# PECTIN CALCULATOR

## Your Sweet Cherry Jam Recipe

| FOR EVERY 2 (8 OZ) HALF PINTS, YOU WILL NEED: | LOW SUGAR | NO SUGAR |
|---|---|---|
| Sweet Cherries - Remove pits and stems, finely chop | 1 1/3 cups | 2 cups |
| Unsweetened fruit juice or thawed concentrate or water | 1/3 cup | 1/3 cup |
| Ball® RealFruit™ Low or No-Sugar Needed Pectin | 1 1/2 Tbsp | 1 1/2 Tbsp |
| Granulated sugar, sugar substitute, or honey | up to 1/2 cup | none |
| Bottled Lemon Juice | 3 tsp | 3 tsp |

## Make Your Jam

1. PREPARE waterbath canner, jars and lids according to manufacturer's instructions, if preserving.* Prepare and measure ingredients for recipe.

2. COMBINE prepared fruit with fruit juice in a large saucepan. Gradually stir in Ball® RealFruit™ Pectin. Add butter, if using. Bring mixture to a full rolling boil that cannot be stirred down, over high heat, stirring constantly.

3. ADD sugar, sugar substitute or honey, if using. Return mixture to a full rolling boil. Boil hard 1 minute, stirring constantly. Remove from heat. Skim foam if necessary.

4. PACK based on Enjoy Now or Fresh Preserve steps below.

*If you are preserving at an altitude higher than 1,000 feet above sea level, adjust processing time as indicated by the altitude chart (https://www.freshpreserving.com/adjust-high-altitude-canning).

**QUICK TIP:** Adding up to 1/4 tsp butter or margarine will reduce foaming.

## Preserve Your Jam - 2 Easy Methods

**Enjoy Now**

1. LADLE hot jelly/jam into hot jars. Cool to room temperature, about 30 minutes.

2. REFRIGERATE jelly/jam or serve immediately.

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**Fresh Preserve**

1. LADLE hot jelly/jam into hot jars, one at a time, leaving 1/4-inch headspace. Wipe rims. Center lids on jars. Apply bands and adjust to fingertip tight.

2. PLACE filled jars in canner, ensuring jars are covered by 1 to 2 inches of water. Place lid on canner. Bring water to gentle, steady boil.

3. PROCESS jars for 10 minutes, adjusting for altitude. Turn off heat, remove lid and let jars stand for 5 minutes.

4. REMOVE jars and cool. Check lids for seal after 24 hours. Lid should not flex up and down when center is pressed. Clean and store jars according to manufacturer's instructions.

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To adjust the amount of jam you wish to make, use the following table.

Ingredient Amounts for Jam in (8 oz) Half Pint Jars

| NUMBER OF JARS | | LOW SUGAR | NO SUGAR |
|---|---|---|---|
| **1** | Prepared fruit | 2/3 cup | 1 cup |
| | Unsweetened fruit juice or thawed concentrate or water | 2 Tbsp + 2 tsp | 2 Tbsp + 2 tsp |
| | Ball® RealFruit™ Low or No-Sugar Needed Pectin | 2 1/4 tsp | 2 1/4 tsp |
| | Granulated sugar, sugar substitute, or honey | up to 1/4 cup | none |
| | Bottled Lemon Juice | 1 1/2 tsp | 1 1/2 tsp |
| **2** | Prepared fruit | 1 1/3 cups | 2 cups |
| | Unsweetened fruit juice or thawed concentrate or water | 1/3 cup | 1/3 cup |
| | Ball® RealFruit™ Low or No-Sugar Needed Pectin | 1 1/2 Tbsp | 1 1/2 Tbsp |
| | Granulated sugar, sugar substitute, or honey | up to 1/2 cup | none |
| | Bottled Lemon Juice | 3 tsp | 3 tsp |
| **3** | Prepared fruit | 2 cups | 3 cups |
| | Unsweetened fruit juice or thawed concentrate or water | 1/2 cup | 1/2 cup |
| | Ball® RealFruit™ Low or No-Sugar Needed Pectin | 2 Tbsp + 3/4 tsp | 2 Tbsp + 3/4 tsp |
| | Granulated sugar, sugar substitute, or honey | up to 3/4 cup | none |
| | Bottled Lemon Juice | 4 1/2 tsp | 4 1/2 tsp |
| **4** | Prepared fruit | 2 2/3 cups | 4 cups |
| | Unsweetened fruit juice or thawed concentrate or water | 2/3 cup | 2/3 cup |
| | Ball® RealFruit™ Low or No-Sugar Needed Pectin | 3 Tbsp | 3 Tbsp |
| | Granulated sugar, sugar substitute, or honey | up to 1 cup | none |
| | Bottled Lemon Juice | 2 Tbsp | 2 Tbsp |
| **5** | Prepared fruit | 3 1/3 cups | 5 cups |
| | Unsweetened fruit juice or thawed concentrate or water | 3/4 cup + 1 Tbsp | 3/4 cup + 1 Tbsp |
| | Ball® RealFruit™ Low or No-Sugar Needed Pectin | 3 Tbsp + 2 1/4 tsp | 3 Tbsp + 2 1/4 tsp |
| | Granulated sugar, sugar substitute, or honey | up to 1 1/4 cups | none |
| | Bottled Lemon Juice | 2 Tbsp + 1 1/2 tsp | 2 Tbsp + 1 1/2 tsp |
| **6** | Prepared fruit | 4 cups | 6 cups |
| | Unsweetened fruit juice or thawed concentrate or water | 1 cup | 1 cup |
| | Ball® RealFruit™ Low or No-Sugar Needed Pectin | 4 1/2 Tbsp | 4 1/2 Tbsp |
| | Granulated sugar, sugar substitute, or honey | up to 1 1/2 cups | none |
| | Bottled Lemon Juice | 3 Tbsp | 3 Tbsp |
| **7** | Prepared fruit | 4 2/3 cups | 7 cups |
| | Unsweetened fruit juice or thawed concentrate or water | 1 cup + 2 Tbsp | 1 cup + 2 Tbsp |
| | Ball® RealFruit™ Low or No-Sugar Needed Pectin | 5 Tbsp + 3/4 tsp | 5 Tbsp + 3/4 tsp |
| | Granulated sugar, sugar substitute, or honey | up to 1 3/4 cups | none |
| | Bottled Lemon Juice | 3 Tbsp + 1 1/2 tsp | 3 Tbsp + 1 1/2 tsp |
| **8** | Prepared fruit | 5 1/3 cups | 8 cups |
| | Unsweetened fruit juice or thawed concentrate or water | 1 1/3 cups | 1 1/3 cups |
| | Ball® RealFruit™ Low or No-Sugar Needed Pectin | 6 Tbsp | 6 Tbsp |
| | Granulated sugar, sugar substitute, or honey | up to 2 cups | none |

| NUMBER OF JARS | | LOW SUGAR | NO SUGAR |
|---|---|---|---|
| | Bottled Lemon Juice | 4 Tbsp | 4 Tbsp |
| **9** | Prepared fruit | 6 cups | 9 cups |
| | Unsweetened fruit juice or thawed concentrate or water | 1 1/2 cups | 1 1/2 cups |
| | Ball® RealFruit™ Low or No-Sugar Needed Pectin | 6 Tbsp + 2 1/4 tsp | 6 Tbsp + 2 1/4 tsp |
| | Granulated sugar, sugar substitute, or honey | up to 2 1/4 cups | none |
| | Bottled Lemon Juice | 4 Tbsp + 1 1/2 tsp | 4 Tbsp + 1 1/2 tsp |
| **10** | Prepared fruit | 6 2/3 cups | 10 cups |
| | Unsweetened fruit juice or thawed concentrate or water | 1 2/3 cups | 1 2/3 cups |
| | Ball® RealFruit™ Low or No-Sugar Needed Pectin | 7 1/2 Tbsp | 7 1/2 Tbsp |
| | Granulated sugar, sugar substitute, or honey | up to 2 1/2 cups | none |
| | Bottled Lemon Juice | 5 Tbsp | 5 Tbsp |

**NOTE:** Do not exceed 10 jars per batch. Set may not occur in larger batch sizes.