



CANNING SUGGESTIONS—Few kitchen satisfactions compare with "putting up" pale golden peaches and plums that are coming to market in profusion. Suggested ways are spiced peaches, preserves, peach and plum conserve and jelly for pleasure-giving in the months to come.

Feeding the Family

By ZOLA VINCENT
Food Editor

Peach, Plum Seasons Means "Putting Up" Luscious Fruit
Peaches, pale, gold and beautiful—and plums, purple and gold fill fruit stands, prove irresistible to home canners and freezers who take pleasure in indulging their families in taste treats not to be found on grocers shelves.

When putting up fruit of any kind, it is vital that you (1) get ready everything needed and make syrup before preparing fruit (it's not a good idea to keep peaches waiting); (2) use fully ripe but firm fruit; (3) handle with tender care to prevent bruising or fraying the fragile flesh; (4) prepare no more than enough for one good batch according to directions given by the professionals.

Again we suggest that you talk over plans with favorite fruit man in produce department if you're buying fruit by the lug; suggest that you plan to "put it up" the same morning for the perfection you hope to achieve.

Spiced Peaches

Have Many Virtues
Nearly all good home canners put up pickled peaches but you're overlooking a good bet if you haven't tried some lightly spiced ones. They're not the same as pickles. Spiced peaches are a real convenience food, especially for hurry-up desserts.

You may serve them cold with cream or put them in an ovenware dish, dot with butter, sprinkle with sugar and slip under the broiler until they are hot and have a few brown freckles. Serve with or without cream. You might try them in old-fashioned peach dumplings. When you do this, add a little tapioca or corn starch to the sauce the syrup to use as a sauce for the dumplings.

To Make Medium Syrup. First make the syrup in desired quantity. You'll get about 5½ cups medium syrup from this. Use three cups sugar, four cups water, one-half teaspoon each whole cloves and whole allspice, about one-third of a nutmeg (crack it with a hammer) and a couple of sticks of cinnamon. Tie the spices in a piece of cloth. Add to sugar and water. Let boil until sugar dissolves. Leave spice "bag" until syrup has pleasant flavor. Just before using syrup, remove bag and bring syrup to boil. You may, if you like, omit the cinnamon from syrup and put a piece in each jar. Figure on three-fourths to one cup syrup per pint.

To Can Spiced Peaches. Wash, rinse, drain, scald and peel firm-ripe peaches. Do not remove pits. Pack peaches to within one-half inch of top of the jar. If you use the new can or freeze jars, you'll have no trouble removing the peaches. Cover peaches with boiling hot syrup. Put dome lid on jar; screw lid 1½ in. Process pints or quarts 23 minutes in a boiling water bath canner.

Golden Peach Marmalade Treat

To peel peaches easily, place in wire basket or cheesecloth square. Dip into boiling water for one minute; then cold water one minute. Prevent peach discoloration by dropping peeled, pitted peach halves in bowl containing four cups water and one tablespoon lemon juice, briefly until needed.

5¼ pounds (15 medium) free-stone peaches
1 pound (3 small) oranges
10 cups sugar
1 teaspoon whole cloves
2 3-inch sticks cinnamon
Scald, peel, pit peaches.
Wash oranges; cut away blen-

Californian Named BLM Aide at Eugene

Portland, Ore. (UPI)—Wilson Borge of Ukiah, Calif., has been named assistant district manager for the Bureau of Land Management at Eugene, it was announced today.

Borge, 45, has been district manager at Ukiah. He will be replaced by George Francis, 36, who now is assistant district manager at Coos Bay.

Missile Guidance Aided by Device

By LEROY POPE

Union, N. J. (UPI)—The wonderful gyroscope, which revolutionized navigation a little over half a century ago, may be succeeded generally by a new marvel of solid state physics powered by a ruby laser, inventor-industrialist J. J. Mascuch said recently. Mascuch is president of Breeze Corporations and he is the inventor of the shielding that made the use of airplane radios possible back in the 1940's, of practical armor for the cockpits in fighting planes and of many other devices. But he is convinced the new

device he calls the electron ballistic accelerometer, which still is in a strictly experimental stage, will be the triumph of his career. Gyroscopes are a \$1 billion a year business. Mascuch thinks his new accelerometer might replace or eliminate the gyroscope in virtually every application and can start by eliminating it from the inertial guidance systems used in missiles and space vehicles.

Mascuch and his engineering and scientific team have been working on the electron ballistic accelerometer for some years. The theoretical work is finished and the project now is being evaluated by the National Space and Aeronautics Administration. They started before the development of the laser—the marvelous little solid state device that concentrates and harnesses the power of light. "The laser enormously enlarged the possibilities of the electron accelerometer," Mascuch explained.

An inertial system guides a missile or space vehicle by making it totally independent of weather, magnetic fields, radio or reference points in land and space.

Conventional System

The conventional inertial guidance system consists of an accelerometer which measures changes in pitch, yaw and four other motions and relays the signals to a computer not much bigger than a cigarette package—and a gyroscope.

The computer makes the corrections and puts the vehicle back on course. Because the ordinary accelerometer can't tell the difference between the pull of gravity and the other forces of motion the missile is subject to, it has to be mounted on a stable platform. The function of the gyroscope is to keep the platform stable—

with its plane always at right angles to force of gravity. "The electron accelerometer is so little influenced by gravity that gravity can be ignored," Mascuch said. "That means the gyroscope can be eliminated from the system. This will mean tremendous savings in costs and great improvement in reliability. Marvelous as it is, the gyroscope is subject to unpredictable failure because of temperature changes or many other reasons, and the common accelerometer, with its moving pendulum mounted on a platform kept stable by gyroscope, is not nearly so reliable in measuring drift pitch, yaw or other change as our electron accelerometer, with no moving parts, will be."

For use in inertial guidance systems for missiles, the electron ballistic accelerometer will have to be powered by a ruby laser working at cryogenic temperatures—more than 200 degrees below zero. Such a laser can be made because the physics already is understood, Mascuch said.

But for hundreds of other purposes the electron accelerometer can operate at ordinary temperatures, he said.

It can eliminate the gyroscope in guidance for ordinary airliners at big savings in cost and I believe it can make navigating the planes easier even in storm conditions," he said.

It will be extremely beneficial for submarine navigation in an inertial system and for submarine detection in a directional signal system," he said.

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1½ cups water
Wash, rinse and cut fruit into small pieces without removing pit or peel. Add 1½ cups water. Cook 10 minutes or until fruit is soft. Put fruit and its juice in jelly bag or pour onto cotton flannel cloth tied over top of pan or bowl. Squeeze out juice. If you want the clearest possible jelly, let juice drip through cloth without squeezing. Measure sugar and set aside.

Measure juice into large (four to six quart) kettle. Add pectin. Set kettle over high heat. Stir until mixture reaches fast bubbling boil. Add sugar; stir. Bring to fastest possible boil (that means one you can't slow down by stirring). Let boil exactly one minute; remove from heat. Quickly skim off foam and pour hot jelly to within one-eighth inch of the top of tapered half-pint fruit jars. Put dome lid on jar; screw band tight. Should fill six or seven half-pints.

Pickle Go-Togethers Are Many; Add Zest

We can't help thinking that Peter Pan would be in quite a tizzy could he see today's variety of pickles done up in jars for eating with practically everything except strawberry shortcake.

Actually there's no set rule as to which pickle to serve with what dish but to our way of thinking, here are some very good combinations for your consideration.

Serve sweet mixed pickles with roast beef, pork or lamb. Enjoy sweet pickle relish or India relish with fried fish as well as frankfurters.

Sweet gherkins are wonderful with cheese souffle, broiled lamb chops, curried veal.

A bowl of mustard pickle is all you need to turn baked beans and wieners or pot roast into gala fare.

Serve dills with braunschweiger, tongue, corned beef, pork, Swiss cheese, meat loaf, sardines.

Apricot Roll-Ups
Roll thin strips of boiled ham around fresh ripe apricot wedges, secure them with toothpicks and stick a stuffed olive on the end of each. Pretty as an hors d'oeuvre should be.



DISPLAYS DAUGHTER—Mrs. Eddie Gilbert, the former Kathy Crosby, daughter of band leader Bob Crosby, shows off her daughter, Lisa Malla, at her home in Houston, Tex. The baby was born July 12. (UPI)

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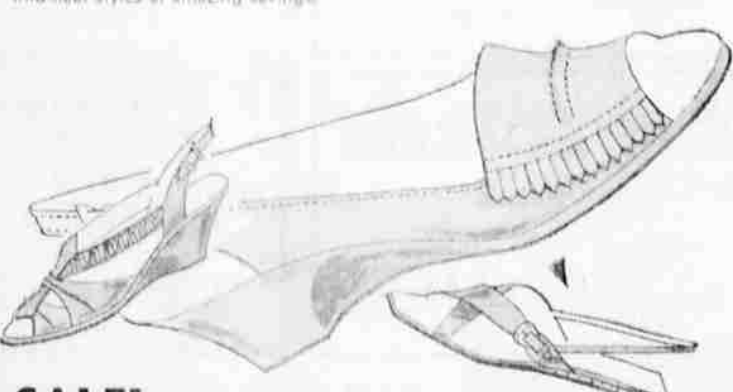


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