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Independence, Oregon, Thursday, Dec. 19, 1912



MAKING THE LITTLE FARM PAY

By C. C. BOWSFIELD

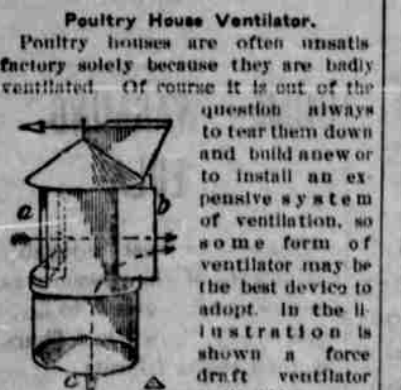
THERE are more reasons than one for making poultry a prominent part of the farm program. With 300 to 500 chickens on a place many tons of compost can be made, which will be worth hundreds of dollars in fertilizing the garden and field crops. It is necessary to keep a poultry house and yard liberally supplied with road dust or some other light soil. The floor under the roosts should have a fresh supply of this earth twice a week or oftener. It serves as an absorbent for the droppings, produces a rich compost very fast and destroys flies. As a dust heap is one of the first essentials around a poultry plant this clean, fine earth comes into play there also. Dust which chickens use for their baths does not need to be changed more frequently than two or three times in a season. When it becomes dirty it should become part of the compost.

This fertilizer is valuable enough so that it ought to receive some care, and with several hundred chickens the annual accumulation will fill a good sized shed. It needs to be plowed in liberally every season, being of special value in the production of flowers, vegetables and small fruit. During the months when it is accumulating it needs to be tightly covered in a shed or pit to prevent the loss of nitrogen.

When the roosting platforms or the floors of a poultry house are cleaned, for every 100 pounds of dirt and manure thrown into the compost heap add ten pounds of salts of potassium and ten pounds of sawdust. If the lat-

WHEN DRAINAGE PAID.

Brought 450 Bushels of Corn and Added \$1,000 to Land's Value. Four hundred and fifty bushels of corn from eight acres that were almost worthless two years ago is the yield from Van Buskirk of Kincaid, Kan., received this year. Drainage did it. Here is the story: Mr. Van Buskirk wrote two years ago to H. B. Walker, state drainage and irrigation engineer at the Kansas Agricultural college, asking what he should do with an eight acre piece of swampy land covered with willows. This land never had produced anything. Mr. Walker advised him to drain the land, and he did. The land was planted to corn and yielded 450 bushels. Other corn in that neighborhood averaged from ten to forty bushels to the acre. The cost of draining the land was \$125. Mr. Van Buskirk values his corn at 50 cents a bushel, or \$225. Besides the increased crop, he considers his land worth \$1,000 more by the improvement. —Kansas Industrialist.



Poultry House Ventilator. Poultry houses are often unsatisfactory solely because they are badly ventilated. Of course it is out of the question always to tear them down and build anew or to install an expensive system of ventilation, so some form of ventilator may be the best device to adopt. In the illustration is shown a force draft ventilator built like a revolving stovepipe chimney top. The wing with the arrow on top turns the top so the opening always faces the wind. Some of the wind passes through this opening and out of the top at b. It thus creates a draft up the flue c and thus ventilates the poultry house below. —American Agriculturist.

Here's a Good Combination. In this hunt for the profit dollar keep an eye on the combination of ensilage and clover or alfalfa hay. There is no other combination of feed like it for results in milk. A farmer could take these two pieces of forage and with good cows and no grain he could come out at the end of the year with a fair profit. Of course a few pounds of grain feed a day is a good investment. —Hoard's Dairyman.

Plant Many Trees. In an article in the Woman's Home Companion on "The Friendly Summer Trees" the author, Frank A. Waugh, professor of horticulture in the Agricultural College of Massachusetts, lays down the general rule that only one tree out of every twenty planted ever grows to maturity. He therefore advises those who plant trees to plan liberally.

Roof or No Roof on Silo?

So far as the silage is concerned, no roof is needed on the silo. Rain and snow do not hurt the silage. For the convenience and comfort of the person removing the silage from the silo it is better to have a roof. —Hoard's Dairyman.

ter cannot be procured the fertilizer will need to be closely covered to preserve the nitrogen. The sawdust helps to hold the chemical. The use of a good fertilizer may be depended on to add 50 to 100 per cent to the productivity of a plot of ground, and hence no line of activity on the farm pays better than the preparation of compost. While on this subject I wish to urge the importance of having well rotted manure if the plowing is not done until spring. It is useless to plow into the ground a lot of half rotted straw just before seeding time. If the plowing is done in the fall a course manure has time to rot and nourish the soil before the crops are started. Common barnyard fertilizer is of great value to field crops if it has not lost its nutritive qualities by long exposure to the elements. It needs to rot in a compost heap for several months if it is going into the ground immediately before seeding grain or vegetables. It is best to devote the fertilizer produced from the poultry house entirely to the garden, while that coming from the live stock stables may properly go to the fields.

Not only is poultry house fertilizer the most valuable that the farm produces, but it is free from weeds, and this is a strong point in its favor. Much of the manure which farmers use, especially that hauled from towns, is full of the seeds of noxious weeds, the growth of which causes a great deal of work besides damaging field crops.

SHEEP IMPROVE THE SOIL.

Will Help Greatly to Solve Problem of Maintaining Fertility. The one great big problem in this country is that of maintaining soil fertility, and taking everything into consideration, the sheep is about the most valuable of all the farm animals as a natural means of keeping up the earning power of the fields. No better fertilizer is known than sheep manure. I have noticed that wherever you see a farm where sheep have been kept for a number of years you will find the soil in an excellent state of fertility, says a Farm Progress



ANIMALS WITH "GOLDEN HOONS." Correspondent. Elaborate soil testing is not necessary before sheep manure is applied to a field. It will help the best dirt, and it will make good soil out of land that has been worn out and given over to pasture. The help it gives the soil is given quickly and economically. It is the one kind of fertilizer that any farmer can manufacture on his own acres, no matter how poor and worn they are in the beginning. A flock of sheep will take an old field overrun by sprouts and briars and they will turn sassaparilla bushes and dewberry vines into wool, mutton and soil stuff quicker than any other animal could change them into a marketable product.

Orchard and Garden. Late fall and winter pears should not be allowed to hang on the trees too long, for some of them become hard and grainy in texture and not fit to eat. Prune out old canes of raspberries and blackberries and burn them. Thin the hills to three or four shoots. Cultivate and add some manure to the soil. Parsnips for table use will possess a much milder and sweeter flavor if covered with some sort of refuse right where they grow and allowed to remain

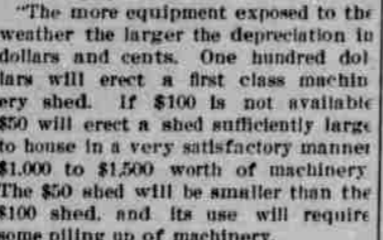
MANURE FROM THE STREETS. Oil Must Be Extracted to Make It Equal to Stable Product. The department of agriculture receives from truckers and gardeners many requests in regard to the value of street sweepings as fertilizer. The collections from sweepings consist chiefly of animal manures, trash and small particles of paving materials, and at the present time, when the use of power vehicles is so extensive, they also contain a percentage of oily matter. Experiments were made to test the effects of the sweepings on crops. Good stable manure was also used in order that a comparison might be made. In almost every case the sweepings proved to be beneficial. The effect of the stable manure, however, was much greater. It was thought that the oil contained in the sweepings might affect their fertilizing properties. In order to study this point the oil was extracted and its effect on plant growth was tested. In every case it proved harmful. The sweepings from which it had been extracted were next tested. In this case the growth was about equal to that caused by the stable manure. In other words, street sweepings from which the oil has been extracted are practically equal to stable manure in fertilizing value. If some method could be discovered whereby the oil could be economically extracted street sweepings, on account of their comparatively low cost, should constitute a valuable source of fertilizer to the trucker and farmer. —Country Gentleman.

Farm and Garden

DOES SHELTER PAY?

Reckoning the Cost of Keeping Farm Machinery Under Cover. A correspondent of the Kansas Farmer says that paper places undue importance upon the necessity of sheltering farm implements and that the cost of lumber and interest on the investment in a machinery shed is greater than the depreciation on implements as a result of exposure. The paper replies: "The average 100 acre farm is regarded as having \$1,000 invested in farm machinery, including wagons and buggies. It is our judgment that the average Kansas farm has nearer \$1,500 invested. We are confident that the depreciation on farm equipment when exposed to the storms is not less than 10 per cent per year. We are inclined to the belief that it is 20 per cent per year. We know that a 20 per cent depreciation will apply to at least a part of the equipment. "The more equipment exposed to the weather the larger the depreciation in dollars and cents. One hundred dollars will erect a first class machinery shed. If \$100 is not available \$50 will erect a shed sufficiently large to house in a very satisfactory manner \$1,000 to \$1,500 worth of machinery. The \$50 shed will be smaller than the \$100 shed, and its use will require some piling up of machinery. "This, however, can be done with no cash outlay and with little outlay of time and labor. If the depreciation on the shed itself is 5 per cent per year and the interest on the investment is 5 or 6 per cent per year there is still a considerable amount in favor of saving the 10 per cent or minimum depreciation on the machinery. "It does not seem possible that a wide awake farmer would argue against the advantages of good machinery care, even though it be impossible for him to provide a machinery shed."

FLOUR BARREL COOP. Cheaply Made and Provides Plenty of Room For the Chickens. Flour barrels make excellent coops roomy and cheap, says Farm and Fire side, from which this article and illustration are taken. A little frame is made for the front, consisting of four pieces of board, the uprights 6 by 24



inches, and two cross pieces, top and bottom 2 by 20 inches. Fasten frame to front of barrel by wire, leaving opening for door. Fasten it so that a slide door eight inches wide can be easily dropped in from the top. This door is made of one-half inch mesh cellular window wire, nailed or stapled to strips of wood. This gives good ventilation and is absolutely vermin proof. Cover barrel with old tin roofing or spouting, so as to make it rain proof and prevent the sun from warping it. Of course a coat of paint will add to its attractiveness, but it is not necessary for practical purposes. Runs of any size made of wire netting can be attached to the barrel, and with netting over the top of runs the chicks are safe from crows or the annoyance of grown chickens. Barrels and runs can be easily moved to fresh ground. The runs are made substantial by the addition of a few stakes driven into the ground to support the wire netting.

NOT NOW, BUT LATER. A plantation of forest trees would not yield an immediate return, but it would see the fruit, and would enhance the value of the land each year, besides providing for the needs of the future. —Iowa Homestead.

Taking Out the Posts. In pulling mortised fenceposts do you wish to do it with ease and dispatch? Loosen the earth a little around each post. Insert a lever through a mortise in the post; use first the wheel, then the dashboard of your wheelbarrow as a fulcrum, and the trick is done. —Farm Journal.

CLASSIFIED ADVERTISING. All notices under this head will be charged at the rate of 1¢ a word for one insertion or 5¢ a line by continuous advertisers. Fractional lines count as full lines.

LOST OR FOUND. LOST—Mink fur, between Mammoth and Independence. Finder return to P. O. Mammoth and get \$5.00 reward.

LIVE STOCK, IMPLEMENTS, ETC. IMPLEMENTS and woven wire fencing at cost at J. D. Hibbs & Co. store.

FOR SALE—A good horse for \$100. See R. J. Taylor.

FOR SALE—Running gears of a good 24 wagon. R. J. Taylor.

ABSTRACTS OF TITLE. ABSTRACTS OF TITLE made promptly, carefully and at a reasonable price. Brown & Sibley, Attorneys and Abstractors, 610 Mill St. Dallas, Oregon.

DEALERS IN COAL AND WOOD. COAL FOR SALE: The Chas. K. Spaulding Logging Co.

DIFFERENT PROPERTY FOS TRADE. WHAT HAVE YOU TO OFFER toward a 20 acre farm near Monmouth worth \$20,000 or half of it for \$10,000. Ask R. J. Taylor for particulars.

FOR SALE OR TRADE—FOR FARM LAND. NEAR Independence, 28 acres, one and one-half miles from Salem, 16 acres cleared, 12 acre orchard of cherries, Spitzenburg apples etc., 7 room house, wind mill tank, water piped to house and barn; barn 24x36, chicken coops for 500 chickens, price \$900. —See R. J. Taylor.

FOR SALE—New bungalow; 5 rooms and bath, beam ceiling, paneled w. l. s., buffet in dining room, tinted w. l. s., piano and cabinet kitchen. Easy terms. Inquire K. C. Eldridge at Creamery.

FINE RESIDENCE PROPERTY. One 1-4, good, large house, centrally located, plenty of shade, fine lawn, well kept yard, cement walks. R. J. Taylor.

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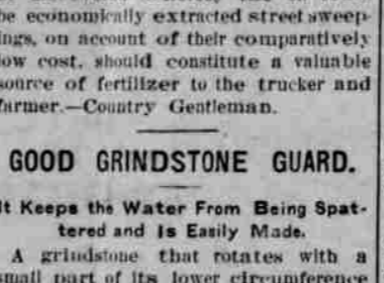
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MANURE FROM THE STREETS.

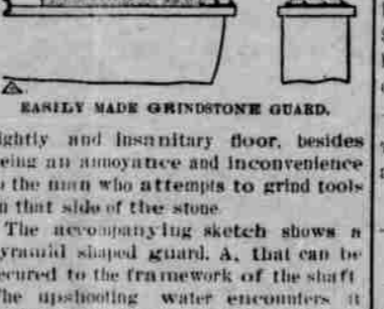
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GOOD GRINDSTONE GUARD.

It Keeps the Water From Being Spattered and is Easily Made. A grindstone that rotates with a small part of its lower circumference immersed in a reservoir or basin for the purpose of moistening the stone has a tendency to pick up the water and throw it in the direction in which the stone is turning. The larger the stone the greater the amount of water thrown out, and the result is an unsightly and insanitary floor, besides being an annoyance and inconvenience to the man who attempts to grind tools on that side of the stone. The accompanying sketch shows a pyramid shaped guard, A, that can be secured to the framework of the shaft. The upshooting water encounters it and is deflected back and down into the basin below. The guard's shape is such that it is not in the way of any one working on that side of the stone. It is constructed of galvanized iron, heavy tin or similar material.



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7 1/2 ACRES NEAR SALEM—on main road to Salem to trade for Independence property. \$700. R. J. Taylor

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PROPERTY IN OTHER TOWNS

FALLS CITY PROPERTY; Two acres, good six room house two porches good well, woodshed, fruit room, house wired for electricity, 2000 strawberry plants land level, near saw mill. \$2290. \$1200 cash balance on time. R. J. Taylor.

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