

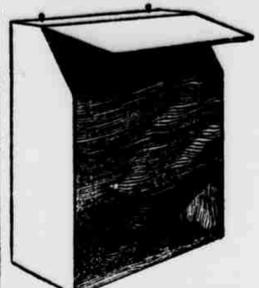
## FEEDING OF POULTRY BY THE DRY METHOD

It is Growing in Favor Because It Simplifies and Lessens the Work—By H. A. Nourse.

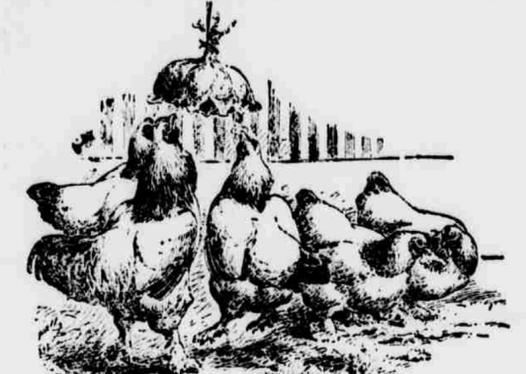
Slowly but surely the work of mixing and feeding a damp mash is being dropped from the poultryman's routine. In its place the fowls receive the ground grains, beef scraps, etc., which usually constitute the body of this mash, mixed dry and fed in troughs or hoppers. This method of feeding began to be exploited in New England not much more than half a decade ago, where it proved successful and has gradually worked its way westward. Now dry feeding is the method on a large per cent. of the practical poultry farms where the problem is to get the most income for the least outlay.

In summer the growing chick not only has the ingredients of the mash constantly within reach, but also the whole and cracked grains, the beef scraps, charcoal and grit. With these always accessible the chick does not frequently fill his crop to its capacity, but eats whatever he requires to satisfy his hunger, and then goes for a run about the fields, catching and devouring a bug here and a worm there, selecting the tender shoots of grass, or picking apart a clover blossom. Thus he obtains exercise, a well balanced ration, is sure of having all the food he wants for his proper nourishment, and is protected against the possibility

three of whole grain each day was in practice. When cold weather comes on and the chicks mature and are placed in winter quarters, the troughs or hoppers are transferred to the buildings

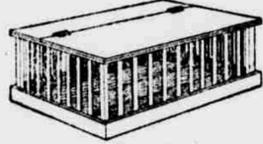


Dry Feeding Hopper for Poultry, and the ground grains, beef scraps, charcoal, grit, etc., are placed in them. If all the food were fed in this manner in winter some of the fowls would not secure sufficient exercise and on that account all whole and cracked grains are fed in a deep litter of straw, hay



Exercise and Green Food for Shut-in Days.

of being driven from the food at meal time by larger and stronger birds of the flock. By this method the care-taker saves fully half his labor. All that is necessary is to fill the troughs or hoppers whenever they require a new



Type of Self-Feeder for Poultry.

supply. Fill the drinking fountain once or twice a day and make sure that the flock is in its house and properly protected at night. He is required to make but two trips a day at the most in place of the four or five that were necessary when the old system of two meals of mash and two or

leaves, on the floor of the pens or in the scratching sheds. At this season the care-taker simply scatters the grain at intervals and fills the hoppers where they require it. The fowls obtain most of their nourishment from the grain which is scattered on the litter, for they prefer that to the dry mash as a rule, but to balance their ration they select the beef scraps, bran, etc., from the hopper whenever their appetites demand it.

Nature, says the Farmer, never intended that birds or domesticated fowls should crowd their crops full once or twice a day with a hot damp mash. The exponents of the dry-feed system claim that their system is nearer nature and the results prove that there is good foundation for this claim.

## Soil Impoverishment by Unchecked Erosion

The moving of soil by water is not confined to large streams, as many farmers know to their sorrow. Every tiny rill trickling down the slope carries off some of the finest and richest soil on the farm. After a heavy rain the spring is roily and the puddles in the hollows are muddy with it. The deep furrows left up and down the slope by the cultivated teeth combine with the water to form a rushing torrent which carries a tribute of rich soil before it joins the large rill by the road. The soil of the cornfield that was left bare all winter has lost some of its best loam by planting time. Gullies appear on the farm here and there, widening and deepening after every rain. The soil on the knolls and hillsides becomes thin and yellow; for the rich, black surface soil has been washed into the bottoms, and part of it has hurried off to help build up some excellent farming land about ten miles down stream.

After a heavy rain the farmer can see the best part of his soil creeping, running, racing away from him. A thousand murky rills slowly meander across his plowed ground, and gather force in the hollows. A hundred turbid rivulets pour down the hollows and join waters in the gulch. A dozen muddy brooklets rush down the gulch, swell the brook into a creek and race down stream, bearing away tons of the rich silt and loam that make plants grow. When the rain is over and the soaked soil has dried out enough to till, there are gravelly places that the farmer finds it hard to make productive, and rocks are exposed that have never been above the surface before.

Unchecked erosion has ruined many farms and seriously hurt many others. Thousands of acres of valuable farming land, particularly the red clay soils of the south and the loose, shaly soils of the north, are gouged and gullied every year until they become practically valueless for cropping. I have seen many hundreds of acres ruined by washing in the Carolinas, Tennessee and Georgia. On most farms, however, the loss is less conspicuous and more insidious. Every farm that has an irregularity of surface, however slight, pays tribute to the force that does more leveling in an hour than all the patent leveling machines have ever done or ever will do.

A very important problem for the farm owner to consider is how to check erosion cheaply and effectively. The plan that will be most successful depends upon the locality, the lay of

the land, the kind of soil, the crop and many other local matters. In extreme cases it has been found necessary to retain wooded areas running across the slopes, that are subject to washing and otherwise disintegrated, so as to prevent the gathering of water. The water courses should be looked to carefully. A little work directing streamlets into legitimate channels is time well spent. There are various methods of holding the soil with plants. A cover crop of rye, clover, vetch, etc., sown in the orchard or cornfield in late summer may do much to prevent surface washing during the winter. Steep banks may be held with quick grass; slopes may be put into meadows. Cultivating across the slopes instead of up and down will save many tiny leaks that amount to a serious loss in some cases. Many other methods of checking erosion will suggest themselves to the man who has this problem to solve, and the methods born of personal need and local experience are apt to be most efficient.

The loss by erosion is, I believe, one of the largest leaks on American farms to-day. It is bound to increase as our wooded area decreases. This loss can not be entirely prevented, as long as the rain falls upon land that is not perfectly level. But a large part of it can be prevented. How to do this is worth considering by every man who has the problem on his hands.

**Value of Alfalfa.**—Writing to the Breeder's Gazette, of Chicago, Joseph E. Wing says: "Alfalfa growing land that will grow five tons to the acre is worth as an investment at least \$200 per acre. If it will not grow alfalfa it is seldom bearing interest on \$100. With luxuriant alfalfa on the land, it will become greatly enriched, and when again plowed will grow better everything else. I am firmly of the opinion that one can afford to expend, if necessary, \$50 per acre to make alfalfa grow vigorously." Wherever alfalfa is grown and fed to live stock, these facts are apparent.

**Hog Gains.** As hogs increase in size, the amount of food required for the maintenance of the body becomes greater and the gains are naturally smaller; hence a larger amount of grain and milk must be fed according to increasing weight and advancing age. The gains made in 60 days by the hogs in one of our experiments were as large as those made in 77 days by the hogs in another and in some cases larger.—Prof. R. M. Soule, Tennessee Experiment Station.

## A MID-WINTER VERDICT.

"Bright Sunshine All Winter," is What a Western Canada Lady Says.

Maldstone, Sask., Canada, Feb. 4, 1907.

C. J. Broughton, Esq., Canadian Government Agent, Chicago, Ill.

Dear Sir: Being so well pleased with Canada we wish my father and brother to come here. Will you please send them reading matter on Canada.

We have been here nearly a year and are delighted with this country. We have lived in Illinois, Iowa, and Michigan and we find Canada away ahead of any of them. We have had bright sunshine all winter so far, only two nice, easy snow storms. If it was not all right you know I would not want my father and brother to come here, but we think it is grand.

Yours truly,  
(Signed) MRS. ED. TROUPE.

## High Prices Paid for Pigs.

A spinster with money to burn recently paid \$5,000 for a bullock. A man in Massachusetts has just bought a cow for \$8,000. Walter Garvey has a hog for which he refused a cash offer of \$4,000. James Keene refused \$200,000 for Sysonby, a race horse. There are several roosters of fashionable blood priced as high as \$500 each. You can buy a fine lion for \$500 and a tiger for \$700. By and by we shall have a craze for breeding fishes, and a fine male salmon, educated to pond life, might be worth \$1,000. The \$8,000 cow has one calf a year, worth \$1,000. The female salmon may become the mother of 300,000 little fellows in the same time, worth in the aggregate, possibly, as much as the calf.—N. Y. Press.

## CASE OF ECZEMA IN SOUTH.

Suffered Three Years—Hands and Eyes Most Affected—Now Well and is Grateful to Cuticura.

"My wife was taken badly with eczema for three years, and she employed a doctor with no effect at all until she employed Cuticura Soap and Ointment. One of her hands and her left eye were badly affected, and when she would stop using Cuticura Soap and Ointment the eczema came back, but very slightly; but it did her a sight of good. Then we complied with the instructions in using the entire set of Cuticura Remedies and my wife is entirely recovered. She thanks Cuticura very much and will recommend it highly in our locality and in every nook and corner of our parish. God bless you for the sake of suffering humanity. I. M. Robert, Hydropolis, La., Jan. 5 and Sept. 1, 1907."

## MARKER ACTED IN HASTE.

Man Who Came to "Start Something" Was All Right.

Harker was in a fierce humor the other morning when the front door opened and in walked a stranger unannounced. "I came," began the stranger, taking off his coat and rolling up his sleeves. "What?" thundered Harker. "You didn't come in here to start anything, did you?" "I did," replied the stranger, coolly. "But he got no further. With a savage whoop Harker grabbed the intruder around the waist and deposited him on the sidewalk. Two hours later his wife returned. "William," said she, "was there anyone here during my absence?" "Yes," snorted Harker, "there was some lunatic here who said he came to start something, but I just bundled him out on the sidewalk before he had time to make a move." "William, you are the biggest goose in town!" "In what way?" "Why, the man came to start the clock that hasn't been running for a week. He is a clocksmith."

## Took Sensible View of Life.

Lindley Murray, the grammarian, a native of Pennsylvania, who died in 1826, had views of life that were quite as correct as his principles of English grammar. He wrote: "I was persuaded that a truly sincere mind could be at no loss to discern the just limits between a safe and competent portion and a dangerous profusion of the good things of life. These views of the subject I reduced to practice, and terminated my mercantile career when I had acquired a moderate competency."

## THE WHOLE FAMILY.

Mother Finds a Food for Grown-Ups and Children as Well.

Food that can be eaten with relish and benefit by the children as well as the older members of the family, makes a pleasant household commodity. Such a food is Grape-Nuts. It not only agrees with and builds up children, but older persons who, from bad habits of eating, have become dyspeptic. A Phila. lady, after being benefited herself persuaded her husband to try Grape-Nuts for stomach trouble. She writes: "About eight years ago I had a severe attack of congestion of stomach and bowels. From that time on, I had to be careful about eating, as nearly every kind of food then known to me, seemed to cause pain. "Four years ago I commenced to use Grape-Nuts. I grew stronger and better, and from that time I seldom have been without it; have gained in health and strength and am now heavier than I ever was. "My husband was also in a bad condition—his stomach became so weak that he could eat hardly anything with comfort. I got him to try Grape-Nuts, and he soon found his stomach trouble had disappeared. "My girl and boy, 3 and 5 years old, do not want anything else for breakfast but Grape-Nuts, and more healthy children cannot be found." Name given by Postum Co., Battle Creek, Mich. Read the little booklet, "The Road to Wellville," in pkg. "There's a reason."

## PUTNAM FADELESS DYES do not stain the hands or spot the kettle, except green and purple. 10c per package.

To live in hearts we leave behind is not to die.—Campbell.

Mrs. Winslow's Soothing Syrup. For children teething, soothes the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

Fault finding eventually results in a disposition toward selfishness.

FILES CURED IN 6 TO 10 DAYS. PAIN OBTAINED is guaranteed to every case of itching, blind, bleeding or protruding Piles. 50c a box or 2 for \$1.00.

Lewis' Single Binder straight to cigar is good quality all the time. Your dealer or Lewis' Factory, Peoria, Ill.

Senator's Wife Skillful Harpist. When Mrs. W. A. Clarke, wife of the Montana senator, entertains in their Massachusetts avenue home Mrs. Clarke gives her guests a genuine treat in a harp recital. She is a cultured musician, especially skillful on the harp.

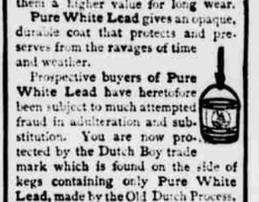
Worth Knowing About. If you need a first-class laxative, there is nothing better nor safer than that old family remedy, Brandreth's Pills. Each pill contains one grain of solid extract of sarsaparilla, which, with other valuable vegetable products, make it a blood purifier of excellent character. If you are troubled with constipation, one pill at night will afford great relief.

Brandreth's Pills are the same fine laxative tonic pill your grandparents used. They have been in use for over a century, and are for sale everywhere, either plain or sugar-coated.

Winston Churchill when he has an important piece of writing before him eats very little meat and cuts his allowance of tobacco in half. He finds that this regime gives unusual clarity to his mind.

## Tone Up With Good Paint.

It is good business to keep property properly "worned up." A coat of Pure White Lead Paint not only makes things look better and gives them a higher selling value, but it makes things wear better and gives them a higher value for long wear. Pure White Lead gives an opaque, durable coat that protects and preserves from the ravages of time and weather. Prospective buyers of Pure White Lead have heretofore been subject to much attempted fraud in adulteration and substitution. You are now protected by the Dutch Boy trade mark which is found on the side of kegs containing only Pure White Lead, made by the OH Dutch Process. Look for the boy.



## SEND FOR BOOK.

"A Talk on Faith," gives the history of the Bible, the mission of the Prince and the Prince upon request. NATIONAL LEAD COMPANY, 100 West 11th Street, New York, N. Y. Agents: Boston, Buffalo, Cleveland, Chicago, Detroit, Philadelphia, Pittsburgh, St. Louis, St. Paul, Toronto, Wash. D. C. (National Lead & Oil Co.)

## STOP WOMAN AND CONSIDER



First, that almost every operation in our hospitals, performed upon women, becomes necessary because of neglect of such symptoms as Backache, Irregularities, Displacements, Pain in the Side, Dragging Sensations, Dizziness and Sleeplessness.

Second, that Lydia E. Pinkham's Vegetable Compound, made from native roots and herbs, has cured more cases of female ills than any other one medicine known. It regulates, strengthens and restores women's health and is invaluable in preparing women for child-birth and during the period of Change of Life.

Third, the great volume of unsolicited and grateful testimonials on file at the Pinkham Laboratory at Lynn, Mass., many of which are from time to time being published by special permission, give absolute evidence of the value of Lydia E. Pinkham's Vegetable Compound and Mrs. Pinkham's advice.

## Lydia E. Pinkham's Vegetable Compound

For more than 30 years has been curing Female Complaints, such as Dragging Sensations, Weak Back, Failing and Displacements, Jaundition and Ulceration, and Organic Diseases, and it dissolves and expels Tumors at an early stage.

## Mrs. Pinkham's Standing Invitation to Women

Women suffering from any form of female weakness are invited to write Mrs. Pinkham, Lynn, Mass. for advice. She is the Mrs. Pinkham who has been advising sick women free of charge for more than twenty years, and before that she assisted her mother-in-law, Lydia E. Pinkham in advising. Thus she is especially well qualified to guide sick women back to health. Write today, don't wait until to-morrow.

## FREE! 640 ACRE HOMESTEADS IN NEBRASKA

### WHY PAY RENT, WHEN YOU CAN GET A FARM OF YOUR OWN?

Sixteen counties in Western Nebraska, along the line of the Burlington Route contain free homestead lands that may be entered under the provisions of the Homestead and Acre Homestead Law.

Personally conducted excursions to see these lands the first and third Tuesdays of each month. NEW FOLDER FREE. Write today for our new folder, with large map, describing the homestead lands along the Burlington Route.

D. CLEM DEEVER, General Agent, Landseekers Information Bureau, 1004E Farnam Street, Omaha, Nebraska.

## NEW WHEAT LANDS IN THE CANADIAN WEST

5,000 additional acres of railway land have been opened up for settlement. For more information apply to the progressive farmers of Western Canada and the Government of the Dominion of Canada. Write to the Canadian Government Agent, J. S. CRAWFORD, No. 125 W. Ninth Street, Kansas City, Missouri, or C. J. BROUGHTON, Room 430, Quincy Building, Chicago, Illinois.

## THE COUNTRY HAS NO SUPERIOR

Coal, wood and water in abundance, churches and schools convenient, markets near, moderate climate. Law and order prevail everywhere. For more information apply to the SUPERINTENDENT OF IMMIGRATION, Ottawa, Canada, or any authorized Canadian Government Agent.

## DEFIANCE STARCH PATENTS

DEFIANCE STARCH PATENTS

## MILLIONS USE



## THE WORLD'S FAVOURITE

For Preserving, Purifying and Beautifying the Skin, Scalp, Hair, and Hands.

Cuticura Soap contains delicate medicinal and emollient ingredients which soothe, purify and beautify the skin. It is the most perfect skin preservative and beautifier ever devised. It is the only skin preservative that is safe for the most delicate skin. It is the only skin preservative that is safe for the most delicate skin. It is the only skin preservative that is safe for the most delicate skin.

## The Edison Phonograph Amuses Everybody



Dealers Wanted in Every Town. Where we have no dealer, if you have a store of any kind, selling anything, whatever, you can add to your profits by taking the agency for Edison Phonographs. If you are interested, write today for the terms and particulars, and start to make more money at once. The first inquiry from your town, if there is no agency, will be the first one considered, so don't delay. Write today.

NATIONAL PHONOGRAPH CO., 52 Lakeside Avenue, Orange, N. J.

# The Roses Were Gone

# "I Was Pale"

writes Mrs. H. C. Robinson (formerly Miss Hazel Upson) of DeKalb, Ill., "as a result of six months suppression, following an attack of fever, that I never got over just right. I was weak and hardly able to get around. The best doctor in DeKalb gave me up and said I could not get well. Mamma was almost crazy about it. One afternoon a lady friend came to see me and told mamma to get me a bottle of

## WINE OF CARDUI

Woman's Relief

so she got it, though she had little hopes of its helping. But, praise God! I had taken just three bottles, when I was relieved and began to get well right off. I kept right on taking Cardui and now I am well and strong. I feel that I owe my life to Cardui and will never be through praising it." Thousands of ladies have written, like Mrs. Robinson, to tell of the wonderful relief it gave, in the various forms of female disease. For such trouble as headache, backache, failing feelings, nervousness, irregularity, misplacement, etc., you will find Cardui of true and lasting benefit. Try it.

**AT ALL DRUGGISTS IN \$1.00 BOTTLES** G100

## Japs May Settle in Canada.

Mr. Negatany, a subject of the mikado, is credited by rumor with a scheme for buying from the Canadian Pacific railway 50,000 acres of land in Alberta suitable for wheat and sugar beet culture and settling on the tract a colony of industrious forehanded Japanese farmers.

## Catarrh Cannot Be Cured

with LOCAL APPLICATIONS, as they cannot reach the seat of the disease. Catarrh is a blood or constitutional disease, and in order to cure it you must have internal remedies. Malt's Catarrh Cure is taken internally, and acts directly on the blood and mucous surfaces. Malt's Catarrh Cure is not a quick medicine. It is prescribed by one of the best physicians in the country for years and is a regular prescription. It is composed of the best tonic known, combined with the best blood purifiers, acting directly on the mucous surfaces. The perfect combination of the two ingredients is what produces such wonderful results in curing catarrh. Send for testimonials, free of charge. MALT'S CATARRH CURE, Toledo, O. Sold by Druggists, price 75c. Take Malt's Family Pills for constipation.

Never judge any man's worth by his size. A silver dollar is much larger than a ten dollar piece.

When doctors disagree it is well for the patient to get up and see if anything really ails him.

**ONLY ONE "BROMO QUININE"** That's the name of the medicine that is made in Canada and is the only one that is made in Canada and is the only one that is made in Canada.

Every day in thy life is a leaf in thy history.—Lycurgus.

Garfield Tea has been famous for years as a remedy for constipation, liver and kidney disease. Guaranteed under the Pure Food Law.

An opinion carries conviction only when expressed with force.

Lewis' Single Binder cigar—richest, most satisfying smoke on the market. Your dealer or Lewis' Factory, Peoria, Ill.

It is hard to form a correct opinion of others on what is said about them.

## W. L. DOUGLAS SHOES

\$3.00 AND \$3.50 SHOES

W. L. DOUGLAS \$4.00 GILT EDGE SHOES CANNOT BE EQUALLED AT ANY PRICE.

**SHOES FOR EVERYBODY AT ALL PRICES!**

Men's shoes, \$3 to \$1.50. Boys' shoes, \$2 to \$1.25. Women's shoes, \$4 to \$1.50. Misses' & Children's shoes, \$2.25 to \$1.00.

W. L. Douglas shoes are recognized by expert judges of footwear to be the best in style, fit and wear produced in this country. Each part of the shoe and every detail of the making is looked after and watched over by skilled shoemakers, without regard to time or cost. If I could take you into my large factories at Brockton, Mass., and show you how carefully W. L. Douglas shoes are made, you would then understand why they hold their shape, fit better, wear longer, and are of greater value than any other makes.

W. L. Douglas name and price is stamped on the bottom, which protects the wearer against high price and inferior shoes. "Take A No Substitutes." Hold by the best shoe dealers every where. For color plates and circulars, Catalog mailed free. W. L. DOUGLAS, Brockton, Mass.

**34 YEARS SELLING DIRECT**

Our machines and harness have been sold direct from our factory to our customers for 34 years. We ship by express and guarantee safe delivery. You save on nothing if not on quality.

We are the Largest Manufacturers in the World.

W. L. DOUGLAS, Brockton, Mass.

## You Look Prematurely Old

Because of those ugly, grizzled, gray hairs. Use "LA CREOLE" HAIR RESTORER. Price, 50c per bottle.