THE UNION ADVOCATE, TUESDAY, NOVEMBER 23, 1920



State of Frank

## Man's Worst Foe

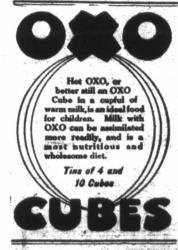
Pare Six

it is only because we do not know the facts on which they rest. Here

Except a snake, a rat is probably in the Western Hemisphere we are accustomed to reckon the destruc the most repulsive creature in the, world, and against both rats and tiveness of rats in terms of money snakes the aversion seems to be so or other material things, but in the East they reckon it in terms of natural, so deep-rooted, so general, that it is almost instinctive. Our human life. It is the house rat that language and our literature are full harbors the fiea that transmits the of phrases that express it. The des-tructiveness of the poisonous snake "black death," which in the four teenth century destroyed twenty-five million people in Europe, and which has been known from a time beyond the gray dawn of history. Perhaps some dim intuiton of the destructiveunder the name of plague is always epedemic in Asia, Africa, Australasi ness of the rat, too, may have filterand South America. Since 1896 it has ed down through the ages and, being killed nine million of the people of associated with his secret and fifthy ways, his scavenger life and ghoulish India alone. The economic loss owing to rate chraacter, may have nelped to fix his

place in the minds of men; but it is only of late years that science has proved the case against him.

"Man's chief foe," "the cause of more deaths than all the wars of nistory," "the most destructive ani-mal in the world," are some of the phrases that the Bureau of Biological Survey applies to the common house



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In feeding for ogs the same as fo nything else regularity is eseential no matter what method is followed. There are many methods that the aisfactory results. What suits one eder may not suit another, so that it is necessary for individual poultry keepers to decide for themselves

just what system of feeding they will adopt. It will be found that the best results are obtained where a certain amount of the gran fed is ground This may be fed either as a mois mash or dry in hoppers according to the personal of the feeder.

The Hopper System

no one can reckon, for there are no For some years the feeling of a accurate statistics; but investigation dry mash in hoppers has been very among the older cities of the At-J popular, especially on large plan lantic seaboard show that it is in where labour has to be considered. wery close ratio to the population. If This system has some advantage and we figure, as the Bioglogical Survey some disadvantages, but the former we figure, as the Bioglogical Survey figures, that every rat destroys at greatly overbalance the latter.

least two dollars' worth of property a year, the bill for the whole country The principal disadvantage is the waste of feed by the scattering of it out of the hoppers. This can be two hundred million dollars. That largely avoided by the use of properdoes not include the cost of traps, ly constructed hoppers or by of poison, of maintaining cats, or any the closing of the hoppers except at cer-tain regular periods. Dependence need not necessarily be placed on other item of the expense of combat ing the evil; nor does it cover the cost of the work of the Public Health Service, through which alone the plague is kept out of New York, Bosany given feed. So long as it is borns in mind that the various forms of food, cerea!, vegetable, ant ton, San Frans's o, Seatt'e, Howaii New Orleans and Porto Rico. mal and mineral, must be supplied, rations may differ widely in make-up As with so many other evils, the

emedy is preventive rather than surative. Buildings must be so con-Farmers should depend largely on nome grown feeds, and when it is structed as to be rat-proof, which is not at all difficult: and then streets, necessary to buy, those feeds most readily and cheaply obtainable in the various localities are the gnes that neighborhoods and communities mus be rid of rats and kept free of them by cooperative work under intellihould be used. A ration that preved

CARE Molanne ST. JOHN, M.B.

satisfactory last year may be to expensive to use this year or one that was too expensive last season may be cheapest this. The success ful poultry keeper will not only vary the rations according to the prices of feeds, but also according to the ndition of his flock. A hen that is not laying cannot stand as heavy a ration as one that is producing hoavily, neither can a flock of old tens stand as heavy a rat on as ock of pullets.

THE LAYERSS' FEED IS IMPOR-TANT; Grit, oyster.shell, charco.l, and dry mash are kept in a hoppe nstantly before the flock. Fresh water, and when rossible a dish of cour milk is also supplied. In the morning a light feed, and in the evening a full feed, of mixed grain, is given in the lt er; at noon, gre.n feed and, if desired, a feed of moist mash. When s ur milk is not avail able, green cut bone may be fed alternately, with the moist mash, or coarse beef scrap may be supplied in the hoppers. The mixed grain usally consists o

corn and wheat, equal parts, and oats one half part, but if any other grains are cheaper or more easily obtained, they are used. In coar weather, the proportion of corn is increased, and in hot weather decreased. The green food consists of roots,

mangels perferred, or sprouted oats. Chopped clover is sometimes steamed and mixed with the mash.

The mash mixtures is equal parts, corn, bran, and middlings, one balfpart gluten and one half part fine beef scrap or blood flour. For old hens, either the percentage of bran is increased in the mash or the hop-per is kept closed except at certain imes of the day

MARITIME AND MAINE CIRCUIT The meeting of the members of the Maritime and Maine Circuit which was called for next week at Chatham is expected to be postponed.

Thursday, December 9th, is the new date that has been suggested and it is expected that Fred M. Tweedle, the secretary, will send out new notices asking the representatives of the various tracks to assem ble at that time. It is also said that President S. D. Reckbert, of Chat ham, is insistent upon the North Shore town as the place of meeting



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prepared for any emergency. Mrs. J. Randall, of Silver Stream, Mrs. J. Rančall, of Silver Stream, Sask., writes: ---- 'Here is an incident which proves conclusively Zam-Buk's wonderful healing power. One day my daughter when using the washing machine, tore the top off her finger. As we live eighteen mi es from a doctor, I sot out the ZamBuk (which we always keep handy) put on a liberal dressing, and bound up the finger carefully. The injury are no further trouble. The use of ZamBuk made il unnecessary for us to trouble the women hashed competitive. The set of the set with a sequely good for berea, acade absormes, blood poisening and plies. All easers doc. box. Name of paper and le stamp the ZamBuk Co., Duppot Streat Toronto, brings Free Treal Box.



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EARTHENWARE ---- All kinds of Earthenware, Tea Pots, Bean Crocks.

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Oval Boilers, Bread Pans, in sheet iron, Dish Pans, Slop Pails, Coal Hods, Water Pails, Hot Water Kettles, Tin Cans, from 1 quart to 2 gallons, Milk Pans, Milk Strainer Pails, Flour Sifters, Cake Pans, Oil Cans, Dust Pans, Long handled Dippers, Cake Cutters, Cuspidors, Dinner Cans and Chambers. Such bargains have never been equalled before.

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Carvell Will Not Preside at Phone Hearing by Board

Ottawa, Nov. 18--F. B. Carvell, Chairman of the scourd of Saliway Commissioners, E was issened today, has decided not to sit as chairman of the commission when hearing is re-sumed of the application of the Bell Telephone Company for an increase in rates. Some exception has been taken to the chief commissioner sit-fling on the case because of his com-ometion as a director and sharehold or with the New Brunswick Telep-home Company. Mr. Carvell, however, was of the opinion that there was no reason why he should stay out of the inst-ter because the New Brunswick Company, is operating make a pro-vincial charter and dose not come within the juriediction of the rate way board. Is is anderstood that how way heard. Is is anderstood that how a sume boards and the senergy from hearings in Teresto, Hamilton of the attaction hearings in Terony Montreal possible



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