

CONGRATULATIONS! You have just purchased the 100% pure citrus pectin that is the most versatile and reliable pectin available: **POMONA'S UNIVERSAL PECTIN**. In the box you will find a packet of tan pectin powder and a smaller packet of white calcium powder.

Pomona's works differently from other pectins. Please read our directions and recipes carefully. If you have questions or need additional information:

Go to: www.pomonapectin.com to watch our video with step-by-step instructions; read our FAQs; find more recipes; buy in bulk.

Email: info@pomonapectin.com

Jamline: (413) 772-6816

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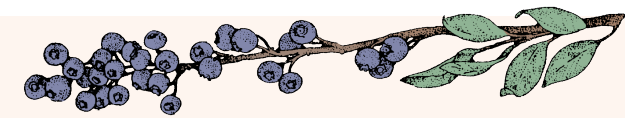
BEFORE YOU START JAMMING MAKE CALCIUM WATER!



1. Put ½ teaspoon white calcium powder and ½ cup water in a small, clear jar with lid. Shake well.
2. Lasts many months in refrigerator. Freeze for long-term storage. Do not discard unless settled white powder discolors or you see mold. Shake well before using.

Directions for Cooked Jam, Jelly, Marmalade & Jello – Low Sugar or Honey


To make with Juice Concentrate, Stevia Concentrate, or No Sweetener, see other side. For Jello, follow steps 2 thru 5.



1. **Wash and rinse jars** (4 oz up to 16 oz); let stand in hot water. Bring lids to boil; turn off heat; let stand in hot water. Wash screw bands; set aside.
2. **Prepare fruit or juice.** **Measure** fruit or juice into pan with lemon or lime juice (if called for in recipe).
3. **Add proper amount of calcium water** from jar into pan; stir well.
4. **Measure** sugar or room temperature honey into separate bowl. Thoroughly **mix** proper amount of **pectin powder** into honey or sugar.
5. Bring fruit or juice to a **full boil**. **Add** pectin-sweetener. Stir vigorously 1-2 min. to **dissolve** pectin while mixture returns to full boil. Remove from heat.
For Jello: pour into bowl(s); cool; refrigerate until jelled.
6. **Fill jars to ¼"** of top. Wipe rims clean. Screw on 2-piece lids. Put filled jars in boiling water to cover. **Boil** 10 min. (add 1 min. more for every 1,000 ft. above sea level). Remove from water. Let jars **cool**. **Check** seals; lids should be sucked down. Eat within 1 year. Lasts 3 weeks once opened.

Recipes for Cooked Jam, Jelly, Marmalade & Jello – Low Sugar or Honey

Recipes can be doubled, tripled, halved, or quartered. Dry or liquid sweeteners that measure like sugar or honey can be used.* T=tablespoon, t=teaspoon, C=cup

Jam	How to Prepare Washed Fruit	Measured Ingredients	Pectin Calcium Water	Yield (cups)
Strawberry, Kiwi, Currant, Raspberry Gooseberry, Sour Blackberry Sour Cherry, Sour Plum, Pineapple	Remove hulls, stems, pits, skin as required; mash fruit.	 4C mashed fruit ½C to 1C honey or ¾C to 2C sugar	2t pectin 2t calcium water	4-5
Blueberry, Sweet Blackberry Mulberry, Elderberry Ripe Quince, Apple	Berries: remove stems, mash fruit. Quince: peel, core, grind 3 lbs. Simmer covered with 3C water for 15 min. Apple: peel, core & simmer soft with a little water.	4C mashed or simmered fruit ¼C lemon or lime juice ½C to 1C honey or ¾C to 2C sugar	2t pectin 2t calcium water	4-5
Sweet Cherry, Sweet Plum Peach, Apricot, Pear Fig, Mango, Guava	Pit, chop, and mash or peel, pit, and mash fruit. Measure 4C mashed fruit. Optional: to soften firm fruit, bring to boil with ½C water, simmer 5 min. stirring occasionally.	4C mashed or simmered fruit ¼C lemon or lime juice ½C to 1C honey or ¾C to 2C sugar	3t pectin 4t calcium water	4-5
Orange Marmalade (Other citrus can be used in place of the orange and grapefruit.)	Peel, seed, remove membrane, finely chop ½ grapefruit and 4 oranges. Scrape the white, then thinly slice the peel from 2 oranges. Bring fruit to boil with 3C water. Simmer covered 20 min. stirring occasionally.	6C cooked fruit 3T lemon or lime juice 1C to 1½C honey or 2C to 3C sugar	4½t pectin 3t calcium water	7-8
Jelly or Jello (Unsweetened bottled juice can be used.)				
Sweet Apple*, Tart Apple Crab Apple Ripe Quince*	Remove stems and blossom ends from 3 lbs. fruit. Do not peel or core. Cut in small pieces. Bring to boil with 3C water. Simmer covered 10 min; stir & mash; simmer 5 min. more. Pour into jelly bag. Let drip until juice stops.	4C juice *¼C lemon or lime juice ½C to 1C honey or ¾C to 2C sugar	4t pectin 4t calcium water	4-5
Sweet Blackberry*, Sour Blackberry Elderberry*, Strawberry, Raspberry Sour Cherry, Currant, Pomegranate‡	Mash raw fruit through fine sieve and collect juice. Or lightly mash fruit and simmer with a little water; pour simmered fruit into jelly bag and let drip until juice stops.	4C juice *¼C lemon or lime juice †4t lemon juice ½C to 1C honey or ¾C to 2C sugar	4t pectin 4t calcium water	4-5
Concord Grape Sweet Grape* Sour Plum, Sweet Plum* Peach*	Remove stems & mash 4 lbs fruit. Bring to boil with ½C water (grape) or 1¼C water (plum, peach). Simmer covered 10 min. Pour into jelly bag. Let drip until juice stops. To avoid crystals , Concord grape juice must sit overnight in refrigerator. Pour off juice; don't disturb sediment.	4C juice *¼C lemon or lime juice ½C to 1C honey or ¾C to 2C sugar	4t pectin 4t calcium water	4-5
Hot Pepper	Bring 1C finely chopped bell peppers, ½C finely chopped jalapeño peppers, and 1½C vinegar to a boil. Simmer covered 5 min.	Simmered peppers and vinegar 1½C honey or 2½C sugar Stir pectin into ½C honey or ½C sugar. Add remaining sweetener after pectin is dissolved. (step 5)	1½t pectin 2t calcium water	3-4

* e.g., Xylitol, Sucanat, cup-for-cup Stevia, Splenda, Fructose, Agave, Maple Syrup, Concentrated Fruit Sweetener

Directions for Cooked Jam, Jelly, Jello – Stevia Concentrate or No Sweetener

Follow **Cooked Directions** (other side) for Steps 1, 2 & 3.

- For jam:** bring ¾C water or juice to boil. **For jelly or jello:** bring 1C of your measured juice to boil. Put in blender/food processor. **Add** proper amount of **pectin powder**; vent lid; **blend** 1-2 min. until all powder is dissolved.
- Bring your 4C mashed fruit or 3C juice to **boil**. **Add** pectin-water or pectin-juice and stevia to taste (if using). Stir while mixture returns to full boil. Remove from heat.
- For jam & jelly:** same as other side. **For jello:** pour hot jello into serving bowl or individual dishes. Let cool. Refrigerate until jelled.

Recipes: See other side. Omit sugar or honey.

DEVELOPING YOUR OWN RECIPES

Cooked Jam or Jelly

Fruit = mashed fruit or juice

Pectin: ½t to ¾t per C mashed fruit for Jam

Pectin: ¾t to 1t per C juice for Jelly

Calcium Water: 1t per C fruit

Lemon Juice: for low-acid fruits, 1T per C fruit

Sugar: scant ¼C to ½C per C fruit

Honey: 2T to ¼C per C fruit



HELPFUL HINTS

- To stop foaming**, add ½t butter per 4C batch.
- Taste test for sweetness after pectin is dissolved in mixture. **Not sweet enough?** Add more sweetener. Stir 1 min. at full boil.
- Pectin only dissolves properly in a low-sweetener mixture.** For higher sweetener recipes, stir pectin into low sweetener (no more than ½ the amount of mashed fruit or juice); add remaining sweetener after pectin is dissolved.
- If, after jars are sealed, you discover you need to add sweetener, lemon juice, calcium water, fruit, or juice,** you can empty jars into a pan with new ingredients. Bring mixture to a full boil, stir well 1 min. & re-can.
- Pectin jells when thoroughly **cool**. If jam or jelly **didn't jell**, go to www.pomonapectin.com/jell to find solutions.
- Color changes** over time do not affect flavor or quality.
- For a softer jell**, use less pectin.
- Cannot be safely sealed with paraffin.



Directions for Cooked Jam & Jelly – Juice Concentrate – Blender/Food Processor Required

- Wash and rinse jars;** let stand in hot water. Bring lids to boil; turn off heat; let stand in hot water. Wash screw bands.
- Prepare fruit or juice. Measure** fruit or juice into pan with lemon or lime juice (if called for in recipe). **Do not add** 1C juice concentrate (or 1C apple cider).
- Add** proper amount of **calcium water** from jar into pan; stir well.
- Bring **1C** concentrate (or 1C apple cider for cider jelly) to a **boil** separately. Put in blender/food processor. **Add** proper amount of **pectin powder**; **vent lid**; blend 1-2 min. until all powder is dissolved.
- Bring fruit in pan to a **full boil**. **Add** pectin-concentrate (or pectin-cider). Stir 1 min. while mixture returns to full boil. Remove from heat.
- Fill** jars to ¼" of top. Wipe rims clean. Screw on 2-piece lids. Put

filled **jars** in boiling water to cover. **Boil** 10 min. (add 1 min. more for every 1,000 ft. above sea level). Remove from water. Let jars **cool**. **Check** seals; lids should be sucked down. Eat within 1 year. Lasts 3 weeks once opened.

Recipes for Cooked Jam & Jelly – Juice Concentrate (Recipes can be doubled, tripled, halved, or quartered.) T=tablespoon, t=teaspoon, C=cup

Jam or Jelly	How to Prepare Washed Fruit	Measured Ingredients	Pectin Calcium Water	Yield (cups)
Sweet Blackberry*, Blueberry* Apple*, Kiwi, Raspberry, Strawberry Concord Grape, Sweet Grape*	Jam: Remove hulls, stems, cores, seeds, skin as required; mash fruit or simmer with a little water. Jelly: See other side for juice instructions.	3C mashed or simmered fruit or juice *¼C lemon or lime juice 1C juice concentrate (white grape, apple)	Jam: 2t pectin Jelly: 4t pectin 2t calcium water	4
Peach, Sweet Cherry, Sweet Plum Apricot, Mango, Fig, Pear	Jam: Pit, chop, and mash or peel, pit, and mash fruit. For firm fruit, simmer with a little water. Jelly: See other side for juice instructions.	3C mashed or simmered fruit or juice ¼C lemon or lime juice 1C juice concentrate (white grape, apple)	Jam: 3t pectin Jelly: 4t pectin 4t calcium water	4
Apple Cider	Jelly: Boil 8C apple cider down to 4C.	4C boiled down cider 1C apple cider	4t pectin 4t calcium water	5

Directions for Freezer Jam – Blender/Food Processor Required

- Wash and rinse** freezer containers. lemon or lime juice (if called for in recipe).
- Prepare fruit. Measure** fruit into large bowl with
- Measure** sweetener; **add** to fruit; stir well.
- Bring ¾C water to a **boil**. Put in blender/food processor. **Add** proper amount of **pectin powder**; **vent lid**; blend 1-2 min. until all powder is dissolved.
- Add hot liquid pectin** to fruit; stir until well mixed.
- Add** 4t calcium water from jar; stir well. Jell should **appear**. If not, stir in 1t calcium water at a time until jam jells. Stop adding calcium water when no improvement in jell is seen. See **Note** below.
- Fill** containers to ½" of top. Put on lids. **Store** in freezer **immediately** for up to 1 year. Keep in refrigerator after thawing. Lasts about 1 week in refrigerator.

Recipes for Freezer Jam (Any sweetener can be used.) T=tablespoon, t=teaspoon, C=cup

Jam	How to Prepare Washed Fruit	Measured Ingredients	Pectin Calcium Water	Yield (cups)
Strawberry, Blueberry, Raspberry Sour Cherry, Sweet Cherry, Pear Kiwi, Blackberry, Plum	Remove hulls, stems, pits, skin as required; mash or grind room temperature fruit.	4C mashed fruit ¼C lemon or lime juice (optional) ½C to 1C honey or ¾C to 2C sugar ¾C water - for dissolving pectin	3t pectin 4t calcium water plus more if needed	5-6
Peach, Apricot	Pit, chop, and mash or peel, pit, and mash fruit. Bring to boil in pan. Boil for 2 min. while stirring. Let cool in bowl.	4C mashed, boiled, cooled fruit ¼C lemon or lime juice ½C to 1C honey or ¾C to 2C sugar ¾C water - for dissolving pectin	4t pectin 4t calcium water plus more if needed	5-6



Note: Some fruits may not jell well as a raw jam. If not, put runny jam in pan, bring to boil and stir 1-2 min. Jells when cool. Store cooled jam in freezer. Lasts 2-3 weeks in refrigerator.