ESSENTIALS OF POULTLY HYCELE EAVY LOSS THROUGH NECLECT

BY L. STEVENSON, O.A.C.

but also to remove the invisible forms unthrifty, profitless or an easy vieof life, known as disease-producing tim to pathogenic bacteria. bacteria. Many poultry keepers con-sider the manure as so much lifeless should consist of the removal of marefuse, but the pathologist knows nure and refuse, the use of insectithat this is not true. In a state of cides to destroy the lice and mites health the bowel discharges from and the use of disinfectants to defeces that would adhere to the point well with a good disinfectant, dig

Choosing the Litter.

Hay chaff is a very common litter for chicks, but it is dusty. The dust is bad for the chicks

is not dusty, but the sharp pieces may cause eye trouble.

Otherwise it is good. Peat literary is used in some places with

fine chaff or dust just use the hot, fermenting manure in the centre leaves. Buckwheat hulls also or the pile and give the whole a thormake excellent litter; they are when the heap is beginning to steam, pecker, 11 or 12; chickadee, 7 or 8;

First Care of Chicks

Important. A broader of some sort it is ready for the frame the whole wren, 5 to 10; flick- he did to my first one. He began Wrighey prize recently won by a Canashould be ready and there should be mass will be fermenting evenly and er, 6 to 20; red-headed wodopecker, hammering away and cutting chips dian?" heat in it before the chicke arrive be thoroughly hat. A cord of manure 10 to 20; chickadee, 6 to 15; nut- and sawdust out of the nesting box from the hatchery—a temperature of will supply heat for four to six hatch 12 to 20; purple martin, 15 in order to get nesting material. As 100 degrees. This is gradually restandard 8x6-foot sash. The manure to 20. duced each week until it reaches should be packed into the frame from shout 85 degrees. The length of time 12 to 20 inches deep, according to the is our favorite. He is peppy, sings of the woodpecker home should be of it will take to reach this temperature severity of the weather and the kind all the time and adds a lot of life to rough, unplaned lumber—if it is wood

in some form should be in readiness. tuce, beets and cauliflower, can be at least three houses, as these birds be able to climb up to the entrance at Ottawa recommends sunflowers as veloping by breeding and selection a substitute for silage purposes. Even improved varieties of the tomato. An

What the Sun Will Do.

Sunlight helps thicken egg shells. The reasons are these: Egg shells are

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To dejormine more accurately the bers of the flock will carry the insurface in limits. Bear-

Large numbers of skin parasites, as The object of cleaning is not mere- lice, mites and ticks, will so lower ly to remove all visible forms of filth, the vitality of a bird that it becomes

I Get Hothed Materials Ready Early.

actually time to make the bed. One in the following paragraphs, which where they will wage a continual war screw holes. Do not use putty for this tive plan. eyes and makes the air impure who doesn't prepare in advance may should be your guide when you begin on insects. The common starch box with its sliding cover makes a danger have poor results or fail to start the work:

ter is used in some places with bulk of short straw or dry leaves and stock it up in a square, flat pile. If the manure itself contains considerable bedding the straw or leaves will be bedding the straw or leaves and be bedding the straw or leaves and below the straw or leaves will e the not be necessary. Put a quantity of 8 to 16; purple martin, 6. not dusty, are very absorbent fork it over, turning it "inside out," nuthatch, 7 or 8; purple martin, 11. a woodpecker, there is one important

heap should be forked over three or chickadee, 11/2; nuthatch, 11/2; purple the bottom of the cavity for nesting four times at intervals of a little less martin, 21/2. The first care the chicks receive is than a week so that by the time

first feed after the required 60 hours through the wood that is left in the apparently do not care what kind of eyes are sharp enough to locate some be done earlier than corn because the for earliness, with fine shape and axe. Make the hole large enough to lumber is selected, nor do they pay old woodpecker nests in dead limbs plant can stand a certain degree of quality of fruit. A feature of interaxe. Make the hole large enough to lumber is selected, nor do they pay old woodpecker nests in dead lumbs plant can stand a certain degree of quality of fruit. A feature of interparts. This will loosen it enough to shelter. Miniature log cabins, little Take a saw with you on the hike, from the Mammoth Russian variety, lety like Livingston Globe was crossparts. This will loosen it enough to shelter. Miniature log cabins, little Take a saw with you on the man, from the manimum mussian variety, nety like Livingston Globe was cross-be easily driven out. Some folks set chalets, cylindrical, rectangular and as the idea is to cut off the limbs con-which is well adapted to Eastern ed with Bonny Best a reduction in the metal in a bed of coals to char other shaped boxes seem to look alike taining these old nesting sites and Canada. It is seeded at the rate of the number of days from sowing the the metal in a bed of coals to char other shaped boxes seem to look alike taining these old nesting sites and the wood, but this draws the temper. to these birds, and you'll find that transplant them in your yard. Saw ten pounds per acre with a grain they are usually the first to occupy the limb containing the cavity into drill in rows 42 inches apart, the odd. One, a cross between Alacrity mainly lime. The hen secretes lime in the end in an oven to drive off all your boxes. her body only under stimulus of vitaming the end in an oven to drive off all your boxes.

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The nen secretes time in the end

To depending more accurately the affect of cleanfilmen, test pens were affect of cleanfilmen, test pens were assumed as a cortain experiment station. One pen was given the least possible care, pen was given and the pen was given and the suffering and the suffering the allghit purplish times, tread, by with a glass pen them in a cost pen was and water. Another pen was a pen to maintain the receiving maintain the complex of the pen that the bernels change to a pen the least possible care, pen the least possible care, pen was given and water. Another pen was a pen to maintain the receiving maintain the suffering of the maken the last possible care, which are pen was given and water. Another pen was given after our or to maintain the receiving maintain the least pen that a suffering of the maken the last possible care, which are pen was given the least possible care, pen the suffering of the maken the last pen that a light pen tha

Sometimes the blunter the statement the sharper the point.

A CORNER FOR YOUNG CANADA

I believe in getting ready for a How large and in what proportions all means try to attract one or more You are now ready to stop up all tables sturdy chairs, can be painted hethed several weeks before it is these nesting boxes should be is given pairs of bluebirds into your orchard, holes and splintered places, nail and in color to suit any taste or decorational war.

Entrance Above Floor, inches: House wren, 1 to 5; bluebird, 6;

To get the very best results the er, 21/2; red-headed woodpecker, 2; and leave two inches of sawdust in

depends upon season and weather.

of vegetables to be started. The our yard. If there is any chance to with the bark on so much the better ada where it is too cool to grow corn. Good progress is being made by A pan or drinking fountain of milk hardler things, such as cabbage, let.

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with its sliding cover makes a dange

and tramping it down as firmly as

Diameter of Entrance, inches: tung to keep in minu regarding the sure thouse wren, %, bluebird, 1½;, flick interior of the finished box. Be sure material. Otherwise Mr. Woodpecker

them. Nothing else should be given taken out to start such tender crops until the youngsters are at least 60 as tomatoes, peppers, eggplants and Thus two or three boxes are necesequals a natural cavity found in the land is a heavy clay, as on such soil of the later sorts possess. Selected sary to keep your birds satisfied. woods. Here's a little hide-and-go- they usually give a much larger yield strains produced from crosses of When feeding is started the allmash system may be followed. If When replacing axe handles, put
Use most any kind of material in play early in the spring. Take a hike land for sunflowers is practically the Globe, where used in combination, are When replacing axe handles, put use most any kind of material in play early in the spring. I am a man for sunlinewers is practically the close, where used in combination, are the axe in the vise and bore a hole making your wren boxes. The birds through the woods and see if your same as for corn. The seeding may showing highly desirable uniformity

senitary would have paid the labor as in the case of bacteria find their required to keep the pen clean many times. It represented a loss of \$132 pan by way of the feet trough or water on a pen that contained 100 birds at the beginning of the experiment, all tract on food or with drink.

Between produced the poorest hatching are very sweet. This is proving a have produced the poorest hatching to the feet trough or water very desirable table corn. The Report of the Dominion Horticulturist for the beginning of the experiment, all tract on food or with drink.

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Between the produced the poorest hatching are very sweet. This is proving a pan by way of the feet trough or water very desirable table corn. The Report of the Corn. The Report of the Report of the Corn. The Report of the R

METHODS I PLOYED. LET'S BUILD BIRD HOUSES. hinge part of the front so that you woman, first repair the pieces with protection from wear and cannot If you want to make friends with can take a peek at the young birds prepared give, brads and screws as easily be rubbed off. A breakfast set the birds and bring them close to during the nesting season. The first skilfully as you know how. Or in of four chairs and table painted in poultry contain an enormous number stroy bacteria. Scrape and sand the of organisms which are so small as roosts daily. Clean the house thorof organisms which are so small as roosts daily. Clean the house thorto be only visible under the high oughly once every three weeks.

of fun watching them build their were the simplest shellers that can have some near transform on it is not beards were used a flat top nailinch heards were used a flat top nailplying liquid paint or varnish retrimmed in robin's-egg blue is a color out your tool kit and construct some inch boards were used, a flat top nail- plying liquid paint or varnish refeces that would adhere to the point well with a good disinfectant, dig of a pin would contain millions of and lime the yard. A hen infected bacteria; such might be harmless internally or externally with paranesting boxes. By putting out a few ed to the box, a hole the size of a mover according to the printed direct combination that is very pleasing. bacteris; such might be harmless internally or externally with para-or dangerous. The diarrhoeal dis- sites will lose you money: better headed woodpecker, you can induce window. It was taken thoroughly dry, sand the entire sur-within a weak by a nair of wrens. face smooth with No. 1 sandbaper in almost every color— within a weak by a nair of wrens. face smooth with No. 1 sandbaper in almost every or Chinese or dangerous. The diarrhoeal dis-charges from sick birds may contain clean up or give up and cash in the disease-producing bacteria, and thus whole outfit before further loss over-disease-producing bacteria, and thus whole outfit before further loss overdisease-producing bacteria, and thus whole outfit before further loss over-become a serious menace to the other takes you. Neglected live stock is There are dozens of kinds of birds

Bluebirds make levely bird neighthat can be secured as tenants in your nesting boxes. Each species their song is pleasing, and they eat your nesting boxes. Each species their song is pleasing, and they eat painted surface lightly with No. 0

to hatch. It is also true that the hatching power of eggs in a day or two will vary, the cause of which at times is difficult to locate.

selection of the wrong color will spell to apply are the transfer designs. Printed instructions for applying are times is difficult to locate. nant note be livability, plus conveni- lowed to harden for at least twenty four hours, coat the entire surface of the work and the designs with one or As to the methods to be employed more coats of white transparent varprefers a box most nearly approxino fruit. A more helpful bird to sandpaper. This is done to remove tables in gray, red or mulberry are

won it. I'm great on the shimmy."

Sunflowers for Silage.

Identifying the Bedroom Curtains.

I made the glass curtains for all the sleeping rooms of the same material, but the windows of each room are of different sizes, so I marked the curtains with colored floss, a few tiny stitches in a corner on the inside of the hem-a different color for each room. This simplifies matters when it comes time to launder the curtains, for with the colored marks I can quickly sort out the various pairs and know He "I suppose you read about that where they belong, without going through the tiresome Dumb Dora-"I'll bet I could have process of measuring them to tell which is which.—Mrs. W.

Lacking milk, water must be prostarted first and there will be usually rape a nabit of starting housekeeping in one box, where they make a dummy laken out to start such tender crops in one box, where they make a dummy rest, and then moving on to another. Thus two or three hoves are easily aguals a natural cavity found in the land is a heavy clay as on such soil of the lan light, unstrained by window glass, countersink it. When the wood again a hinged top, if you can find a small can hinge the two parts together. How many times have you missed and symetrical form of Bonny Best. assure an abundant supply of vitamin D.

countersink it. When the wood again a hinged top, if you can find a small can hinge the two parts together making an entry in the new diary together wou received the first of the your?

The quality of the fruit is said to be the countersink it. When the wood again a hinged top, if you can find a small can hinge the two parts together making an entry in the new diary to the fruit is said to be the countersink it. When the wood again a hinged top, if you can find a small can hinge the two parts together making an entry in the new diary to the fruit is said to be the countersink it. When the wood again a hinged top, if you can find a small can hinge the two parts together making an entry in the new diary to the fruit is said to be the countersink it. you received the first of the year? superior to Alacrity, being less acid.

MUTT AND JEFF-By Bud Fisher.



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Sold by all dr Warner's Sa

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Mme. Beatri Nerves com vigorous. The twe-year passed through be

> scribed by Mme. I of 22 Rose St., Ot "What I endure not be told," she s I could hardly wall poor and my stom on fainting spells. "My nerves w shattered that I hand trembled so hold the pen to wri too nervous to lie moments. Even r came too much for 'I tried all kin those two years, bu Tanlac gave me my

built me up so that eat and sleep fine a