

mostly all been washed off by the rain the bugs were getting in their work. There was nothing to do but go at it again. We had no more than got started when down came more rain. The weather kept coming continuously for several weeks. In the meantime the ground had become so soft that we did not care to go on it with our heavy spray.

A NEW METHOD ADOPTED

Affairs were becoming desperate. We decided to get a Paris green "blower" and get after the bugs with it. By getting out with the blower between showers we were able to save the plants. One could walk between the drills at a fair pace and do half of two rows at a time. Although the amount of Paris green blown on the plants was almost imperceptible, it did the work.

This blower is manufactured by Halsey and Harvey, Port Williams, N. S. It consists of a receptacle that holds a pound or more of Paris green, a blower and a delivery tube with two branches.

To sum up our experience in a few words: Arsenate of lead will destroy potato bugs under favorable conditions and when the plants are thoroughly drenched with the spray. By using as much as four or five pounds of the arsenate to 40 gallons of water it would probably give excellent results, but then it would be more expensive than the Paris green. We would like to know the experiences of other Farm and Dairy readers.

The Plum Curculio

The plum curculio or the "Little Turk" is a very bad enemy of plums and apples. It hibernates as a mature beetle, and when the warm days of spring come it is ready for its first meal on the swelling buds. Later on the female attacks the young fruit almost as soon as formed, poking its eggs beneath the skin, and making around each egg the characteristic crescent shaped mark.

Arsenate of lead, three pounds to 50 gallons of water, applied when the leaf buds are swelling, again two weeks later, will hold this insect in check. If the arsenate of lead is combined with the self-boiled lime-sulphur, or with Bordeaux mixture, fungous diseases like shot-hole fungus of the plum and cherry, and scab of the apple, will also be kept within bounds.

Work of the Experimental Farms

The reports and bulletins emanating from the agricultural experimental farms are not read by everyone. It isn't every farmer that needs the time to study these numerous reports carefully. At the same time continually in government blue books that no farmer can afford to be without.

A new bulletin designed especially to help this class of busy men and women, has recently been prepared by J. B. Spencer, B. S. A., editor of the Publications Branch at Ottawa, entitled "The Dominion Experimental Farms—A Review." In this bulletin Mr. Spencer gives the outstanding conclusions that have been reached during the 25 years that the experiment of Dr. Wm. Saunders. In this bulletin these valuable conclusions can be assimilated by a reader in just a few hours.

This bulletin is attractively bound and illustrated and would be a decided addition to any farmer's library. It can be had free on application to the Publications Branch of the Department of Agriculture at Ottawa. Every Farm and Dairy reader is urged to write for this bulletin.

POULTRY YARD

Poultry Notes

By Mrs. G. W. Bandlett

Have some way of telling the oldest eggs and keep them sold.

It costs no more to feed a hen that lays 400 eggs a year than one that lays 60.

Poultry should be kept off and 24 hours before being killed and dressed for market.

Be poultry like fresh straw now and then just as well as the cow likes to be well bedded.

A hen is not lazy by nature and will surprise you in what she can do if given the right chance.

Keeping too many breeds is a poor way to succeed. One or two varieties given the best of care is best.

A poultryman that is too careless to keep the hen house free from vermin does not deserve to succeed.

Be sure to provide some shade in the runs or you will find that some of your chicks will not feather.

Chicks that have been drowned in watering tanks that someone forgot to empty would make a good sized flock.

Nearly every one can keep hens but can every one make the hens keep them? Hens do not pay unless you give them suitable care.

Poultry raising is what you make it. Lots of people make it drudgery by the attitude of mind rather than the amount of work they do.

The hens that are yarded should be given the lawn clippings. The dairy ration is not complete without animal feed in some form. Skim milk fed separately or with the mash furnishes a partial substitute for the meat ration.

If you do not like your breed change as soon as you can for you will never be successful with a breed you do not like. Do plenty of good thinking before you make the change as it is expensive not only in money expended but in the experience you have already gained with the breed you have.

Give the flock you have a square deal and be sure that the fault lies with them and not that you just want a change.

DUCKS

Indian Runners are good foragers and light eaters.

Ducks are never troubled with lice, neither do they have cholera or roup.

You will find the eggs not as fertile if you let the ducks grow thin.

Good houses, good feed, good tools, and cleanliness are four essentials of poultry keeping.

Duck raising is one of the most profitable branches of the poultry business.

For market purposes the Pekin duck is best. For eggs the Indian Runner takes the lead.

Keep a good cat or two around the poultry plant as it will save you lots of trouble with mice and rats.

Watch that the ducks have suitable attention and regular feed. A few well cared for pays better than too many that are neglected.

The Indian Runners grow very rapidly and begin laying early. They lay a large white egg. These eggs are very fine flavor.

Give the ducks plenty of air and stuff them with feed. Sprinkle sand over their food as this will be a sure way of them getting as much as they need.

I heard a remark in our home recently, when discussing the slow progress of farming in 1913 to the effect that we had better mail them a few copies of Farm and Dairy.—G. A. Harris, Hastings Co., Ont.

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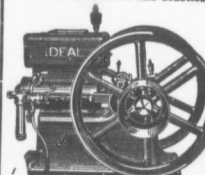
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