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A Study of Prices

T is interesting to study the differ-ence in prices which breeders ask for stock, eggs or baby chicks. For example, what is a fair price for a May hatched Leghorn pullet in Oc-Naturally, much depends on her breeding, but as a matter of fact. more depends on who the seller is Assume that the pullet is a fowl from a good laying strain, but without fancy points, is she worth \$1 to \$2? It is self-evident that if the man who raised her (with feed at \$4 per 190 pounds) paid his advertising, printer's and postage bills, gets less than \$1.50 for her, that he can not long make expenses, for he doesn't value his time and work at anything to speak of. It is admitted that \$3 is the minimum cost of raising a about the minimum cost of raising a pullet to the age of 18 months, even under the best of conditions, and that charge is for feed alone. Judging then from the cost side, a good, vigorous pullet should be worth \$2 at six to seven months of age

Considering it from the production side, the pullet well cared for should lay 150 eggs at an average value of four cents each, or \$6 for her year's Valuing her at \$2 and the cost of feeding at \$2.50, which is rather low for any breed but a Leghorn, the buyer would have made profit on an original investment of \$2, and he still has the yearling hen on hand, worth fully what she cost originally for breeding purposes. Puloriginally for breeding purposes. Pul-les at \$2 for good, vigorous laying stock should be a splendid invest-ment this coming fall to any one who will care for them properly. Select ally more according to quality

Prospective buyers can afford to buy nothing but first-class stock from well established strains, for in no other way can they be assured of full value for the investment.—Rose Comb

Shipping License for Eggs

WOLD you kindly advise me as whether or not a farmer shipple his own eggs to a packing compa in the city requires a license from t Capada Food Board?—S. J. S., Richmo

We have received advice from the We have received advice from the Canada Food Board as follows: "Farmers are not required to obtain licenses from the Canada Food Board to ship their own eggs or butter to a packing company, retailer or con

Head Lice in Chickens

THE chicks should be gone over for lice—the head lice are the worst. If the brooder and the surround ings are kept clean as possible there should not be much fear of head lice. Should they appear, however, an appli-cation of ointment of some kind should be used at once. If this is not available, use vaseline, olive oil or sulphur and lard. Every head will have to be gone over and the treatment will have to be repeated in a week. troublesome task to go over several hundred young chicks, but it must be done, each head by itself. Rub the the ears. Some use coal oil, but it is too severe and has been known to kill the chicks about as quickly as lice

Head lice in chicks are sometimes hard to locate. The chicks may be Hatless, getting thin, wings down, feathers ruffled, and dying off one by one. Upon examining the heads one can see nothing running around, and all that appears is what looks like young feathers sprouting out of the head. To make sure that they are there, take some of the olntment and apply thoroughly to the head. Put the The young feathers will minutes time. The young feathers wi be gone and large bodied lice will be running for their lives. The "feathers" were the abdomens of the lice, the head and rest of the bodies being buried into the head of the chick eating away at the tissue. It takes only a few days to have a whole flock cleaned out. Absolute cleanliness is the best preventive.

Summer Suggestions

URING the summer months it is best to produce only infertile pose . keepers to sell all the male birds, thus saving their feed and producing eggs saving their feed and producing eggs which will keep better and market to a great advantage. To produce the best market eggs during the summer, all male birds should be disposed of all male birds should be disposed of.
No, broody hen should be allowed to
sit on the eggs. Clean nests must be
provided. Eggs must be gathered twice daily, kept in a cool place, and marketed every few days. Also all cracked, soiled or misshapen eggs had better be used at home, and only large,

better be used at home, and only large, uniform, clean, fresh eggs sold. Lice and mites will multiply and thrive in hot weather. Be on guard. Spray with a three per cent. solution of any coal-tar disinfectant to kill mites. Lice can be destroyed entirely by treating hens with sodium fluoride Put the white powder on in pinches all over the bird's body. Either of above treatments must be repeated in ten

The little chicks need shade and protection from the heat. Give them some shady grounds or build some frames, cover with old sacks and place on legs to protect them from the heat of the sun. They will thrive better. Be sure they get plenty of fresh water during the hot days.—P. F.

HORTICULTURE

Potato Spraying Demonstrations URING the early summer of 1917,

D several makes of potato-spray-ing machines were secured for experiments at the Charlottetown Experimental Station. A contest was arranged, and the dates on which the several sprayings would be applied were advertised in the local papers. number of interested men attended practically every demonstration. the 28th of August, 1,300 people vis ited the Station, and the majority the potato field to see the work of the different machines. blight occurred in many parts of the Province early in the season, and the check plots that were not sprayed at this Station showed very plainly that quite a bad attack of the disease was

The contest was carried on in du-plicate, with Green Mountain potatoes. Four applications were made to each plot. The total cost of applying the bluestone and lime includes the cost of both man and horse labor. Un-sprayed check rows were left at intervals throughout the field for purpose of comparison. Long before potato digging time, anyone could pick out these by their dead, disease-infected The following results were obtons. tained:

(1) A four-row, horse-power chine with one nozzle spraying dow from the top and one on either side of the row, applied 80 gallons of 4:4:40 Bordeaux to the acre, at a cost of \$1.65 per application without poison. The plots yielded at the rate of 194 bushels of marketable potatoes, or 52 bushels more marketable potatoes than the corresponding unsprayed check, giving a net gain over the total cost of spraying, of \$32.40 per

(2) A four-row horse-power ma-chine with one nousie spraying down on the foliage of each row, applied 35

gallons of the same Bordeaux per acre, at a cost of 80c per application These plots yielded at the rate of 146 bushels of marketable potatoes, or 24 bushels of marketable potatoes, or 24 bushels more of saleable potatoes than the corresponding check, giving a net gain over the cost of spraying of \$14.80 per acre.

(3) A four-row hand machine with one nozzle spraying down, and one nozzle spraying through from the Bordeaux at a cost of \$1.00 per application, per acre. These plots yielded at the rate of 171 bushels of market. able potatoes, or 52 bushels more sale check, giving a net gain, after deducting the total cost of spraying, of 335

(4) A four-row hand machine with (4) A four-row hand machine with one nozzle spraying down on each row, applied 26 gallons of the same Bordeaux at a cost of 70c per application. These plots yielded at the rate or 19 bushels more saleable potatoes than the corresponding check, givin a net gain after deduc cost of spraying, of \$11.45 per acre.

Marketable potatoes were valued at 75c per bushel. The foregoing con-test clearly demonstrates the advant. age of thorough spraying, and the ne

Orchard and Garden Notes

PRAY potatoes early to keep ahead S of the blight and bugs.

is wet, but just as soon as it works Clean straw around the strawberry

plants and between the keep the berries clean. Spiraeas and other early flowering

shrubs may be pruned now, although ten days earlier would have been a better time. Frequent cultivation is of much

more value than watering. Keep the the soil.

Before moving a plant, thoroughly set the soil about it and take a ball of earth with it.

Arsenate of lead or paris green are

good remedies to use against chewing sects. When paris green is used is well to add an equal quantity of insects. lime to prevent injury to the foliage Kill the weeds before they start to

This is best done in the gar den by a hand cultivator, garden rake en by a nand cultivator, garden rage r a five-tined garden hook. Dahlias should be staked when bout one foot high. Sometimes

about one about one foot high. Sometimes stakes are set when the plants are put in. Keep the plants thinned to three or four stalks. The more stalks, the smaller will be the flowers.—Le-Roy Cady.

Plant for the Future By A. M. Metcalf.

for I had room for only one apple tree I would plant it," once re-marked a venerable horticultur-ist who talked at our Farmers' Insti-tute, I was one of the boys on the benches around the stove that remark stuck in my memory and when, years later, we got a farm of our own after several years of share renting, we immediately began to plant for an orchard and a model fruit garden. Every year since we have planted a few trees at least. Some of them are now in bearing and we have an orchard that adds several hundred dollars to the value of our farm and which will soon be adding a goodly sum to our income. In addition to apples of the early, fall and winter varieties, we have cherries, plums and

So far we have gotten the greatest returns from our fruit garden, which occupies about an eighth of an acre at the side of the house. We have selected our varieties so as to have a succession of fruit, right from spring to fall. We have strawberries, rasp berries, blackberries and all of the bush fruits such as gooseberries and

black mbff bruit garde use garde not Inte but each w for sale su bors have to the hou value to us the joy of ton of thin

Cultiv

July 4, 15

T HE big notato cultive drag harrow come up. It the young y germinated tained a fir are quite a to harrow t the afternoo potato spre ti will not brea harrow is p the growing over them w week and gir on after ea the crust on Douglas May Cows. Hog

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high to mak

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however, legis whereby cour permit of the uble serum The merit venting hog lutely proven here," Mr. Ja using the dou can keep our sure that they at any time by keting, howev

with restrict nuisance."

restrictions. o hogs from

breeding

"Hogging de practise in th United States. at the Rivera acres of 1 sald Mr. Jacks ed well. It so to have a good could finish th corn field. ould be to p and finish the starting with cottonseed mi crease gradual