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 PUB-LISHING COMPANY LIMITED, we will submit it to Prof. Landry, and when his answers are received we will publish them withholding your name if you so

disease. He has frequently observed

most liable to be affected were those

that had been specially "well fed"

poults out on range to rustle for

BLACK HEAD IN TURKEYS | poults has a great deal to do with this

(By George Robertson in Canadian that the flocks of poults that were

Reference has been made from from the start. The more heavily fed time to time in the Poultry Depart- they are the more liable to be badly ment of this paper to turkey troubles effected they appear to be. When in but during the past few weeks so conversation on this subject, one of many letters have been received, our leading turkey breeders said: "I somewhat like the following, that the find that the sooner I can get the subject is again referred to:

"Can you tell me what to do to themselves the less I am troubled save my turkeys, I have a fine flock with Black Head." of poults, did not lose any until a few days ago, but they are dying off now THE WHITE PLAGUE OF POULTRY three a day. They appear to be in It is safe to say that at the present good health up to within a day of time there is no disease of poultry dying and sometimes they never ap- which causes in the aggregate any- three or four days. But generally the pear sick at all. I have given them thing like the total loss that roup does symptoms last for months. When the the best of care and I don't want to in the northern part of the United eye-lids become swollen and tumors lose them. I fed them hard boiled States, Roup is widely, indeed almost appear the case is usually chronic. eggs and bread crumbs and all the universally, distributed. Every one Affected birds may be better for a few cracked corn and wheat they would who keeps poultry long enough is sure days or weeks, and then become very eat, as well as sour milk. I opened sooner or later to have experience weak again. Damp, cold weather one this morning and noticed that the with one form or another of the dis-usually intensifies the disease. liver was all spotted. Would that be ease. Its germs are probably carried the cause of the trouble? What is it not only by poultry but also by var- SECRETS OF POULTRY SUCCESS and what should I do?" ious wild birds especially the English

Hepatitis more commonly known as Agricultural Station have had op- raising lies first in getting pure-bred Black Head. Unfortunately experts portunity not only to observe this fowls of a known winter-laying strain can be of little assistance to the dread disease in all its forms, but also and breed. The Light Brahmma has novice in the matter. Investigational to gain a very good idea of its preval- grown to be the best breed in this rework has been carried on for upwards ence through corespondence received spect around here, and every farmer of 25 years at some of the Experi- at the station. The best cure of this who has tried it would have no other. ment Stations, but as yet nothing de- disease is prevention. In order that To me it has proved to be the best I finite has been settled.

and who has probably given more the name of roup. to the idea that it is an infectious tarrhal symptoms are present; and each other or stealing each other's disease, which may be transmitted (b) diptheretic roup and canker, when nests. fected soil. It is a disease of capti- but there is more fever, dullness, and by the higher cost of production, vity, of management. The chief cause prostration. The head is often very For example, in my own case I

in the drinking water with beneficial eyeballs. The eyelids are swoolen, and ajar day and night. results. In this connection he says: are closed much of the time. They may The only commercial feed which I spread very fast. It is certainly one "I was first prompted to use this acid be glued together by the accumulated have bought for this flock is one sack of the most serious pests in the Annaas I found the contents of the diges- secretion. The birds sneeze and shake of bran and 100 pounds of ovster polis Valley, in fact, where it once pear resembles that of apple, except tive track in turkeys dead of Entero their heads in their efforts to free the shells. Besides this they have always Hepatitis or Black Head to be more air passages from the thick mucus. had a hopper full of ground oats bealkaline in reaction than is usually The appetite is diminished, and the fore them. I have given them one of damage done or in the difficulty of young pears does not often result in

in a quart of drinking water. This pearance of depression and illness. certainly cheers poultry men up to surprising and can only be attributed however, very conspicuous, it being acidulated water should be placed in When the inflammation reaches the hear those chickens sing on a cold to the very elusive habits of the ina porcelain or glass vessel and is spaces or sacs beneath the eyes it winter morning. As for drink, I give suggested in the hope that the birds causes the formation of a secretion them water in the morning and slop Food Plants. As far as we have demay be carried over an acute attack. very similar to that of the nose and from the kitchen in the afternoon. termined, the insect breeds only on the At the outset, when the birds show as this becomes thick it collects, dis- A. A. G. evidence of being severely affected it tends the walls of these spaces, and may be of advantage to triple the produce a warm and painful swelling BREAKING UP BROODY HENS amount of acid (using three teaspoon- which is seen just below the eve and fuls to the quart of water) for the may reach the size of a hickory nut. A hen is one of the most jealous the young insects have been observed or pears. Plums injured by the bugs first three days. This amount will This swelling presses with much force creatures, and if placed in a wire- to feed on various plants growing on do not usually become scarred and not injure the turkeys and may assist on the eyeball, which is displaced and sided coop where she can see the rest the ground but when it reached the twisted as in the case of apples and them in more rapidly overcoming the more or less deformed, and in ex- of the flock ranging about the yard winged state it always seeks the pears, though they may sometimes

They should be confined during head may give away before it. They should be confined during head may give away before it.

They should be confined during head may give away before it.

Life History. The eggs, which are calling his mates to partake of a latter was chained to his gun for two hours every day for striking his suwell lighted and well ventilated badly affected birds from finding choice morsel of food, and if plenty laid beneath the bark of the twigs, the case of stone fruits this injury is quarters and allowed access to no food; the accumulation of mucus in of food and water are supplied she begin to hatch a few days before the marked by the exudation of colorless perior officer. other liquid. If allowed to roam they the nostrils completely obstructs these eats often, thereby keeping her body drinker. Whisky makes a man noisy may obtain sufficient water for their passages, so that the beak must be built up so she goes to laying again emergence coincides with the opening puncture, sometimes forming a glorequirements from the dew-laden kept open in order to breathe: the in a short time. grass or other sources, and therefore obstruction of the windpipe and the The plan followed here at the exwill not drink the accidulated water. smaller air tubes causes loud breath- periment station is to place the hen in From 31 to 34 days elapse from the If confined green food should be sup- ing sounds and difficult respiration. this kind of coop on the day after she time the insect hatches until it gets SUSCEPTIBILITY OF VARIETIES. more than the whiskey drinker when plied in addition to the grain ration. In the severe and advanced cases remains on the nest and does not lay; its wings. Soon after hatching the

flock is not brought about by avoiding to eat; their strength is rapidly ex- left in the coop she is given all the after a month has passed. the parasites, for that is impossible. hausted and many of them die with- feed and water she wants. About Habits of Young Insects. The Greening. There is a tendency in an The Panama Canal is again blocked It is not accomplished by giving doses in a week or ten days. A part of the 4000 hens are treated in this way young bugs are very active and when orchard for the insect to spread from by a slide, about 200 feet in length. It of intestinal antiseptics to kill the affected individuals recover, but others each summer at this place. The re- disturbed run rapidly, hiding in the the more susceptible to the less sus- is a serious handicap to shipping, as parasites in the intestinal canal, for continue weak and have a chronic cords show that hens broken in this axils of the leaves or any place that ceptible varieties. that is probably a hopeless task. The form of the disease for months, dur- way begin laying again as follows: affords concealment. When suddenly The Bartlett pear is more subject to and 10 on the Atlantic side. The the parasites are restricted in their seminate the contagion. development and so that the "normal This disease is distinguished from was 10 days in March 8 days in April, before reaching the ground. When ish Beauty are also affected. antagonistics factors"—can operate diptheria by the abence of the thick to advantage. It is safe to say that tough and very adherent newly form—there were more broody here in June sprays, etc., they may reascend the CONDITIONS FAVORING INCREASE G. E. BANKS to advantage. It is safe to say that tough and very adherent newly form- There were more broody hens in June sprays, etc., they may reascend the when we know how to feed turkeys ed membranes (false membranes) in than in April but for practical pur- tree or they may feed on the herbage As a result of our observations

to believe that the feeding of the charge from the nose may stop in souri.

you are suffering, will not heal? It is because it is so deeply rooted that ordinary ointments are incapable of penetrating to the seat of

Zam-Buk, on the contrary, is so refined that it is capable of reaching the underlying tissues, and that is why so many -ses of skin trouble, which have defied a' other treatments, have yielded to Zam-

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The trouble is undoubtedly Entero- sparrow. The biologists of the Maine The secret of success in poultry prevention may be intelligently car- have ever heard of or tried.

author of Bulletin No. 17, Entero thing about the causes of the disease is to get an incubator and hatch early Hepatitis or Black Head in Turkeys, conditions which together go under as the early hatched birds is the best study to this disease than anyone else. There are to be distinguished two only means which will hatch the eggs in Canada, does not make any positive diseases belonging to this general on time. It is also less trouble to care statement as to how the disease is class of troubles, as follows: (a) Roup for an incubator than for a dozen or spread, but in his writings he leans or contagious catarrh, when only ca- two hens that are always fighting

either by direct contact with affect- diptherial patches and false mem- The next step is proper housing. ed birds or by contact with ground branes are formed. Some workers This does not necessarily mean costly on which infected stock has run. On consider these different stages of the or very warm houses, but a house that the other hand, Philip B. Hadley of same disease. It is also believed by has plenty of air and sunshine and is the Rhode Island Experiment Station some that sore head or chickenpox is simple and easy to clean. Another -and which station has given more also another form of the same disease. thing to take into consideration is attention to the study of Black Head The commonest form of roup, the proper feeds and feeding. I aim to do than any other - takes the stand that nasal roup or contagious catarrh, at this as cheaply as possible, and use the disease is practically one of im- tacks principally the membrance lin- nothing but home-grown feeds when proper feeding. In this connection he ing the eye, the sacs below the eye, ever I can. They are the cheapest and writes: Black Head is not a commun- the nostrils, the throat and the wind- even if a grower gets a few more icable disease. It is not caught from pipe. The symptoms first seen are eggs by feeding commercial foodstuffs other birds; it is not caught from in- those very similar to an ordinary cold, the difference is more than made up

in ninety-nine per cent of cases~ is hot, the body normal or only slightly have a flock of about 90 Light Brahma improper feeding. Improper feeding higher than normal. The discharges hens. From these I have had eggs all in the average case means overfeed- from the nasal openings is at first winter and during February have had ing. The feeding of turkeys must be thin and watery, but in two or three as high as 40 eggs a day. The house regarded merely as supplementary days becomes thick and obstructs is so cold that on cold days a pail of to what is obtained on the range, and breathing. The inflammation, which water will freeze solid in a few hours the amount must be adjusted accord- begins in the nasal passages, soon ex- It has good ventilation, however, and Dr. Higgins has used muriatic acid which exist immediately below the winter, although the door has stood counties, but, though the adult is a marking the spot where the insect intends to the eye and to the spaces I have not had a frozen comb all

birds sit with their heads drawn in, peck of barley in 5 or 6 inches of lit-The acid to be used is a teaspoonful wings drooping with the general ap- ter on the floor every morning. It

treme cases even the bones of the she is very restless, especially if there apple and pear tree to feed and degrow one-sided. The seat of injury is is a male with the flock frequently posit its eggs.

The course of roup is usually of by any one out of scrap lumber and trees again.

The Orchard

ORCHARD MEETING

was held in the orchard of Mr. great variety of other plants.

550 barrels of Nonpareils. Since that year his crop has dwindled down un-

Almost every orchard in Annapolis County has in it some Nonpareils that

THE GREEN APPLE, BUG

sis Knight)

ness of the Pest. For a number of ged, frayed appearance.

the connection between the trouble in up condition. the apple and pears or that either of

"Green Apple Bug." fairly strong flier, it does not seem to serted its beak. becomes established there is no pest

apple and pear. It has been found on plums in the adult stage, but has

Hadley, on the other hand, writes: the birds sit in a somnolent or semi-she is kept in the coop four days, and eggs are laid, after which the adult in- most susceptible variety of apple, next

sects that fall to the ground are cap- with closely planted thick growing TELEPHONE, NO 3-2

able of feeding and completing their able conditions. transformations on timothy, red A very successful orchard meeting clover, couch grass, dandelion and a

was found, due to the ravages of the green pears to all other food, but also of coming to maturity on timothy,

CHARACTER AND EXTENT OF

the accompanying article on The evidence of injury is to the tender orchards, with only a moderate in-Green Apple Bug and then visit Mr, foliage in the form of purplish spots festation, spraying the apples with Marshall's orchard and compare it upon the surface of the affected leav Blackleaf 40, 1 pint to 100 gals. just with some of the Nonpareil orchards es, accompanied in severe cases by a before and just after the blossoms discoloration disappears, but if af- measure must be taken. fected leaves are held to the light 2. The trees must be banded with (Lygus Invitus Say. var. novascotien- they will be found to be pierced tree tanglefoot to prevent the reas-History, Distribution and Serious- In very severe cases they have a rag- to the ground.

varieties of apples, especially the of liquid oozes through the bark. Lat- been forced down the tree. Nonpareil. Such trees would bloom er, as the twig increases in size, quite 4. The trees must be thoroughly heavily every year, but would invariable a decided lump may develope at the thinned out and pruned so that all Offices in Royal Bank Building ably fail to set a crop of anything point of puncture, with, in severe cas- parts can be reached by the spray. but a few gnarled, twisted apples. At es, a cracking of the bark. In heavily 5. A very heavy drenching spray the same time there came frequent infested orchards where insects are must be given. reports of pears that "grew woody" present in hundreds of thousands, the and were covered with corky disfigur- twigs may be literally stung to death and afterwards remain clinging to the No one appears to have suspected tree for some time, in a brown dried-

them was due to an insect, Examin- freedom and like them, may frequentation of affected orchards about blos- ly be stung to death by the countless soming time showed them to be number of beaks all with drawing causes most of the sorrow and sufswarming with small yell wish or their sap at the same time. The dead green sucking insects, which in ap- dry blossoms usually fall to the ground pearance resembled long-leggel plant in a short time. These facts explain lice. These insects moved with ex- why susceptible varieties bloom year traordinary rapidity and had a won- after year without giving any crop.

developed wings and became a deli-drops of gum oozing through the skin, war for there is no doubt that drink cate brownish insect about one quarter of an inch long. This insect re- A slight reddish purple raised spot pear pest in New York State under the young apple generally drops, after bename of False Tarnished Plant Bug ing stung. Fruit that is able to still (Lygus invitus) of which species it cling to the tree, or that is not attackforms a variety. Lately it has gained ed until it reached some size, is usualan unenviable reputation in Nova ly badly gnarled and wisted as a re-Scotia as the "Green Bug" or the sult of the insects' attack. The failure of the tissue about the puncture to The pest is well distributed through develop, results in a one-sided apple, the main fruit producing centres of with a pronounced depression, sur-Hants, Kings, Annapolis and Digby rounding a brown slightly raised scar

leaves, stems and blossoms of the controlling it. That such a pest should dropping as in the case of apples. The have gone so long unnoticed is rather effect of the punctures on the fruit is, ing the fruit useless for any purpose

not been known to lay its eggs in that of plums is not uncommon, where to force a subordinate to drink who plant. When shaken from the tree, these trees border on affected apple usually at the extremity of the fruit of the blossoms and practically all are bule and sometimes a coil of gum

"The prevention of Black Head in a conscious condition, unable to see or then released. During the time she is sects begin to die off, few remaining in order comes Ribston, Granvensteins, Golden Russets, Blenheim, and

problem is to so feed the poults that ing which time they continue to dis- The time from the laying the last disturbed they frequently drop, but attack than other varieties, but Clapp's canal may be opened in a few days. egg till the hen began laying again generally alight on another branca Favorite, Burbidge, Maria and Flem-

successfully we shall find the dread- the nostrils, mouth, and throat which poses we might say the average is 10 at its base until their wings are ob- throughout the infested area it aped blackhead disease has taken care are characteristic of the latter. days. These coops can be easily built tained, when they will fly up into the pears that the most suitable conditions for an undue increase on the part The writer's experience has led him long duration. A simple putrid dis- a little wire.-T. E. Quisenberry, Mis- Experiments have shown that in- of the insect are shady orchards,

a certain amount of herbage on the know to flourish under all conceiv-

CONTROL

Atherton Marshall, of Clarence, on In feeding, the young insects prefer this pest more difficult than that of Sept. 5th, to demonstrate the control the young leaves of apple and pears, any insect with which we have to but also puncture the tender twigs. contend. First, the insect is very Prof. W. H. Brittain, who has been Later on they attack blossoms, but active and very clever at hiding. investigating the Bug, has in Mr. when the fruit is set, they feed on it making it very difficult to hit it with Marshall's orchard a valuable de- to the exclusion of other food. The the spray. Second, when the tree is Office in Middleton open Thursdays. monstration in the control of this later stages will not feed on the sprayed, large numbers of the young Office in Bear River open Saturday insect. In 1911, Mr. Marshall picked leaves if other food can be obtained. insects drop to the ground and may reascend the tree when the spraying Money to loan Real Estate Becarify is over. 1389 insects were found gotil last year it was only 111/2 barrels Adult insects are, like their young, ing up one tree after it had been of Nonpareils. On ten large Non- very active and take to flight readily sprayed-enough to ruin the entire pareil trees in 1915 only one apple when disturbed. The nymphs prefer crop. Third, the insects are capable BARRISTER. SOLIDITOR Green Apple Bug. Prof. Brittain's feed upon the fruit of apples and clover, couch grass, and other plants methods have this year resulted in plums. Pear trees kept free from the that may be growing at the bottom of Shafner Building, - Bridgetown the practical extermination of e bug young insects by spraying had their the tree, after which they can fly back and a moderate to good crop Non- crops destroyed later by bugs flying to the fruit trees and continue their AGENT FOR CALEDONIAN work of destruction.

> The following are, therefore, the measures to be followed in controlling the Green Apple Bug:-

1. Injury to the Apple. The first 1. In normally planted, well pruned slight tendency to curl, as the leaves fall and again five days later, should unfold and later reach full size, the be sufficient. In others special

through and through with small holes. cent of those insects that have fallen

years fruit growers in the Annapolis The tender, succulent twigs are state of clean cultivation until the Valley of Nova Scotia have com- favorite points of attack and as the end of the first week in July, in plained of the non-bearing of certain insect removes its beak a clear drop order to starve all insects that have

A CANADIAN CHAINED TO HIS

seek sorrow? Everyone now outside Sept. 30, 1914-t. f. Phone 23-23 the spectacle of prominent men and a few leading newspapers opposing seem as if for some selfish reason Office:-Queen Street, Bridgetown derful ability to hide. They later As soon as the young fruit has set, they want Britain defeated in this Hours:—8 to 5.

sembles closely an insect known as a will mark the puncture and the The sufferings of men addicted to the use of alcohol, morphine or any description when they are deprived of their favorite dope. Many of them cure a supply to relieve the terrible

> cessful in the treatment of these Injury to Pears. Injury to the dreadful craving is a secretion poured will receive prompt attention. Hearse sent out by nature to protect the brain and to all parts of the country. Office and nervous system from destruction. It is one poison counteracting another, but when the dope is withdrawn this secretion does not stop but continues Arthur M. Foster teract. That explains what has long BRIDGETOWN, NOVA SCOTIA in the case of those on the apple. Hard thing that will check this secretion and thus restore the man to normal.

Injury to Plum. Injury to the fruit desire to make others drink also. An

makes him coarse, foul mouthed and brutal. The beer drinker suffers Nonpareil (Roxbury Russet) is the deprived of his favorite beverage, and

9 vessel are waiting on the Pacific

PLUMBING

Bridgetown, N. S.

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