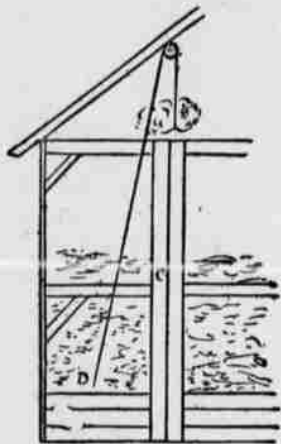




Filling the Mow Made Easy.

An easy method of filling mows with straw from the thrasher or with hay when partly full is as follows: Fasten a pulley on a rafter a little beyond beam. Nail two wide boards C on the beams for the bundle to slide upon. The rope D having a hook upon one end, is placed under and around the straw and fastened. The bundle is then lifted by a man at D. When it reaches the top beam it swings in and is lowered into the mow. It can then



FOR FILLING THE MOW.

be placed where wanted and unfastened. This device is very handy and saves much time.

Macaroni Wheat.

Grant Robinson of St. Paul, Minn., has purchased 40,000 acres of land in Presidio county, Texas, which he will devote to the culture of macaroni wheat on a scale the largest ever attempted in the world. Extensive preparations are now going forward for the consummation of the plans of the capitalist. Seed for planting will be brought to this country from the Volga region of Russia.

The field will be cultivated on the very latest and most improved method of wheat farming. Monster stake plows will be utilized in breaking up the land; in fact, all of the latest types of farming machinery will be used on the plantation.

Mr. Robinson proposes to have the largest and best managed wheat farm in the world. He will build a system of tenant houses and supply the wants of his laboring men from a commissary. A school will be built for the children of the laboring men, as well as churches, etc. The farm is near Valentine, accessible to the railroad, and has proven under tests to be admirably adapted to the culture of macaroni wheat.

Sheep Shearing Table.

Make a table with a hollow top, on which to lay the sheep. On each side of the board have a strap or rope with a snap hook to hold kicking sheep. The hollow top places the sheep at a disadvantage in trying to get up. This table is also very handy in tagging sheep; also in cleaning hogs, as the water will



FOR SHEARING SHEEP.

fall through the slats and will keep the hogs much cleaner.

That "Seedless" Apple.

According to Professor Van Deman, an attempt is being made to have the post office department issue a fraud order against the promoters of the so-called "seedless apple." It is claimed that this apple is of very inferior quality, and is an old variety, originating in Virginia, and generally considered of no commercial value.

The Secret of Success.

The superiority of butter made in Denmark is known the world over where butter is sold. Many investigations of Danish methods have been made and the conclusion is that cleanliness is the secret of the success of the Danish dairyman in making butter.

A Hen's Work.

During the lifetime of a healthy hen she will lay from 300 to 500 eggs. Her best laying capacity is during her second year.

Lime Nitrogen.

Every gardener likes to use a stimulating fertilizer to hurry the crops along. For this purpose nitrate of soda and sulphate of ammonia are most frequently employed. Nitrogen is the element chiefly sought and all known means of obtaining it cheaply have been tested. Lately much interest has been shown in lime nitrogea or calcium cyanamid. The results of recent experiments with this fertilizer indicate a high value for it. In some tests it has shown only 80 per cent of the effectiveness of nitrate of soda while in other tests it proved superior.

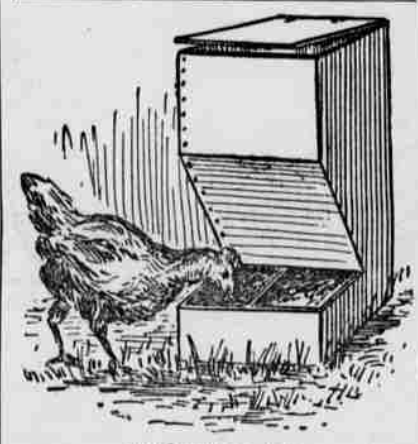
Lime nitrogen seems to be harmful if placed in direct contact with the seeds or roots of plants. It should preferably be mixed with the soil and applied from eight to fourteen days before seeding. It will then greatly hasten the growth and maturity of garden plants. Some gardeners have found that it is best to mix the lime nitrogen with the soil five to ten inches below the surface. The best results have been obtained by mixing the fertilizer with twice its weight of dry soil before applying. Lime nitrogen should not be applied at a greater rate than 135 to 270 pounds per acre.

Cold Storage for Farmers.

Putting first-class apples in cold storage for sale in late winter or early spring, is usually very profitable, says Farming. Other fruit and farm products may also be stored to advantage. The expense of a cold storage plant precludes its use by most fruit growers. Co-operation among farmers will sometimes be possible along this line. Granges and other farmers' organizations may do educational and practical work also. But available for every farmer are the refrigerator plants now found in almost every city. Rooms or space may be rented as one needs. Generally it is best to store in the city where it is intended to sell, that the produce may be on the ground in case of an advantageous market. Many a grower of fine fruit would be dollars ahead by availing himself of cold storage facilities.

Good Poultry Feeder.

Get a flat, empty grocery box and cut a section out of it, as shown in illustration. Nail a strip of thin board over the beveled portion and set the



SELF-FEEDING BOX.

affair against the wall. Here you have a self-feeding box in which can be put grit, bone, charcoal or grain. One or two partitions put in before cutting out the beveled section would make two or three compartments, in which two or three of the articles could be kept at the same time. This is the easiest possible way to make a self-feeding box. Have the top or cover part of the box slanting, so that the fowls cannot roost on it.

Sowing Spinach.

Early spinach is seeded in the fall. The ground should be plowed and made fine, plenty of well-rotted manure applied, and the seed sown in rows about 16 inches apart, which should be done with a seed drill having a small roller to cover and press the earth on the seeds, the depth of planting the seeds being about half an inch. The seed should be sown before cold weather sets in. When the plants are up let them grow until the ground is frozen, and then cover with straw, which should be removed early in the spring. Spinach is a very hardy plant and is seldom injured by cold.

Soapsuds for Plants.

The ordinary concentrated lye is really caustic soda, which is cheaper than potash. Soda lye makes hard soap and potash lye soft soap. Soapsuds from soft soap makes a valuable fertilizer, but soda soapsuds are not considered valuable, except for celery and asparagus, which are always benefited by soda in any form. The use of any kind of soapsuds is beneficial in assisting to liberate plant food in the soil, however.

Fewer Horses Foundered.

Not so many horses are foundered nowadays as there used to be. Horses are foundered by overfeeding, feeding when heated, watered when heated, high living and no exercise, overdriving and suddenly cooling after the blood has been unusually heated.

Cause of Poor Butter.

The farmer has been scolded, shamed and thoroughly lambasted for not taking better care of his cream, and with what result? Poor cream continues to come, and bad butter continues to go.



"Fohgve yoh enemies," said Uncle Eben, "but don' let dat stop you fum havin' 'em put under bonds to keep de peace."—Washington Star.

"You entertain a great deal more than you did formerly, I notice." "Yes, indeed. This is the first really hospitable cook we ever had."—Life.

"It takes him a painfully long time to write a letter." "Yes, he's trying to use as many simplified words as possible."—Cleveland Plain Dealer.

"There's a colored man and his wife at the door looking for work." "But I only advertised for a laundress." "Yes, they are her."—Philadelphia Press.

Mrs. Style—Mrs. Cashe has a great deal of embonpoint. Mrs. Parvenu—Then if she has a good deal of it, I know she got it cheap.—Baltimore American.

Wigg—A bad memory gets a fellow into lots of trouble. Wag—Yes, it's always springing things on you that you thought you had forgotten."—Philadelphia Record.

Jack—I knew a man who stole a kiss from a pretty girl. He paid the penalty for larceny. Katharine—Ah, indeed! And what was the penalty? Jack—Hard labor for life. He married the girl.—Philadelphia Bulletin.

"What is reform?" asked the argumentative man. "Reform," answered the world-weary one, "usually consists in merely compelling a man to stop doing things his way and making him do them yours."—Washington Star.

"Yes, sir; I'm the publisher of this paper. Is there anything I can do for you?" "I am looking for a job as a proofreader." "We don't need proofreaders any more. We have adopted the reformed spelling."—Chicago Tribune.

"The road to knowledge, nowadays," said the first old schoolmaster, "is too swift and too easy. It's a regular railroad." "Yes," agreed the other old pedagogue, "and it's a railroad with fewer switches than are necessary."—Philadelphia Public Ledger.

"I suppose you want me to look as pleasant as possible," said the customer. "Certainly, sir," replied the photographer. "And I'll have to ask you for a small deposit in advance." "What's that for?" "That's so I can look pleasant, too."—Milwaukee Sentinel.

McCall—What sort of hybrid creature is that new butler of yours? Nurritch—Why, how do you mean? McCall—I called to see you the other day, and when I asked him what time I might catch you at home he said: 'At half pawst tin, sah.'—Philadelphia Press.

"I wonder now," mused the dog, "what fool thing it is that my master wants me to do with that hoop he is holding out before me. Maybe he wants me to jump through it. I'll do it, and see. . . . How little it takes to make a man happy!"—Chicago Tribune.

The minister was shocked when the young lady declined an introduction to some of his parishioners. "Why, my dear young lady, did you ever think that perhaps you will have to mingle with these good people when you get to heaven?" "Well," she exclaimed, "that will be soon enough."—Life.

"Habillments for infants" is a sign in a clothing store in Boston. A Western visitor, seeing it, stopped in amazement. "What does that mean?" he asked his better acquainted fellow Westerner. "That?" said the other. "Oh, that is Boston dialect for kids' duds."—Youth's Companion.

"I'm glad to say," remarked Mrs. Strongminded in an insinuating tone, "that my husband is not a sporty man." "Oh," replied Mrs. Katty, looking very sweet and innocent, "I'm surprised to hear you say that. I have always supposed that he must have married you on a bet."—Chicago Record.

Where Black Means White.

"If I told you," said a philologist, "that a word like white meant not only white, but black as well—that it had two meanings, one the opposite of the other—you'd hardly believe me. Yet we have in English many such words.

"Cleave means to cling together. It also means to cut apart.

"Let means to permit. It also means to hinder. 'Let me do it,' we say, adding, 'I did it without let or hindrance.'

"Fast means motionless.—The horse was tied fast. It also means swift-moving.—The horse ran fast."

"Master means a little boy.—Master Willie Bell—and it also means a strong and resolute leader.—He was the unquestioned master of that unruly band."

Chiropractors are satisfied to remain at the foot.

The Inquisitive Barber.

No doubt many readers have heard of the austere disposition of America's greatest living actor, Richard Mansfield. Perhaps the following conversation, which took place in one of Boston's leading hotels, better illustrates the satirical nature of the player. Entering the barber's shop one morning, he was immediately recognized as Richard Mansfield by the barber.

"Good morning," said the barber affably.

A grunt was the only reply.

"Well, how was things over at the house last night?"

"What house?" answered the actor ironically.

"The Hollis," said the barber.

"What do you mean, sir?"

"Why, are you not Richard Mansfield?" the barber asked.

"Oh, no, indeed," replied Mr. Mansfield. "I just got out of jail this morning."

"What! You're not Richard Mansfield; and you just got out of jail this morning! What for, pray?"

"For assaulting inquisitive barbers," was the response.

Bold Invaders.

There were some phases of country life with which the little city girl had as yet only one day's acquaintance, but the rights of property-owners and property-renters were firmly fixed in her mind.

"Mother!" she called, in evident excitement, the morning after the family had settled for the summer in Sunset View Cottage, "mother! Just come here and look! There are somebody's hens wiping their feet on our nice clean grass!"

Transportation of fruits and vegetables in a vacuum is said to have been tried successfully by a California inventor.

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Wherever you live, you can obtain W. L. Douglas shoes. His name and price is stamped on the bottom, which protects you against high prices and inferior shoes. Take no substitutes. Ask your dealer for W. L. Douglas shoes and insist upon having them. Fast Color Euclyts used; they will not wear brass. Write for illustrated Catalog of Fall Styles. W. L. DOUGLAS, Dept. 13, Brockton, Mass.



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