

NEWS AND INFORMATION FOR THE BUSY FARMER

(Furnished by Provincial and Dominion Departments of Agriculture)

CHEMISTRY AS AN AID TO AGRICULTURE

One of the services offered by the Dominion Experimental Farms system to the farming public, is that of advice and information regarding the quality, suitability and use of products pertaining to successful agriculture—feeds, soils, fertilizers, insecticides, farm supplies of water, etc.

This assistance, rendered to correspondents from the Atlantic to the Pacific can perhaps be demonstrated by citing examples. Throughout the fruit belts, hopes of a crop are increasingly dependent upon death-dealing insecticides.

Little pigs can digest only low-fibre feeds. Frequently, too frequently indeed, mill products with oat hulls are sold for pig feeding which if used can only result in serious digestive disturbances to the young pigs.

Chemistry can be of value in many and diverse ways and whatever of information this science can disclose in regard to farming operations and products, is at the service of those who ask it.

SMUT DISEASES OF GRAIN IN EASTERN CANADA

Smut diseases cause considerable losses to grain crops in Eastern Canada, being especially detrimental to oats and barley.

In seeking to control smuts, it should be understood that smut on barley is not the same as smut on wheat, and loose smut of wheat differs very greatly from bunt or stinking smut.

The most up-to-date recommendations for smut control are found in Bulletin No. 81—New Series, issued by the Dominion Botanist, Central Experimental Farm, Ottawa.

gether. Since this quantity of liquid may be greater than is required for use in a single day any desired amount may be prepared in the above proportions by adding one ounce of formalin to every 2 1/2 gallons of water.

"The grain to be treated is placed in a pile on a clean floor and sprinkled with formalin solution from an ordinary sprinkling-can or by means of a broom. The grain is then shovelled over into another pile the grain being mixed as thoroughly as possible to distribute the moisture.

Loose smut of wheat and loose smut of barley are controlled by the hot water treatment as follows: "First the seed is soaked in warm water (86 degrees Fahrenheit) for four hours and then the swollen grain is immersed for ten minutes in water kept during this time at a constant temperature not below 122 degrees Fahrenheit and not above 126 degrees Fahrenheit."

BETTER FRUITS AND VEGETABLES FOR CANADIAN TABLES

Canadians like good things to eat and desire to have them at all seasons of the year. This has been kept in mind by the breeders of new fruits and vegetables in the Horticultural Division at the Experimental Farm, Ottawa, and the aim has been to originate, if possible, something better than was yet available, and good success has followed these efforts.

After a long winter, there is a great craving for something with acidity, hence there is much demand for rhubarb, not only on this account, but because it is the first edible product from the soil in the spring.

Of all vegetables, corn is, perhaps, the most popular, after potatoes, and everyone looks forward eagerly to the corn season. The Golden Bantam corn is the most popular variety and, rightly so, but, if one can have corn as good in quality as Golden Bantam but two weeks sooner, he will not be without it.

These valuable originations make it possible for thousands of Canadians to grow their own fresh fruits and vegetables who were previously unable to do so owing to the longer season required by the older sorts.

Mary had a little lamb, Given by a friend to keep; It followed her around until It died from loss of sleep.

Rocky Saugeen (Our Own Correspondent) The U. F. W. O. held their monthly meeting at the home of Mrs. Stewart McArthur, with a fair attendance.

Mr. Allister Lawrence arrived home and is recovering nicely from the effects of his accident.

Mr. and Mrs. Will Bell visited friends in Berkley recently. Old friends and neighbors here are very sorry to hear of the serious illness of Mrs. Thos. Bell and hope she may soon regain her old time vigor.

Mr. and Mrs. George Searles and Mr. and Mrs. Archie Searles, of Guelph, visited this week with Mr. Wm. Hill.

Mr. and Mrs. Doug. Clark and family were guests the first of the week with Mr. and Mrs. Walter Clark, Zion.

Mr. J. W. McKechnie visited this week with his cousin, Mr. Donald McKechnie, Crawford, who met with an accident which will confine him to bed for a few days.

Miss Dorothy Miller, Durham, was a visitor on Sunday with Mr. and Mrs. James Miller.

Mr. and Mrs. Frank Hopkins and Shirley spent a day the first of the week with friends at Aberdeen.

GRASS HELPS KILL WEEDS

Weeds are an ever present problem on the farm and they are one to which the Dominion Seed Branch gives very special attention.

Lands foul with some kinds of weeds, particularly annuals, may advantageously be seeded to grass for hay or pasture. The cultivation of hoed crops becomes too expensive for labor when the soil is polluted with weed seeds.

POULTRY WINS A PLACE IN FARM MANAGEMENT

"Poultry is at last definitely recognized as one of the essential departments of every up-to-date farm where a program of mixed farming is carried on, states George Robertson, Assistant Dominion Poultry Husbandman.

MISS MACPHAIL'S LETTER

Continued from page 3.) The agricultural estimates this year relief is provided. It might also be pointed out that from information obtained, it is likely the federal authorities will assume one half of the cost of direct relief, which will make it much easier for the provinces and the municipalities to finance their share.

All Special Prices good until next Thursday

BUY THE BEST... but don't pay more! Foods MUST be unquestionably good, that's settled. MUST be bought for little money, too, we all know that. 'Twould be a puzzle if it were not for Carroll's prices! SHOP HERE—GET THE BEST—FOR LESS MONEY.

CARROLL'S LIMITED Special—Glasco's RICH STRAWBERRY JAM 28c Special—Kraft Kitchen Fresh MAYONNAISE 21c Special—Aylmer GOLDEN BANTAM CORN 25c

- Tomatoes lb. 14c Pineapples large 22c Medium 17c Medium size Oranges, juicy doz. 35c

Garafraxa St., Durham

Phone 58

Counter Check Books

We have them in all styles and sizes

Let Us Quote On Your Next Order

Quality and Workmanship Guaranteed.

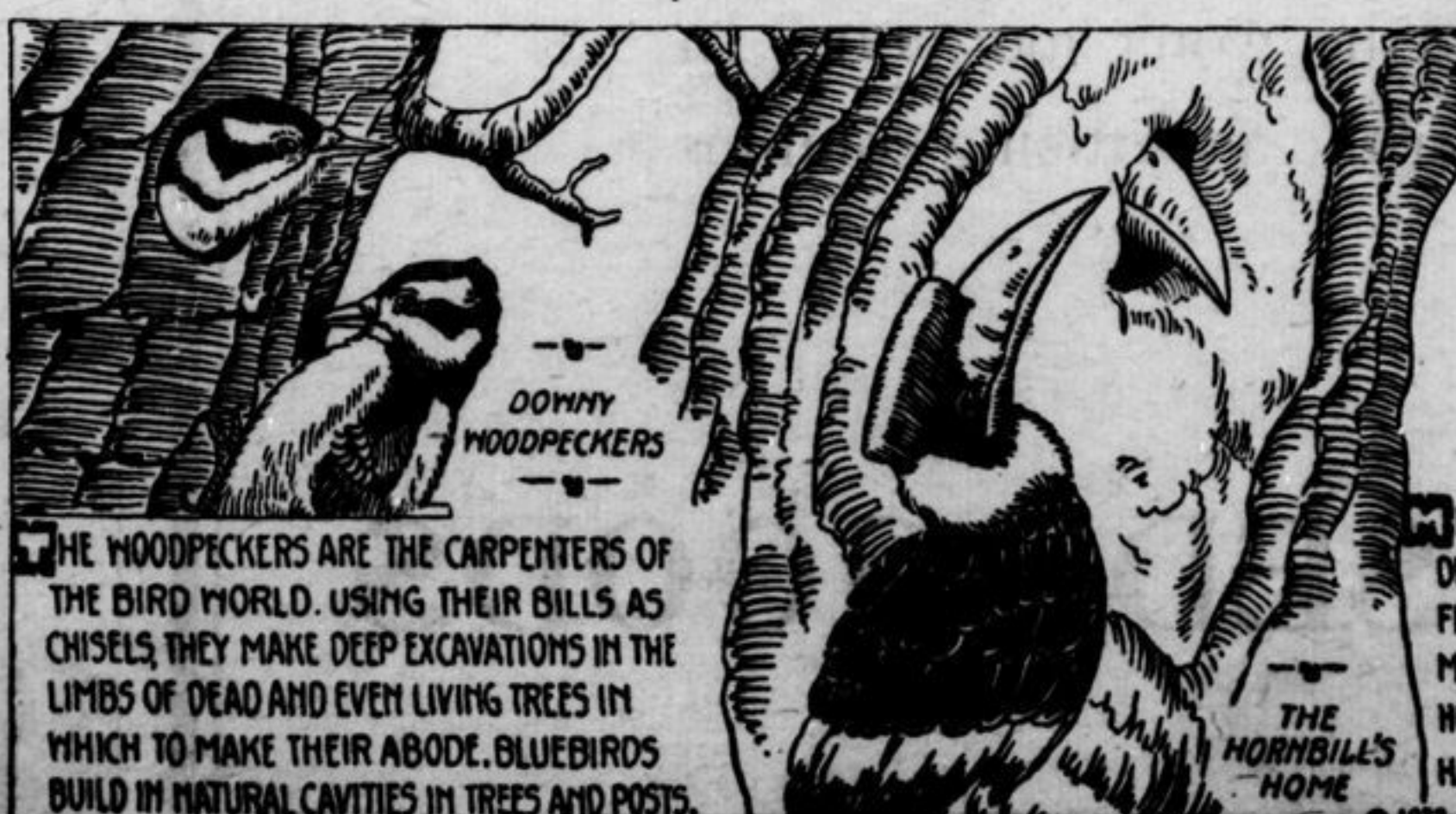
The Chronicle

DURHAM

ONT.

"TELLING TOMMY"

By Pim



YES TOMMY, SOME BIRDS USE LUMBER FOR BUILDING THEIR HOMES AS WELL AS MEN. THE HERONS BUILD LOOSELY CONSTRUCTED NESTS OF STICKS AND TWIGS.

THE WOODPECKERS ARE THE CARPENTERS OF THE BIRD WORLD. USING THEIR BILLS AS CHISELS, THEY MAKE DEEP EXCAVATIONS IN THE LIMBS OF DEAD AND EVEN LIVING TREES IN WHICH TO MAKE THEIR ABODE. BLUEBIRDS BUILD IN NATURAL CAVITIES IN TREES AND POSTS.

THE HORNBILL DOESN'T WANT HIS WIFE TO GAD ABOUT DURING THE NESTING SEASON, SO HE PLASTERS UP THE FRONT DOOR OF THEIR HOME IN A CAVITY IN A TREE, WITH MUD. HE ONLY LEAVES A HOLE LARGE ENOUGH FOR MRS. HORNBILL TO STICK HER BILL THROUGH FOR FOOD, THEN HE HAS TO HUSTLE TO FEED MOTHER AND THE KIDDIES.

WHY ARE YOU SO CRAZY ABOUT WOODPECKERS, BETTY? BECAUSE I ALWAYS LIKE TO SEE A FELLOW THAT USES HIS HEAD.