Making Uncooked Pork Safe For Food; Tempting Dainties Suggested

pepproni, pickled sausage, and a numof other dainties continue to tempt

States department of agriculture has conducted a long series of experiments to ascertain what treatment, other not lower than 45 degrees. than cooking, will thoroughly destroy trichinae and render the foods safe for consumption. The result of the experiments is made public in department bulletin 880, just issued.

The experiments proved of double In addition to fixing the safety point in the various methods or down the time consumed in the processes in some cases as much as five days, permitting considerable saving in the cost of manufacture.

Effects Little Known prior to these investigations com-paratively little was known concerning PRESENT DAY PILGRIM the effects of processes used in curing pork upon the vitality of trichinae, which cause the dread disease trich-

It has been assumed as a governing principle that the consumer is himself esponsible for the proper preparation of fresh pork or pork products that are usually cooked before eating, but that the manufacturer is under obligations to make sure that oork products sold as cooked products are properly cooked, or if a kind customarily eaten without poking, to he sure that the products are free from live trichinae.

In the federal meat-inspection reguproducts cooked in establishments uner inspection must be cooked in ac- splintered woodwork. ordance with methods approved by New Methods Devised

peration with certain meat-packing bursting into laughter. were devised.

These methods were tested by preparing the products from trichinous pork and then feeding the finished product to experiment animals to see whether the trichinae survived. Deled records were kept of every step

The investigation shows that pork products of the kinds customarily aten without cooking may be rendered safe for consumption, so far as richinosis is concerned, but that it is acessary to follow a special curing rocess adapted to each. Sait is an esential in most of the processes.

Sausages of moderate size have been rendered harmless by mixing not less than 3 1-2 pounds of salt with every hundredweight of meat, followed by reliminary curing and then by drying. After the salt has been introduced, the sausages must be dried at least 20 days n a temperature not lower than 45 degrees F. A period of 5 days is alo ed for preliminary curing, which may be curtailed, provided the time in the drying room is correspondingly in

In the case of peproni, which are sausages stuffed in long, narrow, thin asings, it was found feasible to reduce the curing period to 20 days, of which at least 15 days must be given to dry-

Smoked sausages may be rendered harmless by being subjected to a preminary cure and then smoked to a emperature ranging from 80 degrees F. for 30 hours, followed by drying for 10 days. Sausage smoked at a temerature of 125 to 130 degrees F., for relatively brief period, following a reliminary curing period of 6 days s rendered harmless without subsequent drying.

Two Methods for Ham Hams are rendered free from tricnnae by two methods. One is to cur-

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Hygienically, the custom of eating un- them with dry salt-4 pounds or more Hysical pork and pork products is re- to the hundredweight—for a period or garded by medical specialists as very 40 days, and then smoked or pale-dried much to be discouraged; but the tooth- for 10 days at a temperature not less much to be discussing, smoked sausage, than 95 degrees. The second method is to cure them on the basis of 3 days of other dainties to defy the phy- for every pound of meat, followed ay 48 hours of smoking at a temperature Facing this situation, the United of not less than 80 degrees, and finally by 20 days' drying at a temperature

Salt and suitable temperatures are the principal means of destroying trichinae. The former gradually undermines the vitality of the parasites, probably by withdrawing water from their tissues, and also perhaps by direct toxic action. Salt furthermore lowers the resistance of the larvae to ety point in without cooking, they cut heat and thus renders them susceptible would not prove fatal. Drying is also a decided factor in bringing about the destruction of trichinae.

FATHERS IN HARD LUCK

"Props" Give Way During Performance of The Mayflower

LONDON, Oct. 25 .- Twentieth-century Pilgrim Fathers have hardships of their own. Last night while Ben Greet players were lustily singing from the poop deck of a stage preproduction of the Mayflower at the Surrey theater, stage properties gave way, the ship heeled, crashed toward the audience lations it is therefore provided that and precipitated the hapless Pilgrims to the stage amid sails, masts and

After anxious moments it was dehe bureau of animal industry; and, termined that no broken bones had refurther, that products containing any suited from the unhistorical presentaraw muscle tissue of pork, if of a king tion. Thus assured, the notable gathprepared customarily to be eaten un- ering of first nighters, including cooked, must either be subjected to American diplomatic officials and insufficient heat to destroy the vitality of fluential Anglo-Americans, were prerichinae or must be subjected to some pared for the humor of the situation as ther process which would accomplish the rise of the curtain on the second act-the Pilgrim Fathers offering thanks for their safe voyage across the of the department's experi- Atlantic. London critics say the aumental work was carried out in co- dience could hardly be blamed for

establishments in Chicago. The in- The production of "The Mayflower." vestigators selected the methods of a play which is a part of the tercenpreparing pork without cooking that tenary celebrations in London, accordseemed likely to be efficacious in des- ing to The Times shows once again troying trichinae and at the same time how difficult it is for a play of this suited to practical requirements or kind to be anything but a series of manufacture. Several new methods episodes very loosely strung together. "Abraham Lincoln" was, of course the exception. There is no drama in The

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Mayflower play, says The Times and crude melodrama, the love story which very little humor, and the whole thing threads it having been taken almost consists of a series of scenes laid in line by line from Longfellow's "Court-Leyden, at Plymouth and in New Eng- ship of Miles Standish," but arranged land. The Chronicle calls the play a with hardly any dramatic skill.

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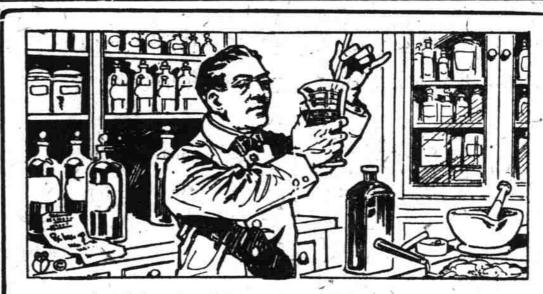
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