

POULTRY AND EGGS

MAKING POULTRY PAY.

Freedom From Insects and Proper Feed Will Bring Success.

When anything is found wrong with poultry or other domesticated birds the maxim should be "look for lice," writes a poultry expert in the Philadelphia Press. Every year I believe more thoroughly in this maxim. There are two reasons why this must be true. They lie in the fact that lice breed in infinite numbers at the very season when other work is most insistently claiming every thought and every ounce of strength which the workers have to spare and in the additional encouraging fact that chicks from thrifty progeny on range can fight off all other ills if they are kept free from lice.

To give the chicks a fair chance for their fight dust the hens at the end of each week or sitting, as it is said to take a brood of lice about a week to hatch. Then put a very little plain oil on the head of each chick, use a little kerosene on the hens and trust to the favorable conditions prepared to give the results desired. Tobacco dust, simple and cheap, is used for dusting the hens. I do not like to use any dust on small chicks, as it seems to me there is danger of overdoing the matter.

The question of feed is disposed of in the same way. We plan to give as much time to feeding soft mash as we



White Leghorn hens, as a general rule, lead other breeds as layers, and this is one of the reasons why 90 per cent of all egg farmers are stocked with this variety. They are small, active hens, producing equally well in confinement and on range. The hen shown is a Rose Comb White Leghorn.

can afford or believe to be desirable. Hopper feeding fills out all deficiencies and saves the time of the owners, while insuring that no chick shall get less than he needs. With chicks on full range, this is not as necessary, of course, as with chicks raised in confinement. But in all conditions I believe a little box of dry feed free to all the chicks is a first rate thing to provide.

The best ration for breeding fowls is plenty of good corn, a small amount of oats and all the dried meat scrap and wheat bran the fowls want to eat. A box of ground bran, a box of charcoal and a box of crushed oyster shells where the fowls can help themselves and a good supply of green grass will give more vitality to the eggs than any other feed.

The meat scrap and bran can be kept before the fowls where they can help themselves. They will not overeat after they have become accustomed to the food. Some persons have an idea that corn is not good for breeding hens, but my experience is that hens which eat large amounts of corn transmit more vitality to the chicks than those receiving other grains.

Watering the Horse.

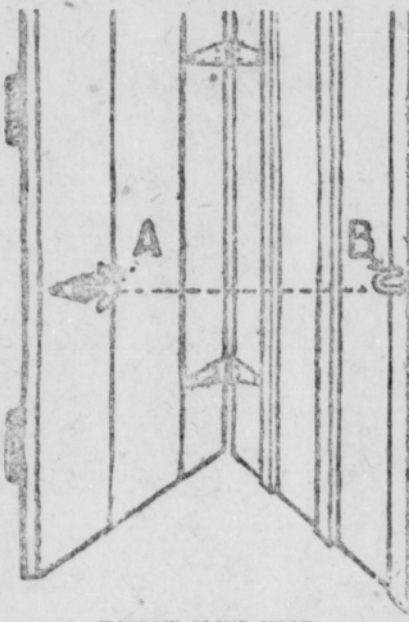
Three times a day is not enough to water live stock. They should have, especially in hot weather, an opportunity of drinking at least five times daily—before each meal and at intervals of two and one-half to three hours apart between meals. The animal that works in hot weather or a live or six hour stretch without water suffers intensely from thirst. Frequent watering prevents water colic and other ill effects. Never allow the animal to drink when very hot. Always force him under such conditions to drink a little at a time until satisfied.

Care of Farm Tractors.

Spare parts of the gas tractor should be kept on hand at all times. To keep the engine running is the main thing in the harvest field. Going to town for repairs takes time which can be avoided by having spare parts at hand. Spare parts of pieces which wear the most should be carried with the tractor in order to save time in replacing parts. Cylinder oil for the gas engine must be of the best quality, and highest grade to get the best result from the tractor. A cheap low grade of oil will cause frequent stops and delays and will seriously interfere with the efficiency of the engine. Overhaul the tractor at least once a week and every three days if run continuously day and night. To delay one day may result in a broken part which will take longer to repair than the time required for overhauling the engine.

Hook For Barn Door.

The best thing I have found for holding a door open is an ordinary window blind hook, writes a correspondent of the Farm and Fireside. Fasten it to



WINDOW BLIND HOOK.

the door in the manner illustrated at A and B so it will hook into a large staple. This method of fastening is strong, neat and inexpensive and will save your door from being blown off its hinges by strong winds.

Worms In Hogs.

Keep your hogs free from worms by giving the following ingredients: Santonin, two and one-half grains; arsenic, one dram; calomel, one grain; sodium bicarbonate, one dram. The above is a dose for a 100 pound pig, and the dosage may be increased or decreased according to the size of the animal. The pigs are starved for twelve hours previous to giving the remedy. The medicine is thoroughly stirred in a small amount of ground feed and the dose repeated in ten days.

CHICKEN CHATTER.

About the quickest way of creating a generation of weaklings is to breed from parents that at some time in their lives suffered from a contagious disease. A bit of powdered charcoal beats most of the so called "bowel remedies" that are on the market. Lice, heat and too much food make the June chick's life a short and painful experience. When you "don't understand" what is the matter" with the chicks just try changing their runs. Many times the very earth where they are is foul and full of disease germs. Don't forget to give the poultry an extra allowance of water on this warm weather. They may be able to pick up a good share of their living now, but they cannot pump water.

Banish the Rooster.

The rooster does not increase the egg production of hens in the same flock, and he may decrease it. Kill him, pen him up or sell him when the breeding season is over and produce infertile eggs. Blood rings are the cause of one-third of the annual egg loss, and the rooster is directly responsible. Blood rings are simply an early stage of chick development.

Proper Way to Carry a Hen.

The proper way to carry a fowl is to place it under the arm, the head pointing to the rear and the feet held firmly by the hand. In this way the bird can be carried for miles without the least discomfort to it or the person carrying it.

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DEHORNING CALVES.

Growth of Horns Can Easily Be Prevented by Proper Treatment. (Prepared by United States Department of Agriculture.)

In the average dairy it is better that cows be without horns, as the danger of their hooking one another is thus prevented. Only in pure bred herds, where the appearance of the herd is considered important from a show or sale point of view, is there any justification for allowing horns to grow. It is much easier to prevent the growth of horns than to remove them.

The points that ultimately will develop into horns can be felt as small buttons embedded in the skin. The prevention is most effective if the treatment is applied when the buttons are just large enough to be felt, which is usually between the third and the seventh days.

To prevent their development the hair should be removed from the horn buttons. A stick of caustic potash or soda, wrapped in paper to protect the hands of the operator, is then moistened with water and rubbed on each horn button two or three times, allowing the caustic to dry after each application. Care should be taken to apply the caustic, which should not be too moist, to the buttons only, for if it touches the surrounding skin it will cause unnecessary pain. Immediately after the application the calf also should be protected from rain, in order to prevent the caustic from spreading.

If the operation is carefully performed the horns will make no growth. If scurs or horn growths appear it is an indication that the caustic was not properly applied.

Mineral Mixture For Hogs.

Mineral matter kept before hogs at all times reduces their desire to root. No mixture is better than the following: Air slaked lime, two pounds; slaked coal, 100 pounds; salt, two pounds; epsom salts, one pound; copras, two pounds. The last is dissolved in boiling water and poured over the other articles after they have been well mixed.

Mulching celery is thoroughly practical. Four or five inches of fresh horse manure applied soon after the plants have been set will conserve the soil moisture and prevent weed growth and feed the plants. The mulching system is a success where other plans fail.

Farm Grants.

The Government needs farmers as well as well as Fighters. Two million three hundred thousand Acres of Oregon and California Railroad Co. Grant Lands. Title vested in United States. To be opened for homesteads and sale. Containing some of the best land left in United States. Large Copyrighted Map, showing land by sections and description of the soil, climate, rainfall, elevations, temperature, etc., by counties. Postpaid One Dollar. Grant Lands Locating Co. Box 610, Portland, Oregon. Jan 27 3m.

REWARD

\$500.00 Reward for information leading to the arrest and conviction of person or persons who murdered Joseph Strack at or near his cabin, 2 miles northeast of Sandy on the night of December 17th, 1916. W. F. Strack.

Notice to Creditors.

In the County Court of the State of Oregon for the County of Clackamas. In the matter of the estate of Ezra C. Truman, deceased.

Notice is hereby given that the Honorable H. S. Anderson, County Judge of Clackamas County, Oregon, did on the 16th day of June, 1917 appoint Eliza J. Truman, executrix of the Last Will and Testament of the said Ezra C. Truman, deceased, and notice is hereby given to the creditors of, and all persons having claims against said deceased, Ezra C. Truman, to present them, verified as required by law, to C. D. Purcell, Attorney, Sandy, Oregon within six months after the first publication of this notice.

Signed Eliza J. Truman, executrix of the Last Will and Testament of Ezra C. Truman, deceased.

C. D. Purcell, Attorney for the Executrix. First publication June 21st, 1917. Last publication, July 19th, 1917.

IN THE COUNTY COURT OF THE STATE OF OREGON FOR THE COUNTY OF CLACKAMAS.

In the matter of the estate of Michael McCormick, Deceased. Notice for hearing Final Account.

NOTICE IS HEREBY GIVEN that the undersigned, as the administrator of the Estate of Michael McCormick, Deceased, has filed his final account in the County Court of the State of Oregon for Clackamas County, and that on Saturday the 23rd day of July, 1917, at the hour of 9:30 o'clock, in the forenoon of the said day has been fixed as the time, and the Court Room of the County Court of Clackamas County, State of Oregon, in Oregon City, Oregon, has been fixed for the place for the hearing of objections to said Final Account, and settling and allowing the same.

M. A. DEATON, Admr. J. HENNESSY MURPHY, Attorney for Administrator.

Date of first publication, June 23 1917 Date of last publication, July 2 6th, 1917

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