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## THE HEN AND HER EGGS HOW STOCK IS HANDLED

HOW TO TELL A PROFITABLE HEN FOR LAYING.

Feathers and Egg Producing-How to Obtain High Egg Production-When Eggs Are Worth More-Green Food for Poultry.

(Contributed by Ontario Department of Agriculture, Toronto.)

A hen will not lay if not in good condition. She should be healthy free from any disease, and show plenty of vigor and activity. The first pullet to lay in the fall is the early maturing one. The hen which is a slow growers, is slow in feather ing out, is also a slow layer. The Moult Is Important.

As soon as a hen goes into a moult she uses her feed to manufacture feathers, and her egg production falls generally to a minimum of nothing It is easily noticed that some hens go into a moult much earlier than others. If a hen starts to moult in July her laying for the summer is about over. So we say that late moulting and heavy egg production go together, because it gives the her a longer summer period and still she is back in form in time for winter production. So says Prof. W. R. Graham, Ontario Agricultural College. Laying Hen and Her Plumage.

How to Know a Laying Hen.

The question is often asked, "Can you tell whether or not a hen is laying?" This is very easy, and requires but a few observations. When Handling Butcher Cattle. turition in a cow.

vent becomes large and moist, and down.) after two or three eggs have been | The gate is unlocked and the stock laid the ring of yellow pigment has released to the commission firm, after disappeared and the vent is bleached. it accepts the count and signs a slip

The requirements for high egg production, says Prof. W. R. Graham, of the Ontario Agricultural College, are clean, dry, comfortable houses. that are free from direct draughts 4 p.m., and no trading is done before lighted. The feeding consists of a provided by the rules of the Live scoop out center to bottom leaving variety of grains, green feed, animal feed, grit and shell, which is clean, sweet and wholesome, and is given to the birds regularly and in such quantities that they have all they want to eat before going to roost at material is clean and abundant; that work and is interested in the same; laying ancestors, and that they are hatched at the proper season and

When Eggs Are Worth Most.

egg production is interesting and important from the point of the annual returns from the birds. Egg prices rise and fall with the seasons and usually the greatest profit is made where eggs are produced at a season or seasons of the year when prices are high. Pullets are the chief source of egg supply. They require usually from six to seven months in which to mature. It is, therefore, possible; to regulate their production in the fall months at least to some extent by regulating the time they will hatch in the spring. The main source of eggs produced during October and November is the March hatched pullet. By December the May hatched pullets are out for a reputation.

Green Feed for Poultry.

Now that the poultry are off the range and no longer benefit the picking of fresh green feed at liberty, a substitute should be provided. Mangels, kale, cabbage and sprouted oats do very well to supply in part the very necessary vitamines A and D, so essential to proper nutrition. A little attention to a seemingly unimportant point frequently means the difference between success and failure with breeding stock. At the Ontario Agricultural College Poultry Department a liberal allowance o green feed or roughage containing the vital elements is always available to the stock .- L. Stevenson, Dept. o Extension. O. A. College, Guelph.

When Horse Is Overcome by Heat. A horse that previously has been overcome with heat may fail to sweat in hot weather and be subject to recurrence of the attack. If sweating can be caused danger may be offset. Brisk massage of the skin helps, and blanketing may be tried. When a chill occurs a strong liniment rubbed in from ear to ear stimulates sweating and circulation of blood. It should not be applied before putting on a blanket. Some have had good results from copious drenches of warm tea containing ginger essence or tincture or the powdered root.

The farmer who keeps plenty of stock is the man whose crops will stand a drought the best. It takes a dry year to show the benefits derived from liberal applications of

old-fashioned commode with casters on the legs makes a wheel tray that comes in handy in the kitchen and dining-room.

PRACTICES WHICH ARE FOL-LOWED AT THE STOCK YARDS.

Not Necessary for Owner to Be Present-Humane Society on Guard-Animals Are Sorted According to Basis.

(Contributed by Ontario Department of Agriculture, Toronto.)

It is not feasible to cite all the deviations the stock takes going through the yard, but it is possible to give the reader some idea of the regular channels of movement.

Stock yards are built on a definite plan of small and large pens to efficiently fill the various requirements pitcher of plain lemonade. and each class of stock is allotted & certain section of the yard.

On arrival of stock at the yards it zest to it. is immediately unloaded into the unloading pens and the pens are locked company. These pens are divided into sections so that the different classes of live stock can be kept separated in cases of mixed carloads. color as ell as flavor the liquid. Usually all the cars of the train-load are unloaded into these pens before the distribution of stock to the various pens for sale or feeding. During this operation there is a member of the Humane Society present, whose If a hen is laying heavily the duty it is to see that the live stock plumage will become dry, hard and has been properly loaded, cared for tomato sauce are the proper things to brittle. The lustre will disappear in transit and that it is handled ju- serve with lamb chops? and the feathers become broken. The diciously about the yards, also to hen certainly loses much of her nat direct the care of dead and crippled ural beauty, but she cannot retain animals. It is not absolutely necesthat bright lustre and also keep up sary for the owners of the stock to have a liquid yolk and solid white? heavy production. Watch for the old be present as their interests are looklady with the full array of feathers ed after by employes of the stock all in good form, and see if she is yards company. Each class of stock the yards. It is not necessary to fol- hard. low a carload of each class of stock through, so will confine this report to a carload of butcher cattle.

a hen commences laying the condi- When the cattle leave the unloading tions set up in the reproductive or pens they are counted and this must taste of the meat? gans are very similar to conditions check with the railroad shipping bill. in any pregnant animal. Preparation They are then moved and locked in a is made for laying, much as for par- pen in the alleys of the commission When the ovary is dormant and and water are available. (It may be no eggs are being produced the dis- stated here that most cattle are fed tance between the pelvic bones is and watered as in order to receive a very small. The vent is dry, small, good price it is necessary that they puckered, and in yellow-fleshed chick- have a good fill to appear at their ens has a decided band of yellow best at time of sale. If not, the buypigment around the inside. When ers take advantage of this and cut laying commences the pelvic bones the price, so a number of shippers become pliable and spread apart. The try to reach the market a day predistance may increase from one to vious to selling in order that the catthree fingers in a short time. The tle may have a good fill and quiet

How to Obtain High Egg Production. to that effect; it is responsible now for any stealing or mixing of stock. Before the market opens the stock is sorted according to grade. The market opens at 9 a.m. and closes at Stock Exchange.

When the market opens the buyers enter the pens, look over the stock dividuals, according to grade. The night; that the supply of drinking price offered depends on trade conditions, and supply and demand us- low to freeze hard. the attendant is regular in his or her | ually establish it. When the salesman is satisfied that he has the highthat the birds are bred from good est possible bid he completes the sale, over until the next day. Each party platter. well reared, and are free from dis- keeps his own records and a final settlement is effected later when the day's bargaining is over. It is a credit to the market personnel that iron spoon over hot coals, forms an - A study of the distribution of the such a huge business can be carried exceedingly strong cement for mendon in this manner without the scratch of a pen to an agreement and with very rare disagreement later as to the prices and terms of sale. Sorted According to Grade.

by employes of the commission firm, sorted and weighed into lots, according to the grade and price paid. A weigh ticket is made out and stamped by employes of the stock yards company showing the weight, owner, commission firm making the sale, purchaser, and agreed price. The stock is now out of the shippers' hands and driven and locked into pens, according to the same grouping as weighed. Export cattle are kept separate, of course, to comply with the quarantine regulations.

Cattle that are billed through and stop off to be fed and watered are looked after by the stock yards company. They are unloaded and driven and locked into pens, fed and watered, and then reloaded to continue

their journey. Calves and sheep are handled much the same as the other classes of live stock. While in the unloading pens the calves are inspected by a representative of the Markets' Branch for bobs or suspected calves, and the doubtful ones are ear tagged and receive final inspection when slaughtered on the rail. Co-operative shipments, of course, necessitate the marking of the animals so there can be pro rated settlement. This is best done by ear tagging the calves and the use of paint colors for the sheep and lambs.

pens they are counted and checked the same as the other stock. They are taken directly to the scales and weighed, then locked into pens and either fed and watered or not, according to instruction from the owner. Most hogs here are sold on the "weighed off car" basis. They are graded by the Government graders before selling, and a grading sheet accompanies each lot. The selling is much the same as for the cattle and the stock yards company demands that all gates be locked when under their care, and a slip signed

when released. On hogs shipped co-operatively the selling weights are deducted from the home weight and the shrink pro rated to each animal. Each lot must bear a distinguishing mark so that grading sheet. The scissors make the best mark by cutting the hair in various designs .- A. Leitch, Dept. of Economics, O. A. College.

### HOUSEHOLD HINTS

There are few people indeed, in this world of ours who have never tasted lemonade. But as most of us can testify, there are "lemonades AND lemonades." And, sometimes we get tired Grade and Payment Made on This of the sameness in the taste. It is hard, we know, for the maker to change the drink each time, but perhaps a few suggestions for varying the popular thirst quencher will not

> "Pepping Up" Lemonade

One of the quickest ways of giving a new delightful flavor is to put a few drops of essence of peppermint into a

Pineapple, peach, current, strawberry raspberry, cherry or orange juice adds

Ginger ale, grape juice or charged by the employes of the stock yards water makes a sparkling drink of the prosaic glassful.

Grenadine or creme de menthe will

DO YOU KNOW

That-creamed potatoes, peas, and

That-A "four minute egg" boiled will

To be most digestible an egg should not one of the boarders in your flock. from here goes to its own section in be cooked slowly and not boiled until

> That-The cut end of a clove of garlic rubbed over lamb before it is roasted will not be noted as garlic but as quality in the

> > That-

It is easier to boil potatoes in the firm to whom consigned, where feed skins and peel them forward for mashing or creaming because then the skin will slip off?

RECIPES

Maryland Ice 2 Quarts of strawberries 2 pounds of granulated sugar 1/2 cup of chopped nuts

1 pint of cream. 1 teaspoon of vanilla

1/2 cup of chopped nuts. Mash berries with granulated sugar and let stand for one hour; strain through a cloth. Add an equal measure of water to the juice. Pack in freezer and begin to freeze. Remove dasher and pack ice quite solid. Let over the birds, and that are well- or after these hours under penalty stand for twenty minutes. Open and

> a portion around all sides. Mix cream, powdered sugar, and vaand make their bids for the whole nilla, when ice cold, beat until stiff and pen if they are of even quality or in- dry; stir in nuts. Pour mixture into cavity in the freezer; set away and al-

When ready to serve, remove tin and wrap a warm cloth around it for just as it seldom pays to carry the stock a moment: Then turn contents out on

DO YOU KNOW

That-common alum, melted in an ing glass or china? That-

A bowl of vinegar and water placed beside the stove will prevent the smell The stock is driven to the scales of cooking from spreading through the

That-

Soaking in salt water before using will keep the bristles of a broom from breaking?

That-

When preparing Swiss steak the edge of a plate is the best thing to use to pound the flour into the meat? That-

Two tablespoons of butter to one cup of milk, scalded, will make a white

## Judging Competition At The Exhibition

Notes for Junior Farmers and Junior Women

With the approach of the C.N.E., we wish to draw attention to the Judging Competition for Junior Farmers and Junior Women, on Wednesday, September 7th, at 9 a. m. On Thursday, When hogs leave the unloading September 8th, the judging of roots and vegetables will be held at the same hour.

The usual entry fee of 50 cents will be charged, but this entitles you to compete in the competition for which good cash prizes are offered, free entrance to the grounds and grandstand privileges for the night's performance.

Entries should be sent to the local Dept. of Agriculture, Newmarket, Ont. not later than August 9th.

Plowing Competition

Owing to the bad weather last year the Junior Farmers were unable to have their annual plowing competition, but an effort will be made to organize A small table with a drawer or an each shipper receives the proper a little earlier this year; so try and arrange to enter. Classes are provided for amateurs as well as those who have plowed before.

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Numerous requests have been made to keep the school open during July and August to accommodate those who are unable to attend during the winter months. The school will remain open for two or three days each week and those intending to take advantage of our very low fees coupled with the most capable teachers are asked to call or write for particulars.

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