

KITCHEN & GARDEN NOTEBOOK

HOME ECONOMISTS ANSWER QUESTIONS ON HOME CANNED FOODS

Now that the last year's big canning season is over, you're enjoying the results of your efforts; however, questions concerning home canned food may arise in your mind now or later. The Ball Corporation home economists have assembled a few tips on why certain conditions may exist in a jar of food you have home canned.

Of course, all homemakers should be familiar with the signs of food spoilage for the sake of their families' health and safety. Spoiled food should never be served or eaten. Check for these signs of spoilage each time you open a jar: spurting liquid and gas bubbles; soft, mushy, slimy or moldy food; cloudy liquid; sediment in the liquid; leaking jars; bulging caps; and an unnatural odor. All low-acid foods should be boiled for 15 minutes before tasting. If the liquid foams or the food has an unnatural odor when heated, spoilage is indicated.

is an indication that the fruits were not processed long enough to destroy all the enzymes. Although these fruits can still be eaten, next time be sure to process each fruit by recommended method and for recommended length of time.

If apples, pears, peaches or quinces have a pink, red, blue or purple color, it simply means a natural chemical change has occurred when cooking the fruit. Nothing can be done about it, and the fruit is fine to eat.

When green vegetables lose their bright green color, the process of heating the beans in canning has broken down the chlorophyll, the green coloring matter in plants. However, when green vegetables turn brown in canning, the vegetables were probably overcooked, or were too mature for canning.

Crystals in grape products is an indication of tartaric acid which is naturally found in grapes. Yellow crystals on canned green vegetables are crystals of glucoside, a natural and harmless substance found in vegetables. What about white crystals on spinach? These are calcium and oxalic acid, both found in spinach, which have combined to form harmless calcium oxalate.

Should any other questions come up on canned foods, call your local county home extension agent, or write the Ball Corporation, Consumer Service Dept., Muncie, Indiana.



If fruits darken after they have been removed from the jar, this

Your County Agent Says

The drought has generated many suggestions for reducing irrigation water losses. Some of them provide only limited water savings, according to Jim Burr, Malheur County Extension Agent.

There are, however, some practices that could save significant amounts of water for farmers using sprinkler irrigation systems. This year a water savings of 20 percent could mean the difference between raising a successful crop and having to cut back on acreage.

Sprinkler systems can lose water between the water source and the sprinkler heads if the quick-couplers and fittings leak. The flexible gaskets that seal the couplings often become hard and cracked after years of use and no longer seal.

They should be inspected and replaced if they have deteriorated.

"At the same time, clean any sand and silt from between the gasket and the gasket seat to ensure a water-tight seal," Burr adds.

Once the water reaches the sprinkler head, losses occur by evaporation, run-off and deep percolation.

Evaporation losses. Both wind and high temperature affect the amount of water lost through evaporation, but wind has the greater influence. Water savings of 8 to 15 percent can be made by avoiding periods of high wind.

Run-off losses. When water is applied faster than it can be absorbed by the soil, it runs off. If not collected at a lower elevation and re-used it is lost to the farm.

One method of controlling run-off is to apply extremely light applications at frequent intervals in order to take maximum advantage of surface storage. This will work with center pivot and solid set systems since frequent irrigations with them do not increase labor much.

Set systems such as side-roll, hand-move, and side-move are not adapted to frequent irrigations and must have their nozzle sizes correctly sized to the intake rate of soils to avoid run-off.

In the case of center pivot, eliminating the big gun used to fill the corners may be advisable. It usually doesn't do a very good job of applying water anyway.

Deep percolation. This type of water loss is caused by running the system too long and by extremely poor uniformity of water distribution.

irrigation lines at night. One solution is to have one empty line which can be turned on at night without requiring a move. This would, however, require additional investment.

Where water is obtained from wells or ponds, the system redesigned to correct faults, it is frequently simpler and just as satisfactory to use an offset program with the sprinkler lateral. In effect, this reduces sprinkler spacing by half in one direction for every two irrigations, and no additional equipment is necessary except for a 20 to 30 foot swing line.

This practice can reduce percolation losses by 5 to 15 percent as well as improve crop production.

"Many growers use this offset as a normal operating procedure to obtain uniform cropping through uniform water distribution," Burr says.

irrigation system can be put on a time clock so that it will shut off automatically.

If night moves are unavoidable, all straightening of side-roll laterals should be made during daylight. Then all that is necessary during the night move is to crank up the motor and move the lateral.

"This may mean higher labor costs, but it is probably a worthwhile compromise to make," says Burr.

ADRIAN Business Directory

- Fire Dept. 503-372-2220
St. Police 503-889-6468
- Adrian Mercantile
503-372-2727
208-724-6131
- Adrian Oil Company
503-372-2877
- Bea's Beauty Bar
503-372-2653
- Callahan Repair Service
Wrecker Service
503-372-3213
- Martin's Market
& Adrian Supply
503-372-2722
- Mirage Cafe & Lounge
Live music Sat. night
503-372-2338
- Parker Lmbr. & Hrdwr.
503-372-2433
208-724-6174
- Stephen Plumbing
Ore. & Idaho Licensed
503-372-2783
- Van DeWater Leveling
503-372-2562
- Webb Service Garage
503-372-2464

LEGION AUXILIARY

The regular business meeting of the Auxiliary ARIE #2134 was held. A vote to change the July 5th meeting to July 12.

A crab dinner was held for spouses and wives before the meeting.

Initiation will be on July 12.

PUBLIC NOTICES

Monday, July 11 - District 26, Regular monthly School Board meeting, 8 p.m. at the office.

Tuesday, July 12 - Regular monthly meeting of the Malheur Memorial Hospital Board of Directors will be held at 7:30 p.m. at the Malheur Memorial.

WE NEED VETERANS.

The Army Reserve has positions of leadership to fill. It's a great way for your experience to pay off. Call your local unit for details. It's listed in the white pages of the phone book under "U.S. Government."



THE ARMY RESERVE. PART OF WHAT YOU EARN IS PRIDE.

Activities In Arcadia

By Nell Bowers

ARCADIA - The Arcadia Sunshine Club met with Mrs. Kenneth McGowan, Friday, June 24. There were nine members present. President Amy Stradley opened the meeting. Secretary-Treasurer Ruth Peterson not being present, minutes were taken by Nell Bowers. An interesting gimmick used by the president for roll call, was a list of excuses given by members, "why they could not attend the May meeting." They created much laughter. The picnic was planned for July. Mrs. McGowan served a very nice lunch.

Visitors at the Clyde Bowers home, Sunday evening were Howard and Marcella Sparks. George Moeller was a guest at the Otis Bullard home for supper on Saturday evening.

On May 26, a baby girl was born to Mr. and Mrs. Mike Williams at Immanuel Hospital in Portland. The little lass weighed 7 lb. 15 oz. and has been named Kimeko Ann Williams. Mrs. Williams is the daughter of Mr. and Mrs. Ko Abe of the Arcadia community.

The paternal grandparents are Mr. and Mrs. Wayne Williams of Portland.

Sorry to be so late with this but your reporter has just come home from a month's vacation in Nebraska, visiting the old home town and many relatives along the way. Thanks to the co-operation effort of neighbors and friends of a good son and family, everything was fine, and the garden didn't even miss us.

Sage of Nu Acres

By Cindy Russell

NU ACRES - Mr. and Mrs. Cecil Evans spent four days at the Methodist Church Camp at McCall to prepare the camp for summer use. They left Wednesday and returned home Saturday.

Susan Zeigler had a busy weekend. Friday night she stayed the night at Lenore Collins, Fruitland. Susan then returned home Saturday only to have another friend, Lori Glover of Fruitland, stay the night. Susan and Lori attended church Sunday morning.

Fred Ross returned to Deerpark, Texas after spending a three-week vacation with his grandparents, Mr. and Mrs. Paul Russell. Attending the June 26 wedding of Wayne Traugh-

ber and Connie Davidson at the Brethren Church in Fruitland, were Mr. and Mrs. Paul Russell, Cindy Russell, Mr. and Mrs. Robert Bivins, Marlene and Mike Bivins.

Cindy Russell will be taking Lyn Dohmer's place for the summer writing the Nu Acres news. Please feel free to call her when you have news - 764-2097.

CLASSIFIED ADS

SHOPPER'S GUIDE TO EVERYTHING

THRIFTWAY RAY'S FOOD FAIR

NYSSA, OREGON

COUPON #060-497-00

BETTY CROCKER LAYER OR POUND CAKE MIX

EXP. 7-9-77 W/COUPON

TWO PKGS. PER COUPON

GOOD ONLY AT RAY'S FOOD FAIR

Charmin White or Asstd. 4's BATH ROOM TISSUE

79¢

Effective Dates: July 7, 8, 9, 1977

Western Family No. 1 POTATOES 10 lb. bag **89¢**

Thompson Seedless GRAPES **59¢** Lb.

Cello 2 lb. pkg. CARROTS **29¢** Ea.

Slicing CUCUMBERS Mix or Match **3 FOR 39¢**

Green Bell PEPPERS **3 FOR 39¢**

cantaloupe

4 for \$1

Del Monte BEANS CORN PEAS 16 oz. Mix or Match **3 FOR \$1**

Jif Crunchy or Creamy PEANUT BUTTER 40 oz. **\$1.99**

Crisco SALAD OIL 38 oz. **\$1.59**

Western Family 32 oz. SUGAR Powdered or Brown **59¢**

Western Family Maple SYRUP 22 oz. **59¢**

SHELL NO PEST STRIP **\$1.69**

Purex BLEACH gallon **89¢**

MOP N'GLO 16 oz. **99¢**

Lysol Deodorant CLEANER 40 oz. **\$1.79**

LYSOL SPRAY 6 oz. **99¢**

Velveeta CHEESE 1 lb. **\$1.39**

Stack Pack Singles 1 lb. CHEESE Kraft **\$1.69**

BEEF LIVER Select Sliced **49¢** Lb.

Beef Chuck POT ROAST **69¢** Lb.

7-Bone CHUCK STEAK **79¢** Lb.

Chuck steak Blade Cut **59¢** Lb.

Sigman Hickory Sugar Cured Thick Sliced BACON **\$1.19** 1 lb. pkg.

Western Family LUNCH MEATS Vac Pac Sliced 12 oz. pkg **79¢** Ea.

Western Family BUTTER 1 lb. Prints **\$1.09**

Western Family 303 APPLESAUCE **3 FOR 89¢**

Totinos 13 oz. PIZZA Hamburger, Sausage Pepperoni, or Cheese **79¢**

Booth QUARTER POUNDER 1 lb. **\$1.89**

Fisherboy FISH STICKS 8 oz. **2 FOR 79¢**

Morton FROZEN DINNERS Asstd 11 oz. **43¢**

This Week's Winners

Lupe Apodaca, Josephine Cordoza, Verna Moore, Ellen M. Minium, Jan Bunn
Sarah Galindo, Ralph P. Oliver, Marcella Robinson, Marcella Sparks, Sharon L. Glascock
Mead V. Robb, Merle S. Bake, Helen Otani, Mrs. W.O. Peterson

EVERY FRIDAY NIGHT ON **KTVB** CHANNEL 7:00 PM

PLAY TV'S THRILLING **WIN UP TO \$1,000.**

"Let's Go to the Races"

PROGRAM DATA

\$12,000.00 PRIZE MONEY AVAILABLE

ACTED UP TO WEEK PROGRAM \$175.00

100 WINNERS, 10,000 TICKETS DURING PROG.

100,000 TICKETS ARE BEING SOLD

PROGRAM SCHEDULE: THROUGH SEPT. 18, 1977

SEE COVERED BY MALHEUR GAZETTE/BOISE STAR (MAY 13 WEEKS)

PRIZES MAY BE PAID IN 10 WEEKS

PRIZE DETAILS (SEE TV WEEK REPORT)

WEEK	WINNING POSSIBILITY	NUMBER OF WINNERS
1	\$1,000	1
2	\$500	2
3	\$250	4
4	\$100	10
5	\$50	20
6	\$25	40
7	\$10	100
8	\$5	200
9	\$2	400
10	\$1	800