

FARM NOTES.

Such legumes as alfalfa, clover beans and peas not only grow nutritious food but add more nitrogen to the soil than they take out of it.

A brick of salt should be in every horse stall. There is no danger then of oversalting, and the horses always have what they need.

In drenching a cow use a long-necked bottle. If the cow is in a stall where there is room the easiest way is to catch her in the nose with the left hand and raise up her head.

The gestation period in mares is 330 to 340 days, cows 265 to 275 days, sheep 144 to 150 days, and sows around 112 days.

In mares the period of heat after foaling occurs within nine days or less, 10-occurs every 18 or 20 days, and lasts from three to five days.

A "catch crop" is one that is grown between the periods of other crops, such as cabbage following early potatoes.

A "cover crop" is a crop grown to prevent injury and losses to soils, such as might arise from erosion or leaching.

"Green manure crops" are those grown for the purpose of enriching the land, and as such should have a larger place in modern agriculture.

Any crop may be used as a green manure, but all plants have not equal value for the purpose, as some are "nitrogen gatherers" while others are "nitrogen consumers."

The term "legume" is applied to the clovers, vetches, peas, etc., and to other plants which produce seeds in pods. The legumes are the only plants which have the power of taking nitrogen from the air as well as from the soil.

Nitrate of soda is one of the most valuable of other fertilizers. It is possible for a leguminous crop, employed as a green manure, to return to the soil as much nitrogen per acre as is contained in 500 pounds of nitrate of soda, and is equal to the nitrogen usually contained in one ton of mixed fertilizer.

Salt is required by all animals. The United States Department of Agriculture says that the dairy cow requires an ounce or more a day, and, while she should be given all she needs, she should not be forced to take more than she wants.

The use of beef cattle in connection with general farming throughout the Cora Belt, says the United States Department of Agriculture, offers the following advantages:

It is possible to make greater use of dry roughages produced on the farm, as beef cattle consume larger quantities of these feeds than any other class of live stock.

Beef cattle can be used profitably on rough land unsuitable for crop production; also on low, wet land unsuitable for either crops or for other classes of stock.

Beef cattle use the total production of grain and roughages on the average farm, without the purchase of other feeds, more efficiently than any other class of live stock.

Beef cattle on the farm favor a well balanced distribution of labor throughout the year. They require very little attention during the summer and fall, when crops need attention, and during winter and early spring, when there is little field work to be done.

With purebred bulls a breeder achieves more in the improvement of his herd in two generations than he can in five with grade bulls, says the United States Department of Agriculture.

Department workers have thoroughly studied the subject of building up herds to better milk, butter, and beef production. Better sires may be obtained either by individual purchase or by becoming a member of a bull association.

Milk will keep better and make better products if all pails, strainers, and separator parts are sterilized. Use live steam for 5 minutes. If you cannot get live steam, boil all utensils for at least 5 minutes.

Daddy's Evening Fairy Tale

MARY GRAHAM BONNER

YELLOW-BREADED CHATS.

"You're going to tell us about the ways of the Yellow-Breasted Chats, aren't you, Mr. Yellow-Breasted Chat?" asked Mrs. Redstart.

"Yes, you must tell us," said one of the members of the Vireo family.

"I know something of your family," said Mrs. Chestnut-Sided Warbler.

"That's so," said Mrs. Black-Poll Warbler.

"It is quite true," said the Crested Flycatcher.

"True," said the Cedar Waxwing, who made a sound like the opening and closing of a pair of scissors.

"Teacher, teacher," said the Oven Bird, which meant that he agreed too, though all he said was, "Teacher, teacher."

The Oven Birds make their nests in shapes like ovens, but why they say, "Teacher, teacher," is harder to tell!

"True, true," said Mr. Flicker. Mr. Flicker was the only member of the Woodpecker family who ever cared to



"You Must Tell Us."

go along on the ground. The others kept away from the ground and didn't set below the tree branches.

"True, true," said the Towhee, who was bigger than most of the other birds and who wore a greenish-yellow suit.

"We've all chirped or said something," said the White-Eyed Vireo, whose name was well chosen, "and we really want to hear Mr. Yellow-Breasted Chat talk."

"My cousin is correct," said Mr. Red-Eyed Vireo, whose name was also well chosen.

"Tell us about yourself," said all the birds.

"Well, there is really very little to tell," said Mr. Yellow-Breasted Chat, "except what you all know."

"But we want all the little ones to know too," the other birds said.

"They can see what I look like," said Mr. Yellow-Breasted Chat, "for I have a yellow breast, of course, and a dark back."

"I have white lines over my eyes. They can see this much. Of course I like to jerk my tail about, as that is a family habit we have."

"We always jerk our tails when we sing or fly or even when we talk."

"From our name they can guess that we're fond of chatting or of talking."

"Yes, and we're ready to talk about anything and everything. We love to chatter and make a noise talking. We can whistle well, too."

"We can pretend we're other birds as the mocking-bird and the catbird can do, but we're not such a great hand at it, or perhaps I should say wing at it, as either Mr. Mocking-bird or Mr. Catbird."

"What do you mean when you say you're not such a great 'wing' at it?" asked one of the little birds.

"Well," said Mr. Yellow-Breasted Chat, "when people say that they aren't much good at a certain thing they say that they're not much of a hand at it. Now, I can't say I'm not much of a hand at anything because I haven't any hands to do anything with."

"So I said I wasn't such a great wing at it as the other two birds I spoke of. Just a little joke of my own."

"Good joke, good joke," chirped the other birds.

Laugh, It Is Healthy.

There is a certain teacher of physical culture who confesses that she always plans to have her pupils laugh heartily at least once during a lesson.

"Laugh and grow fat." The saying is as true as it is well known. Laughter is a most beneficial exercise. It aids digestion by stimulating muscular action.

The Scrap Book

HIS POOR MEMORY COSTLY

Probably This Hubby Will Remember to Mail the Next Letter Intrusted to Him.



He entered the breakfast room with a letter in his hand, his face suffused with shame and confusion.

"My dear," he said, hesitatingly. "Well?" snapped his dear.

"I'm very sorry, but—"

"You usually are sorry about something, and with good cause. What is the matter with you now?"

"This letter to your mother; you gave it to me to post about ten days ago, and—"

"You've forgotten to post it. Well!"—certainly—"we must make the best of it, I suppose. That letter was to ask dearest mother to postpone her visit this year. But since you've forgotten to post it, I expect she'll be here during the morning."

Ten minutes later a frantic man might have been dimly discerned in the depths of the innermost coat cellar administering into himself a sound kicking.

Water at 30 Cents a Gallon.

Water isn't quite up to the price of liquor, but it is almost there at Cow Camp, the driest point on the Silver Peak range, near Tonopah, Nev.

The nearest watering place is 11 miles away. For five miles the water is carried in a buck-board drawn by horses.

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Spurn Gifts of Pennies.

Once upon a time children would be glad to get a penny or two a day from their parents.

"Aw, wadaya want?" exclaimed little Johnny the other day when his mother forgot herself and offered him two cents.

Motive Enough.

Manager—Your play lacks motive.

Playwright—Motive? Why, man I haven't had a square meal in a year.

Ordered to Arrest Himself.

When an Akron (Ohio) man was arraigned in municipal court the other day for intoxication, it was his hundredth appearance within the last two years on the same charge.

Down on the Farm.

A young man spending a vacation was walking about the country lanes in an endeavor to hide from himself entirely all town life or anything which reminded him of town life.

Filipino Embroidery Liked.

America furnishes an ever-increasing demand for the native embroidery of the Filipinos.

RASMUSSEN PLEADS FOR DEFINITE RESEARCH PLAN.

Sees Need of New Policy for Experimental Work in Agriculture as Vast Industries are to be Maintained and Developed.

Harrisburg, Pa., Dec. 14.—A plea for a definite State plan and policy for research and experimental work in agriculture, if the vast industries as well as the agriculture of the State are to be maintained and developed, was made by Secretary of Agriculture, Fred Rasmussen.

FARM YIELD DECREASES.

"Forty years ago," said the Secretary, "the farms of Pennsylvania produced 3.8 bushels of potatoes per person, while today the yield of our farms is only 2.5 bushels per person. In 1880 there was in this State, 1 head of cattle for each 2.2 persons, while today the ratio is one head of cattle to 5.5 persons.

ACREAGE IMPROVES.

"During the forty years from 1880 to 1920, the acreage of improved farm land decreased 1,570,000 acres or 11.5 per cent. During this same period, the average yield per acre of the cultivated land has increased at a very slow rate.

MUST INCREASE FACILITIES.

"If the agriculture of the State is to advance so as to be profitable to those who live on the land and at the same time provide a larger quantity of food for our industrial workers, at a reasonable cost, so that our industries may meet the competition of the industries from other sections, we must provide for increased facilities for conducting our research work.

Catarrh Means Impure Blood

It is a Constitutional Disease.

When it affects the nose and throat and becomes chronic it weakens the delicate lung tissues, deranges the digestive organs, and may lead to consumption. It impairs taste, smell and hearing.

Take Hood's Sarsaparilla, which by purifying the blood removes the cause of the disease, and gives permanent relief.

"I had catarrh of the head and stomach, and dreadful ringing noises in my ears. I decided to try Hood's Sarsaparilla; my health improved wonderfully, and I adopted Hood's Sarsaparilla as my family medicine."

Mrs. M. Jenney Shaw, St. Johns, Ohio.

—Subscribe for the "Watchman."

State will have to depend more and more upon food hauled long distances at added cost. There will be more,

rather than fewer abandoned farms in the State and we will face rural decadence rather than rural progress."

Attention Farmers. This is the time to fatten your hogs for Fall. There is Nothing Better Than Fresh Skimmed Milk. Our price only 25c. per ten-gallon can. Western Maryland Dairy, Bellefonte, Pa.

Caldwell & Son, Bellefonte, Pa. Plumbing and Heating. By Hot Water Vapor Steam Pipeless Furnaces. Full Line of Pipe and Fittings AND MILL SUPPLIES. ALL SIZES OF Terra Cotta Pipe and Fittings. Estimates Cheerfully and Promptly Furnished.

WHERE and WHAT to BUY. Dainty and practical Gifts are most acceptable at Christmas. We are showing an unusual line in Silver, Bronze, Cut Glass and Pottery Novelties from which you can select a Gift that will have lasting value and usefulness for anyone. Come in and look them over. F. P. BLAIR & SON, JEWELERS, BELLEFONTE, PA.

Make The Fauble Store Your Christmas Store. NEVER in the Store's history have we shown so many Useful Things that Men and Boys need and appreciate as you will find here now. Everything that man or boy wears is here and in by far the largest Assortment in Central Pennsylvania. Prices, we know, are the lowest you have known for five years. Make Faubles Your Christmas Store and you will be Happy. A. FAUBLE