FCS8310

UF UNIVERSITY of FLORIDA
IFAS Extension

Preparing Corn: Whole Kernel for Canning[1]

United States Department of Agriculture, Extension Service[2]

Quantity: An average of 31-1/2 pounds (in husks) of sweet corn is needed per canner load of 7 quarts; an average of 20 pounds is needed per canner load of 9 pints. A bushel weighs 35 pounds and yields 6 to 11 quarts -- an average of 4-1/2 pounds per quart.

Quality: Select ears containing slightly immature kernels or of ideal quality for eating fresh. Canning of some sweeter varieties or too immature kernels may cause browning. Can a small amount, check color and flavor before canning large quantities.

Procedure: Husk corn, remove silk, and wash. Blanch 3 minutes in boiling water. Cut corn from cob at about three-fourths the depth of kernel.

Caution: Do not scrape cob.

Hot pack --To each clean quart of kernels in a saucepan, add 1 cup of hot water, heat to boiling and simmer 5 minutes. Add 1 teaspoon of salt per quart to the jar, if desired. Fill jars with corn and cooking liquid, leaving 1-inch headspace.

Raw pack -- Fill jars with raw kernels, leaving 1-inch headspace. Do not shake or press down. Add 1 teaspoon of salt per quart to the jar, if desired.

Add fresh boiling water, leaving 1-inch headspace.

Adjust lids and process following the recommendations in Table 1 or Table 2 according the the method of canning used.

1. This document is Fact Sheet FCS 8310, a series of the Department of Family, Youth and Community Sciences, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida. Publication date: May 2003. Revised: July 2005. Reviewed: August 2008. This document was extracted from the Complete Guide to Home Canning, Agriculture Information Bulletin No. 539, USDA. It was originally published on CD-ROM as part of HE 8150, Guide 4: Selecting, Preparing, and Canning Vegetables and Vegetable Products. Please visit the EDIS Web site at **http://edis.ifas.ufl.edu**

2. Reviewed for use in Florida by Amy Simonne, assistant professor, Food Safety and Quality, Department of Family, Youth and Community Sciences, Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville FL 32611.

Table 1.

Table 1. Recommended process time for Whole Kernel Corn in a dial-gauge pressure canner.						
			Canner pressure (PSI) at Altitudes of			
Style of Pack	Jar Size	Process Time	0-2,000 ft	2,001-4,000 ft	4,001-6,000 ft	6,001-8,000 ft
Hot and Raw	Pints	55 min	11 lb	12 lb	13 lb	14 lb
	Quarts	85	11	12	13	14
*After the canner is completely depressurized, remove the weight from the vent port or open the petcock. Wait 10 minutes; then unfasten the lid and remove it carefully. Lift the lid with the underside away from you so that the steam coming out of the canner does not burn your face.						

Table 2.

Table 2. Recommended process time for Whole Kernel Corn in a weighted-gauge pressure canner.				
			Canner Pressure (PSI) at Altitudes of	
Style of Pack	Jar Size	Process Time	0-1,000 ft	Above 1,000 ft
Hot and Raw	Pints	55 min	10 lb	15 lb
	Quarts	85	10	15
*After the canner is completely depressurized, remove the weight from the vent port or open the petcock. Wait 10 minutes; then unfasten the lid and remove it carefully. Lift the lid with the underside away from you so that the steam coming out of the canner does not burn your face.				