'm repeating my question. What answer will you give

me?" "You have it in your pocket," she

replied. (Copyright, 1913, by Associated Literary Press.)

Boy Post From a Farm.

San Francisco literary folks are greatly impressed by the poetic genius of George Ashton Smith, nineteen years old, of Auburn, Cal. The boy was born and reared on a mountain farm and received no instruction beyoud that afforded by the district school

The lad came to the notice of Boutwell Dunlap, consul for the Argentine Republic, a few years ago, when the latter was spending a vacation in Auburn. The consul was so pleased with Smith's odes and sonnets that be brought him to San Francisco.

Since that time the young poet has written about 50 poems and they are to be printed in November.



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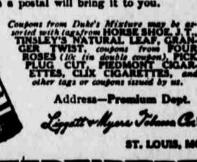
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ECONOMY.



Kind Lady-What caused you to adopt this way of living? Hobo-It was me savin' disposition.

got into de habit of savin' meself as much work as possible, and I couldn't Which?

"Why did papa have appendicitis and have to pay the doctor a thousand dollars, mamma?"

"It was God's will, dear." "And was it because God was mad at papa or pleased with the doctor?"— Life.

Contrasts. "Look at that careworn looking man

in deep thought, and the merry dog with him chasing his tail. Yet both are doing the same thing." 'What's that?"

"Trying to see how they can make both ends meet."

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