

INTERESTING AGRICULTURAL FEATURES FOR OUR COUNTRY READERS

HORTICULTURE

PRODUCE BETTER FRUIT

How to Make Good Fruit Trees from Poor Ones.

It is surprising to notice how many people everywhere are contented even in small gardens to allow trees to grow in any shape...

By slightly depressing the chief stem so that it will grow in a curve, the chief stem is withdrawn the cut pieces come together and hold the graft tight...

The growth buds really burst into leaf, but must be delayed too long. Remove all the main dead branches first. Then cut out the small weak shoots that start from near the ground...

These old canes do not, as a rule, produce such fine roses as the younger roses. The young canes should be shortened back about one-third of their length from the top...

POULTRY

CURIOSITIES IN BREEDING

Some Important Discoveries in the Mating of Pure-bred Fowls.

It is quite a common belief that if the pure bred mate with the pure bred the progeny is bound to be pure. Such a result, however, does not naturally follow...

Again, if the blue thus produced are mated together, blacks and whites will again appear among their offspring, and no amount of breeding from the blue alone will rid them of the black and white blood...

As a matter of fact, when blue Andalusians are mated together, according to A. D. Darbishire in his book, Breeding and the Mendelian Discovery (Caswell), birds of three types of color are produced...

On the other hand, the result of crossing a black and a white bird is a blue Andalusian, and the blue birds obtained in this way, when mated together, produce again a blue and white comb...

Here is another remarkable instance of recurrence in breeding which Mr. Darbishire gives as an example. A pair of flat skinned and the edge marked with deep indentations. Another type, which characterizes the Wyandottes, is known as the bishire...

before treatment and leave it in hot water but five minutes. Bees used should not be dipped in water over 132 degrees F.

GENERAL

INSECTS AND DISEASE

Important Pests of Farm Crops—Habits and Treatment.

Hessian Fly.—This insect attacks wheat, rye and barley, and is often very destructive. The key to the control of this pest is moderately late sowing of the wheat crop.

Root Louse of Corn.—This pest is present before plowing and frequent digging before plowing the ground.

Grain Smuts.—Of the fungi attacking farm crops this class of fungous foes is about the only one that can be reached by active combative measures.

One of the most satisfactory methods for treating seed grain for smuts is that known as the Jensen hot water treatment. This consists in dipping the seed in water at a temperature of 132 to 135 degrees.

After a little experience a person can tell the day before they are to be brought out, open the doors and windows so that the air in the cellar will become purified.

WHEAT BREEDING

The Nebraska Experiment Station has just issued Bulletin No. 125, on Wheat Breeding Experiments.

The Nebraska Experiment Station has just issued Bulletin No. 125, on Wheat Breeding Experiments. A brief historical sketch of wheat culture is given, together with charts showing the principal wheat growing areas.

General Treatment.—There are many other serious insect pests and diseases of grain and grasses. They are usually held in check by good farm practices, such as clean farming, fall plowing, destruction of rubbish after harvesting, etc.

Single heads and plants were selected from large fields, and the product of each head increased until sufficient had been secured to plant test plants in the fields.

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One must exercise care in bringing them to the proper time for bringing the bees out of the cellar.

WHY NO LOWED THE ROAD INQUIRY

Law Against Directors of the "Witching" of the Moneys, and Premier Hazen—Found Com- Accounts' Committee Hears's Money Was Wasted.

points of the report, Mr. Powell said he wished to add an item of nearly \$4,000 which appeared in the Norton books as paid to Contractor Brown and also appeared as having been paid to the same people by the government.

Mr. Powell stated further that he could not understand how Auditor Sharpe had made up the account but he was dead and there was no explanation.

Mr. Powell said Judge Landry spent the most time upon the investigation and the report, and was assisted mainly by Mr. McDonald, Mr. Teed had least to do with it. He received something over \$2,000 net for his services but had not charged within twenty-five per cent. as much as he might have for his work.

Mr. Powell and Mr. Powell disagreed somewhat about the mileage of the road, the former contending that with branches to coal mines, etc., it was seventy miles and Mr. Powell, sixty miles.

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PRUNING ROSES

Directions in Detail for Trimming and Training All the Classes.

Rose bushes should not be pruned until the growth buds have burst into leaf, but must be delayed too long.

Pruning climbing roses. The method of pruning these differs very little from that of the bush roses. The dead wood and the weak young vigorous canes. It is best to leave a young vigorous cane or two of last season's growth on each bush, cutting out any old canes more than three years old.

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NEW RECORDS

IN EGG LAYING

High Totals and Individual Laying at Storrs, Conn., Last Week.

The 500 hens entered in the international egg-laying contest at Storrs (Conn.) laid a total of 2,281 eggs during the past week which was a new high record.

New records were made not only in total egg production but also in individual laying and in the number of high records.

The record for the week was made by a pen of White Orpingtons, the five birds laying a total of 31 eggs. Two of the birds laid an egg a day and the other three laid six eggs in the seven days.

For the second place, three pens of Barred Rocks, White Rocks and Rhode Island Reds were tied with 30 eggs each.

W. H. BELVEA ELECTED

MAYOR OF NEWCASTLE

Beat Charles J. Morris by Ten Votes—Three Old Aldermen Defeated.

Newcastle, N. B., April 16—(Special)—In the town elections today, Captain W. H. Belvea was elected mayor by 125 votes over Charles J. Morris.

The contract for sewerage construction has been awarded to J. E. Kane of St. John, who will begin work in a few days.

ST. ANDREWS TOWN

COUNCIL RE-ELECTED

Mayor Armstrong and Aldermen Returned by Acclamation—St. John Man Gets Town Contract.

St. Andrews, N. B., April 12—(Special)—The contract for sewerage construction has been awarded to J. E. Kane of St. John, who will begin work in a few days.

EDMUNDSTON RE-ELECTS

OLD COUNCIL BOARD

Edmundston, April 16—(Special)—The election of the councillors for the town of Edmundston was held today. The old council was re-elected by a large majority.

CAMPBELLTON

TOWN ELECTIONS

Campbellton, April 16—(Special)—The town elections took place today. There were contests only in Wards 2 and 3. The results follow: Ward 2—D. A. Stewart, 83; S. Laughlin, 74; Councilor M. Mowat, 71; A. C. Belleisle, 62.

HOW AND WHEN TO RAISE CHICKENS FOR PROFIT

Eggs May Be Hatched Naturally or Artificially—Great Care Needed in Selection of Eggs, and Condition of Nest Must Also Be Watched—Valuable Information.

For next winter's egg production, chickens should first see the light during the first week of May. Pullets hatched at this time are often better than those hatched earlier and certainly those hatched later on.

Eggs may be hatched naturally or artificially. Both methods are good. Both have their advantages and disadvantages. When but a small number of chickens are desired, use hens for incubation; but when many are desired use incubators.

The nest boxes should be uniform in size, not too small, and so constructed that they may be opened and closed at will. A piece of old fitted in each corner of the nest and some fine hay over all is satisfactory and prevents the eggs from rolling to the outside.

The sitters should be allowed off the nest at a regular time each day. At other times the nests should be kept closed. This prevents fighting and trouble generally, if you have more than one hen in the same room.

You cannot hatch infertile eggs. Fertile eggs, strong germs, healthy parents, attention to the tails are essential to success. The hen is a good incubator, requires no coddling; but does require prompt and exact correction of any condition unfavorable to the germs in the eggs or the mothers during the incubating process.

For artificial incubation choose a good incubator. There is no best machine. The one you like best and know how to handle is the best for you. Get the machine going just right before you put eggs in it.

\$100 REWARDS

TO FENIAN RAID VETERANS READY

Ottawa, April 12—The cabinet has passed an order in council releasing the money appropriated as a reward to the veterans of 1866-70. They will now be entitled to \$100 each on making proof of service.

Another layer with an enviable record is a White Orpington, this busy bunch of industrious fowls having laid 46 eggs in 56 days.

In the total pen record to date the English pen of White Leghorns stands highest. A Massachusetts pen of Rhode Island Reds has the third highest total.

Twenty-two individuals laid an egg each of the seven days in the twenty-second week, five pens containing two individuals each making this record. Not one individual in the Leghorns laid an egg in any one week of the competition.

One Buff Orpington has continued her remarkable performance and, with the past week's score, has to her credit 53 eggs in 56 days.

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THE BEST LINIMENT Gombault's Caustic Balsam IT HAS NO EQUAL For all rheumatic pains, neuralgic pains, sciatic pains, lumbago, diphtheria, sore lungs, rheumatism, and all stiff joints.

AMERICAN SEPARATOR THIS OFFER IS NO CATCH. It is a solid proposition to send you a separator for your separator. It will make your separator work better than ever before.

Seldom See A BROSINER A big new line like this, but your horse may have a brosiner or brosiner on his back. It is a big new line like this, but your horse may have a brosiner or brosiner on his back.

Healthy, Well-Fed Horses Do Most Work Naturally enough horses that are in good health will do the greatest amount of work. Feed plays an important part in the health of the horse and it's only natural not to expect a good day's work from a diseased animal.