Our Poultry Corner

If you have some things you do not understand in connection with your poultry and want some information, state your case briefly and to the point, writing on one side of paper only, and address it to THE MONITOR PUBLISHING COMPANY LIMITED, we will submit it to Prof. Lendry, and when his answers are received we will publish them withholding your name it you so

KEEP ONLY PRODUCERS

than a flock twice the size that does grain alone. not receive sufficient attention. If the In feeding milk some care should be history is in a general way similar to layers. Plenty of constitution is re- chance for a share. quired and they should show some life. To the average person choosing a good bird is a more difficult task than the selection of other farm animals.

first step toward establishing the type cept for the feed. should be put in the fattening crate the first six month.

are last to moult are considered to be the heaviest yearly producers.

The test where the ration containin the legs is reduced by heavy laying. the white-faced birds the wattles

not look as fresh as the medium profirst to leave it in the morning.

Show qualities and heavy laying are difficult to combine in the one bird. The poultryman who makes a practice of following the shows selects and and issue pedigrees for the birds. Re to a gailon of water.

MILK FOR POULTRY

If there has been one thing definiterapid growth in young stock. This preparation. element of the food can be supplied

keep the egg basket full.

Milk may be termed a forcing food, and is especially valuable for growing from vermin.—Mrs. J. Martin. pullets. If the most is to be made out that she will not lay until spring, the cattle produced.

| When the chicks are hatched in March and April, and milk is kept before Scotia probably number a dozen spe-With the price of feed advancing it them, no difficulty will be experienced cies, belonging to the general Yylina, becomes more necessary than ever to in getting them to laying maturity be- Calocampa and Scoplesoma. The life keep only productive birds in the fore cold weather. Experiments have history and damage done by each speflocks. A few good pullets or yearling shown that the April hatched pullet, cies is very similar. On species, hens properly housed and carefully fed a milk diet, will lay as soon as the Yylina Bethunci G. and R. is the most fed oftentimes give greater net returns one hatched in February and fed on common, far outnumbering all of the

poultryman has accommodation for exercised. If sour milk is fed it that of all species of fruit worms so 200 laying hens he should endeavor to should be fed all the time. It will not do far studied in Nova Scotia. fill the pen with birds that qualify to to feed sweet milk today and buttera certain standard. This will necessi- milk tomorrow, as the change from tate hatching many more chicks than one to the other will upset the fowl's The adult moth emerges in Septemwill be required. There is bound to be digestion and bowel trouble will result. ber and early October, flies until wina certain percentage of pullets that The milk can be fed alone or used to ter, hibernates under rubbish in old give no indication of being profit moisten the mash. Perhaps the latter fences, grass, etc., and is one of the producers. They should be placed in method is to be preferred, since it first moths to be found on the wing in the fattening crate. They may make can be fed without danger of waste, the spring, usually being found flying good roasters if they don't qualify as and all the fowls have an equal early in April. About one month after

FEED WELL AND WISELY

narrow head, or crooked breast bone yolks for each white laid 379 eggs in to show pink. For the first three orchards 8 per cent of the picked fruit rather than in the laying pen. As the The test with a narrow ration con-

entirely disposed of. The birds which without minerals to produce the shell.

do an enormous amount of damage in on the wing for one and one half

the white-taced birds the watties
lose their pure white color. Too often
it is the birds with the brightest colored legs or the whitest wattles that are
selected, when in reality they may be
the very ones that have been taking
care of themselves. It appears reason—

The following ration is fairly well
balanced for egg production: One
hundred and fifty pounds each of
hundred and cracked wheat, 20
cracked corn and cracked wheat, 20
pounds each of wheat bran, middlings,
the very ones that have been taking
corn meal, ground oats, and gluten

Corners Breakfully

The pupa is formed in a very thin
silken web, one or two inches below
the surface of the earth. The pupal
stage lasts about two months, the
first adults emerging about Sept. 15. care of themselves. It appears reason—meal, 30 pounds beef scraps five able that the heaviest laying birds can pounds each of alfafa meal and old

the layers. A rule followed by some farm a very simple ration is made of poultrymen is to select the birds that equal parts cracked corn and crackare last to go to roost at night and ed wheat and a dish of heef scraps to which they can help themselves.

DISINFECTANTS FOR POULTRY

Fresh air and sunlight are wonderwith poultry as it is with the larger to use against mites is made as folish white with white markings. classes of live stock. The non-produc- lows: Dissolve one pound and a half ers in the flock keep down the average of concentrated lye in as small a The Experiment Stations are com- fluid is a clear dark brown. Use two damaged cannot be determined.

tensely the birds are bred for egg quantities are simply given as an in- in proportion to the amount of surface that season. production the less likely are they to dication of the proportions of the difshow fine feathers. It is for eggs and ferent ingredients. Each person can into, for each meal. In cases where the not feathers that most farm flocks are make up just whatever amount he ruit worm eats through the outer pulp on hand.

those who regard the preparation of heals out to form a somewhat regular markets and leave other markets bare. is that animal protein in some form is the mixture as too much work may roughened area with very little or no It is the only method whereby our essential to the best egg yield and properties are good strong solution of coal tar malformation. It has been found by apples can be placed in right quanti-

by feeding either skim milk or butter- I have solved the marketing question spring drop, as a result of the injury; It is the only method whereby new milk. On most farms where cows are by bringing the market to my door. so, roughly speaking, for every three markets can be developed to the profit kept the buttermilk or skim milk goes When my chickens reached the proper apples found in picked fruit showing of the grower instead of the operator size I advertised in the daily paper, fruit worm injury, seven have already or speculator. While milk is certainly an excellent which brought customers right to my dropped to the ground as a result of It is the only method whereby the food for hogs, my experience is that it door. Now I buy up young chicks of the injury. On the picked fruit which grower can have his apples marketed will yield a larger profit when fed to my neighbors, put them in a large was No 1 and 2 in size, and showed no at a fair cost. the hens and growing chicks. The shady pen, feed plenty of grain and defect excepting fruit worm injury, 78 It is the only method whereby the the hens and growing chicks. The green stuff, and keep fresh water benefity, but will do their very best to keep the egg baset full.

It is the only method whereby the grower can be into direct touch with culls, in an observation conducted to determine the actual injury.

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The Orchard

FRUIT WORMS OR APPLE WORMS IN NOVA SCOTIA

By G. E. Sanders, Field Officer in charge of Dominion Entomological Laboratory, Annapolis Royal, N. S.)

The Fruit Worms present in Nova other species combined, and its life

its emergence in the spring it begins depositing its eggs on the apple. The eggs are deposited singly, about one inch back from the tip, on the under The need of feeding hens a well- side of the outer limbs of the apple. The poultryman who picks pullets with balanced ration is shown by Missouri The period of egg deposition covers the a good head, alert eyes, with face and experiments. Four pens containing five month of May. Eighteen days after wattles of fine texture, has taken the hens each were treated just alike, exthat generally are the best layers. The test with a wide ration contain-Birds with dull appearance, long ing elements which would produce 3 the time the Gravenstein buds begin worms, while in the most exposed

winter advances further culling may taining elements which would produce leaves and blossoms. At the beginning percentage of fruit worms varied be necessary in order to keep the 2 whites to each york, produced 269 The flock of yearling hens should also be culled in the fall when not equal yolk and white material, but entirely disposed of. The birds which

The following ration is fairly well not more of leaves than of fruit.

General Description

ly marked wth white the final gave no reduction in injury for the stage may be any color in X be- year in which it was applied, but gave thunci, the sixth stage larvae being a slight reduction the following year, breeds a somewhat different style of ful disinfectants at 1, combined with slatey gray. In the Calocampids the showing that it poisoned the fruit bird from the one bred for utility purbord from the one bred from th pupal stage.

Injury.

egg yield. The fewer of the unprofit—quantity of water as possible. It will able birds kept the greater the net re— be necessary to do this three or four first weeks of its existence feeds on lecting the larvae of Xylina bethuncing and the unprofitable hen. On the a five-gallon stone crock and pour During this period the damage to the common Tent Caterpillars, Malacofarm this system cannot conveni- in the lye very slowly stirring mean- leaves is negigible, but the damage soma disstria and M. americana, they ently be followed; other methods while. Keep on stirring until a to the blossoms quite extensive, as the gnaw their way in through the cocoon

> thinks he will require. It is well to or what is technically the receptacle always have a supply of disinfectant of the apple, and in to the core, serious | Co-operative marketing is the only malformation of the fruit usually re- method whereby the shipment of the The foregoing is offered as a most suits; in cases where the injury is produce of the farm can be so regueffective remedy against mites; but confined to the outer pulp, the injury lated as to not overcrowd certain apples eaten by fruit worms in the est prices.

Distribution in Nova Scotia

Although the numbers of fruit of poultry the pullets should be fully It is estimated that egg production worms vary slightly from year to year, matured and laying by October, when alone in Canada for 1915 was \$30,- they are on the whole, fairly constant the price of eggs is up. If the pullet is 000,000. This is two and a half times and evenly distributed in every locality not fully matured before the cold the value of the whole fruit crop of where apples are grown in Nova Scotia. weather sets in the probabilities are Canada, six times the value of all An observation carried on in one locality, with the idea of determining Minard's Liniment relieves Neuralgia. sections the waste is not very large lion dollars.

WHO IS

mother, of course! She is naturally particular to give her children only the purest of internal medicines, but she may not always know that a remedy applied to the skin enters the child's system, by absorption, just as surely as a medicine that is swallowed. This is a fact, and the mother should, therefore, use only the purest oint-ment obtainable.

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skin diseases, ringworm, bloodpoison, scalp sores, ulcers, boils, pimples, piles, burns, scalds, cuts, etc. All druggists or Zam-Buk Co., Toronto, 50c. box, 3 for \$1.25.

and begins to feed on the leaves. The orchard in the locality to have 8.2 per the third instar, the larva feeds on Further observations showed that the almost entirely and feeds on the fruit the orchard. This is no more than one one season. In all the larvae moult five months in the fall, and one month in to be the heaviest yearly producers, with the yellow-leg breeds it is not always those with the brightest legs that should be selected as layers. It is claimed that the coloring pigment in the legs is reduced by heavy laying. The test where the ration containment of the edge produced times and begin to pupate about July the spring before they deposit their 12; pupation continues until about August 5. For a week or so before pupation, the larvae revert to their in the exposed wind swept orchards, and most numerous in the sheltered and m orchards where they would blow in

it is eating the greatest amount of sur-In general the adults of the Fruit face in proportion to the amount of ducers. The busiest birds are often For hens having free range of the Worms are strong flying, somewhat food consumed. Actual experiment ed wheat, and a dish of beef scraps to eggs are conical, ribbed vertically, with the blossoms, and one immediately larvae are for the most part green in per cent. The spray applied from ten the earlier stages, sometimes faint- days to two weeks after the blossoms

Carnivorous Habits

turns from poultry raising. Trap hours before it is required, as the leaves and blossoms, eating propor- in the field, it was found that the fifth nests are the most reliable method of lye should be cold when used. Put tionately more surface for a meal than and sixth stage larvae ordinarily distinguishing between the profitable three quarts of raw linseed oil into later when it is feeding on the fruit. when they find the cocoons of the must be resorted to. The flock smooth liquid soap is produced then young larvae have been observed eat- and feed on the pupa contained. In can be greatly improved through the gradually add two gallons of crude ing the pistils, stamens and corolla, but male bird. The utility flock should be carbolic acid or commercial creosel, owing to the number of false blossoms cocoons collected on apple, on July 12 headed by a male bird of laying stock. stirring constantly until the resulting always present the actual percentage and 13, were found to be destroyed by X. bethunci. In 1914 the cold season mencing to keep records of the fowls or three tablespoonfuls of the mixture When the apples are a little thicker retarded the Tent Caterpillars more than a lead pencil the third stage than the Fruit Worms, which pupated sults have proven that breeding counts It will be realized that the quanti- larvae begin feeding on them, eating at about the same time as the Tent for a great deal in improving the lay- ties given here will make a very small regular holes in the sides, con- caferpillar, so only 5.99 per cent of ing qualities. However, the more in- large amount of disinfectant. These suming a large quantity of inner pulp the tents were destroyed by them in

actual count that 72 per cent of the ties on the market to realize the high-

grower can get into direct touch with

the really big buyers, the buyers who will take whole cargoes. It is the only method whereby large combines and organizations can be effectually dealt with.-A. E. Adams.

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WASTE OF WEEDS

not the rule, the waste is said to ap- lowering the value of land. proximate \$40,000,000 per year. What the wast is in Colorado cannot be accurately estimated, but it is undoubt- tals 7,300,000 bushels from forty

because of the clean culture needed for certain crops. In sections where According to the United States De- grain crops are very popular the waste

waste due to weeds is estimated at | The principal ways in which weeds \$300,000,000 for the whole United affect farming are through direct States. In certain states where diver- damage to the crop, cutting down sified farming is the exception and the yield, cheapening the product, and

The New Brunswick potato crop toedly true that considerable waste thousand acres. This will total at occurs. In the intensively cultivated present market selling prices six mil-

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