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A N N U A L N A R R A T I V E R E P O R T

OF

MISS MARGARET BILLINGSLEY

COUNTY HOME DEMONSTRATION AGENT

GRAHAM COUNTY

Safford, Arizona

From December 1, 1945 to December 1, 1946

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### III. SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

Homemakers in Graham County are taking more responsibility for the Extension program than formerly. They still have a long way to go, but the Home Demonstration Agent is pleased to see that women who thought they couldn't give a demonstration or hold an office are now doing both efficiently. Clubs which depended entirely upon the Home Demonstration Agent are spreading their wings so that now they carry on without constant supervision from the Extension Office.

Progress made by the County Council is a good indication of the growing interest in the Extension program and in a county and local responsibility for its success.

Women attending the Country Life Conference returned with a new vision for the county program. Many more women are planning to attend next year.

Each of the eleven communities in the county have been reached by the Extension Service during the year. Some communities have carried a full program while others have shown little interest. Personal visits have been made in each community, but there are still many homes the Agent would like to contact personally.

The mail carries information to a large percentage of the homemakers in the county while the radio and press reach even more.

Nine communities had representatives at the September meeting of the County Council. Method Demonstrations have been given in ten communities.

Homemakers clubs, Women's Clubs, church groups and interest groups have carried parts of the program.

The following projects were presented in Demonstration during the year:

- House and Furnishings
- Poultry Cooking
- Canning With Pressure Cooker Clinics
- Freezing
- Bread Making
- Use of Pressure Sauce Pans
- A Simple Method of Ironing a Shirt (Work Simplification)
- Clothing Storage
- Consumer Speaks Program
- Family Relationships
- Health and Safety

The most popular project has been, "A Simple Way to Iron a Shirt". This practical demonstration which every woman could apply in her own home had a ready response. The principals of work simplification as applied in shirt ironing are being carried over into other home tasks.

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### III. SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

(Continued)

Due to the bread shortage and to the 80% flour a revived interest in bread making appeared throughout the county. The results of the demonstrations were gratifying to the homemakers and to the Home Demonstration Agent.

Now that the war is over many homemakers are interested in re-modeling or in building new homes. Some individual assistance has been given and plans have been made to carry housing as a project in 1947. The Home Demonstration Agent has served on the State Extension Housing Committee and attended the housing school held at the University for all Agricultural Agents and Home Demonstration Agents.

Co-operation with community organizations has been a part of the Agent's program. She has served on the information price panel of the O. P. A.; as a member of the Red Cross Food and Famine Committee; as consulting nutritionist for the County Red Cross; as chairman of the Home and Family Life Radio Committee of Gila College and has assisted churches, schools and other organizations in planning programs and serving on committees.

Six Graham County Homemakers attended the Country Life Conference at the University, and Graham County Council of Homemakers had an excellent educational exhibit on freezing foods at the State Fair.

The services of an Assistant Home Demonstration Agent for the three summer months was a boost to 4-H club work. Much more could be accomplished in 4-H if there was a full time county 4-H worker. Thirteen clubs with a membership of one hundred fifty-six girls were active during the year. Needed leaders are beginning to volunteer, but there are still several communities where boys and girls want club work, but no leader has responded. A need for leadership training is very evident.

Graham County and Arizona were very proud of the two State Winners; Ethel Burrell in Clothing Achievement and Ruene Evans in Dress Review. Both attended the Twenty-fifth National 4-H Congress in Chicago where Ethel won national honors receiving a two hundred dollar scholarship.

The Graham County Home Demonstration Agent accompanied the Arizona delegation of six girls and three boys to Chicago. Mr. Kenneth McKee, State 4-H Leader also attended.

Miss Jean Stewart, State Leader of Home Demonstration Work was in the county four days assisting with organization and planning. The clothing specialist spent four days in the county and the nutrition specialist two days.

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III. SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

A. Statistics

Months in Service.....	12
Days in Graham County.....	254 3/4
Days in Field.....	136 3/4
Days in Office.....	118
Days Spent With Adults.....	175
Days 4-H Club Work.....	79 3/4
Home Visits.....	302
Different Homes Visited.....	195
Office Calls.....	434
Telephone Calls.....	360
Bulletins Distributed.....	3135
Letters Written.....	665
Circular Letters Prepared.....	8
Copies of Circular Letters.....	1675
News Articles.....	58
4-H Clubs.,.....	13
4-H Membership.....	156
Demonstrations Given.....	39
Attendance.....	827
Other Extension Meetings.....	82
Attendance.....	2642
Miles Traveled.....	4954

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### I. Extension Organization and Planning

##### A. Homemaker's Council

Graham County Council of Homemakers had two meetings during the year, one in the spring and one in the fall. Miss Jean Stewart, State Leader, was present at the fall meeting and contributed greatly to the success of the program. Plans were made for the State Fair Exhibit and for carrying out the Extension Program during the year. Nine communities were represented. This group is growing in interest and numbers and are gradually beginning to take over a little of the responsibility.

Plans are that housing and children's clothing will be the two main projects for 1947. Work has been carried on in eleven communities through nine organized groups. In most of these communities the program is carried by church groups. Three communities have regular homemaker clubs which meet once a month while two other organized clubs meet at intervals. Some of the work has also been through special interest groups.

The women at Fort Grant want to reorganize and the Agent has had several meetings with them during the year but since most of the women move to town during the week in order to put the children in school it is very difficult to find time when they can get together.

Home visits were made to the ranches in Sunset area for the first time. These people live in Graham County, but are nearer shopping centers in Cochise so contacts with them have been very few. These homemakers have expressed a desire to organize a club so an early meeting is planned with them.

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### I. Extension Organization and Planning

##### B. Extension Schools

#### RADIO SCHOOL

Two days were spent in Phoenix attending a radio school conducted by Kenneth Gapen, Western Radio Director and Advisor. Every person present was given the opportunity of recording a broadcast and then having it played back for criticism. Following the criticism and Mr. Gapen's instructions, a second recording was made. All Extension workers felt better prepared for radio work after having attended this school. Mr. Gapen emphasized over and over that programs should be given simply - in simple language and manner.

#### HOUSING SCHOOL

As reported under housing, a school was held at the university in order to train Extension workers in the housing project for the coming year. Miss Jean Stewart, who attended summer school in Colorado on housing and Mr. Donald Hitch, who attended a housing school in Illinois, gave us the benefit of their training.

Other members of the staff and specialists in building, contributed to the program.

#### ANNUAL CONFERENCE

Annual Extension Service Conference was held at the university in December, 1945. How to Plan an Extension Service Program was the main theme of the conference. Time was also given to a thorough discussion of the 4-H club program. Part of the conference consisted of joint meetings while other days were given to separate meetings of Home Demonstration Agents and County Agents.

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### I. Extension Organization and Planning

##### C. Publicity

Publicity has been presented through the local county paper which carries a regular column of the Home Demonstration Agent. Also, news items are published regarding homemaker's meetings, leader's training meetings, and other items of interest. A few radio programs have been given throughout the year.

Plans are now in order for a combined weekly program to be given with the County Agricultural Agent. The County Agricultural Agent and Home Demonstration Agent gave a one-half hour program on the history of the Extension Service in Graham County.

Programs have been given on freezing foods, home beautification, Country Life Conference, and 4-H work. Talks have also been given to church and Woman's Clubs.

The following articles have been published in the weekly papers:

"How Healthy Are We"  
"Reduce Holiday Fire Hazards"  
"Menu For Holiday Dinner"  
"Stuffing and Trussing the Bird"  
"Steam Carrot Pudding With Cider Sauce"  
"Reasons for Raisins"  
"Apple Dumplings"  
"Popability" (Restoring popcorn that does not pop)  
"Preserving Pecan Meats"  
"Corn Dodgers"  
"Bleeding Gums"  
"Vitamin C Foods Are Plentiful"  
"Are You Buying Blindly"  
"Crackling Bread"  
"Inflation - Our Responsibility"  
"Home Canned Biscuits"  
"Staff of Life"  
"White Sponts on Furniture"  
"Clean Iron"  
"The House of 7 (basic) Staples"  
"Choosing the Cleaner"  
"Substitute for Sour Milk"  
"Home Canned Fruit"  
"Ways to be Thrifty With Bread"  
"Strawberries for Snow Time"



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#### IV. PROJECT ACTIVITIES AND RESULTS

##### I. Extension Organization and Planning

##### C. Publicity (Continued)

"Egg Quiz"  
"The Dangerous Room"  
"Potato Bread"  
"For Fat and Thin"  
"Squash"  
"Mid-Summer Care of Baked Goods"  
"When Buying Blankets"  
"Scissors and Shears"  
"Freezing Varieties"  
"Graham County Council of Homemakers Meeting"  
"Cabbage and Apples"  
"Graham County Girls Win Trip to Chicago"  
"Sweet Potato Time"  
"Jar Lids"  
"Cure for Shine"  
"Cooking Vegetables"  
"Glazed Apples"  
"Pressure Cooker Clinic"  
"4-H Girls To Chicago on Thanksgiving"  
"First Aid for Ailing Budgets"  
"Graham County Council Meeting"  
"Embroidery Judging"  
"Attention Santa Claus"  
"Mildew Under Cover"  
"Soap Action"  
"4-H Girls Return From Summer Camp"  
"Washday Back-Savers"  
"Valuable Trimmings"  
"Buying a Roaster"  
"Easter Necktie"  
"Potato Topping"  
"Potato Dumplings"  
"Potato and Onion Soup"

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### I. Extension Organization and Planning

##### D. 4-H

A new policy regarding 4-H organization has made a good beginning. Instead of searching the communities for leaders, the Home Demonstration Agent has decided to make each community responsible for their own leaders. If they do not secure leaders they will have to sacrifice 4-H club work. At first this seemed to be rather a strict method, but the results, though slow, are proving that it is a good policy. The Agent is freed from spending much time in searching out leaders; the communities are becoming more aware of the 4-H program; the clubs have a firmer foundation and the leaders take more responsibility. Some communities are still without clubs, but gradually more are requesting the organization of a 4-H club. Six women have called the Agent saying they would like to lead a club.

This policy has also led to a request from the leaders that a County Council for 4-H work be organized.

In the girls work, the time is now ripe for a county organization, but it is felt that it should be postponed until the boys club work is also ready, thus uniting boys and girls club work in Graham County.

A much needed county 4-H club leader would be a wonderful asset. More time and concentrated effort than either the Agricultural Agent or the Home Demonstration Agent can give, would result in expanded and more efficient club work. Such a leader would, also, automatically bring about unity of boys and girls work.

During June, July, and August, Miss Louise Jones, a Home Economics teacher in the Safford school acted as Assistant Home Demonstration Agent, giving most of her time to girls club work. Several new clubs were organized under her supervision and all members and leaders received more personal guidance and training than is possible with the Home Demonstration Agent carrying both adult and 4-H club work in two counties.

Thatcher had four successful clubs; one in clothing and one in foods which were in their third year of club work. Then, in the summer Miss Jones was able to organize two new groups in clothing and foods. In the fall of 1946, upon request, two clubs have been organized in the school in Thatcher under the leadership of the Home Economics teacher.

Pima also has two clubs in their school with the Home Economics teacher as leader and during the summer three clothing groups had weekly meetings.

Ashurst and Ft. Thomas have continued with their small group of girls, but due to irregular transportation facilities on the part of the leaders this group has quite a struggle.

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### I. Extension Organization and Planning

##### D. 4-H (Continued)

Central came to the front again this year by calling the Agent to say that they had a leader and wanted to re-organize. These girls are doing excellent clothing work, taking ribbons at the county and state fairs.

Two clubs in the school in Solomonville were organized with a large enrollment, but with illness of one of the leaders and conflicts with girls athletics the number decreased, with only a few completing. One group with a two-thirds Spanish American membership had a Spanish American leader but certain members of the school board objected to a "Mexican" leader. In order to complete the work of the year the Home Demonstration Agent attended the remaining meetings acting as assistant leader. For 1946-47 a Spanish American club is being organized in the home of their leader, the mother of one of the girls.

With change in teaching personnel at the Gila Junior College and with the Agent on sick leave at the time for organization of a leaders club in connection with the college, this project had to be dropped for this year.

Three hundred people attended the county 4-H fair held at Gila College with all clubs exhibiting.

Seven girls from Graham County attended the State 4-H camp.

Specialists and State 4-H club leader assisted five and one-half days with 4-H work in the county.

The two summer clubs of Safford have continued to do splendid work. Weekly meetings during vacation with occasional meetings during the school year have kept the members active. Two from this group, Ethel Burrell in Clothing Achievement and Ruene Evans in Dress Review, were State winners, receiving a trip to the Twenty-fifty National 4-H club Congress in Chicago. Here Ethel Burrell was a national winner, receiving a two hundred dollar scholarship award.

The publicity received through these winners has been a big boost for 4-H club work in Arizona. The inspiration received by the girls at the Congress is being passed on to other club members. Both girls will be leading clubs in the coming year.

##### 4-H Records

The Home Demonstration Agent served on the State 4-H record committee. A trip was made to the University for meetings. After reviewing many types of record books, the committee finally decided on compiled record books for Arizona. Each club member will be given a record book cover in which he will place record sheets for each project being carried. These

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### I. Extension Organization and Planning

##### D. 4-H (Continued)

record sheets will be supplied in mimeographed form.

After working out forms for recording the various projects, samples were sent to county workers for criticism and revision before being printed. It is hoped these new record books will be ready for use by 1947.

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### II. Housing and Furnishings

The national housing need affects Graham County as well as other parts of the country. Even though materials are scarce many houses have been built in the country throughout the year. Preliminary to the housing conference held at the University in October an effort was made to get an approximate idea of how many people have been building or planning to build in Graham County. Reports were received from five communities. At that time seventy-five homes had been built during the year. Approximately the same number have been remodeled. Every person reporting stated that they had plans for either remodeling or building within the next five years. This is a real challenge to the Extension Service and in order to meet it the state has been working on a housing program. A housing conference for County Agricultural Agents and County Home Demonstration Agents was very beneficial in giving worthwhile information. Contractors, lumber men, electricians, and health department representatives were on the program. In the new year this program will be presented on a county basis, working with the entire family. The Graham County Home Demonstration Agent has worked with the State Extension Housing Committee in preparing for this program.

Individual assistance has been given upon request from homemakers who have been remodeling or planning for building. Planning a home to suit the family has been the emphasis with these people. In one community an interest group held a discussion on planning the home.

As the follow-up of the meetings held last year on putting new life into old furniture, demonstrations were given in 1946 on decorating curtains, chair backs, scarfs, etc. with the use of stencils. This has been an effective inexpensive way to add color to small uninteresting rooms. The use of colors in the home has been a part of the demonstration.

The isolated community of Aravaipa has been especially interested in potted plants so through their homemakers group they had an experienced woman on the planting and care of house plants. The Home Demonstration Agent, cooperating with the Agricultural Agent, has given some assistance in yard beautification.

After making four visits with the County Agricultural Agent to homes where suggestions were given as to care of present plantings and ideas for future plants the County Agent wondered if any of the suggestions would be followed. One week later, when the Home Demonstration Agent called to see if anything had been done, it was found that every suggestion had been carried out.

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### II. House and Furnishings (Continued)

Miss Bertha Virmond, Agent at Large, spent four days in the county giving demonstrations on rug making. She worked with the Home Demonstration Agent collecting materials, sorting, and preparing for the scheduled meetings. The first demonstration was given in the Safford Ward Church with the following groups represented:

The Safford Ward Church, Layton Ward Church, Aravaipa Homemakers, Thatcher Homemakers, Thatcher High School Home Economic Club, and a group of cooperators.

Fifty-seven people attended this all day meeting.

In the morning Miss Virmond showed the different types of rugs and taught simple techniques, and in the afternoon each leader made illustrative material and others started making rugs which especially appealed to them.

Tuesday being election day and also Relief Society day a meeting was not scheduled, but a request for it came from some leaders in Central so they were met by a night meeting. Twenty-one were present including leaders from Pima, Central and Thatcher. A special interest group of Safford met during the day in order to see the rugs and ask questions. This group of five had made rugs before and wanted to get new ideas.

On Wednesday an all day meeting was held at Ashurst with six leaders from three groups - Pima, Ashurst Relief Society, and Ashurst Homemakers.

Fourteen different groups were represented at the series of meetings with a total attendance of eighty-nine. Many home made rugs were on exhibit and almost every one brought rugs which added to the interest of the display. Instructions were given on framed rugs, crocheted rugs, braided rugs, woven rugs, burlap rugs and safety pin rugs. Rug frames, cleaning rugs, use of rugs in the home, repair of rugs, and special rug gadgets were all included in the program.

The women were very grateful to Miss Virmond for her time and unlimited supply of information.

The Ashurst club scheduled a rug making meeting later in the month but the Agent has had no report regarding this meeting. The Aravaipa leaders reported an excellent meeting with fifteen women present to receive the instructions as given by the leaders.

During November some of the leaders took the instructions to the clubs while others have planned to use the instructions during the coming year.

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### II. House and Furnishings

###### A. 4-H

One advanced club member completed her "Own Room Project". The room was re-painted, new floor covering put on, new furniture purchased, and curtains, bed spread, etc. made. The clothes closet was rearranged with shelves and storage boxes added. Most of the work was done by the girl herself. Ethel cared for her brother's children in exchange for his work in painting her walls.

Other members have completed smaller units of work on improving the home. A new project book which is expected from the State Office in the near future will be an incentive for home improvement to be carried by more girls.

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### III. Nutrition

With the close of the war the interest in nutrition has declined slightly. However, the scarcity of certain foods and the rising prices means that many families are forced to put planning into their meals.

In demonstrations given on preparation of poultry for cooking and bread making, summer meals, and the uses of pressure sauce pans adequate diets have been stressed. Any lesson on preparation of foods is a nutrition lesson. Articles have also been carried in the Agent's weekly column in the county paper and each community has a nutrition leader who is supplied with bulletins and information from the Extension Service. With the groups who have all day meetings it is possible to give more help and guidance as their pot luck dinners are usually planned so that the meal will be a nutritious one.

The State Public Health Nutritionist, Mrs. Anesta Todd Barr, brought a request to the Agent for assistance for the meal planning at the State Boy's Industrial School which is located within the county. Following a conference with the Superintendent of the school and Mrs. Barr, arrangements were made for the Agent to visit the dining room from time to time and give suggestions. Visits have been made to the dining room and suggestions for improvement made, but in most cases it seems that the cooks of the institution felt that they were doing an excellent job which needs no improvement. Arrangements have been made for the present head cook, who has had no training, to spend three weeks in the dining room at the University under the supervision of the University Nutritionist.

Many requests have come for the U. S. D. A. Bulletin on Infant Care and Feeding.

The County paper has carried the following articles in the Home Demonstration Agent's column:

- "How Healthy Are We"
- "Menu For the Holiday Dinner"
- "Stuffing and Trussing the Bird"
- "Steam Carrot Pudding"
- "Reasons for Raisins"
- "Apple Dumplings"
- "Popability"
- "Preserving Pecan Meats"
- "Corn Dodgers"
- "Bleeding Gums"
- "Vitamin C Foods"
- "Crackling Bread"
- "Home-canned Biscuits"
- "Staff of Life"



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IV. PROJECT ACTIVITIES AND RESULTS

III. Nutrition (Continued)

"The House of 7 (basic) Staples"  
"Substitute for Sour Milk"  
"Home Canned Fruit"  
"Ways to be Thrifty With Bread"  
"Egg Zuiz"  
"Strawberries for Snowtime"  
"Cooking Vegetables"  
"Potato Bread"  
"Squash"  
"Mid-Summer Care of Baked Goods"  
"For Fat and Thin"  
"Freezing Varieties"  
"Cabbage and Apples"  
"Sweet Potato Time"  
"Jar Lids"  
"Glazed Apples"

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### IV. Food Preservation

In preparation for the canning season pressure cooker clinics were held in six communities. Eighty-nine pressure cookers were cleaned and tested. In the majority of cases the release valves leaked, this usually being due to the fact that they had not been cleaned regularly. Severe corrosion had occurred in many cases. There was an improvement in care, over previous years, but in spite of yearly clinics, publicity and constant talking some people do not realize the importance of careful handling and care of a pressure cooker. Several release valves had to be forced open; in one case the ball had been sealed in place with gum, so the owner could visit her neighbors and it wouldn't pop off while she was gone. She did not know the danger involved, but she now is not only careful herself, but is giving her neighbors instructions. Several new gages were recommended. Here, again, the condition of the gage does not depend upon the age of the cooker, but upon care given.

Other cookers have been tested in the home of the owner and in the home of the Agent.

More complaints, regarding jar lids not sealing, have been received this year than during the war years. Individual homemakers and the Agent wrote to the Kerr Canning Company, but no helpful answer was received. They suggested that sufficient heat and pressure had not been applied, but many lids having gone through the pressure cooker canning process had not sealed and experienced canners were having as much difficulty as anyone.

The most frequent inquiry has been, "How can we can without sugar?" and "Can I use corn syrup or honey in canning?" A circular letter on using honey and corn syrup for canning was mailed to four hundred and fifty persons. A recipe was included for "invert sugar", as developed by the Florida Experimental Station.

Due to a good fruit crop more peaches, apples, and pears were canned than in the past two years. Corn and string beans headed the list for vegetables.

Upon the advise of the Agent, the boys from the State Industrial School were brought in forty-five miles to the canning center in order to can plums and apples from their farm. Approximately three thousand cans were preserved, but it was a great disappointment to learn that nearly every can spoiled. Those in charge of the canning center feel that the spoilage was due to the carelessness of the boys, in removing the bad spots, etc. Since most of the spoilage occurred in the No. 10 cans, while most of the No. 2 cans kept, there is a question as to the seal.

##### FREEZING

Freezing as a method of preservation is growing in popularity. The one

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### IV. Food Preservation (Continued)

freezer-locker plant in the county reports a capacity number of patrons at all times. An average of five hundred pounds of meat per day is prepared at the plant for freezing.

Peaches and a small amount of other fruits and a few vegetables have been placed in lockers. As the plant offers no service in fruit or vegetable preparation the Agent has been putting emphasis on this phase of freezing. Four demonstrations with an attendance of ninety-four, were given on the preparation of fruits and vegetables for freezing. Peaches, previously prepared by the Home Demonstration Agent, using sugar and several sugar substitutes were shown for comparison. Peaches, string beans, and corn were prepared in the demonstration. An exhibit of many different types of containers and wrappings attracted interest.

The locker plant has improved its methods of preparation and use of containers due to the Agent's suggestions.

Having a locker for the purpose, the Agent is constantly experimenting with different varieties and different methods of preparation.

Gradually, more rural people are purchasing home units. These are especially valuable on the ranch homes for preserving meat.

Discussion meetings on choosing a freezing unit for the home have been held with groups and with individuals.

Two radio talks on freezing have been given and four news articles published.

For their State Fair educational exhibit the Graham County Council of Homemakers had a display of freezing equipment and containers. Pictures of Graham County Homemakers preparing foods for freezing were on display.

Circular letters on points to consider on purchasing a deep freeze unit were sent to three hundred and ninety-six people.

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### V. Food Selection and Preparation

Even though bread making demonstrations were given throughout the county two years ago there has been a revived interest in this subject. During the time that 80% flour was on the market large numbers of questions regarding bread making were answered. At this time three demonstrations with one hundred and forty-two people were given on the use of whole wheat flour and 80% flour. These demonstrations brought a flood of requests for recipes used. Special emphasis was given to the handling of the dough. A few fancy rolls and coffee cakes were included.

"Since your demonstration the women of the community have had such excellent success in their bread making that others are asking how it was done. Will you please send me a supply of mimeographed sheets on bread making so that I may pass them on to others." So, goes a letter received from one of the homemakers who attended a bread demonstration given at Ashurst.

Two groups had demonstrations on the planning and preparing of summer meals. These demonstrations were results of requests received of what to serve besides sandwiches for the noon meal. Each homemaker brought her favorite summer dish and the Agent discussed the planning of the meal and demonstrated the preparation of two one dish meals.

With the new pressure sauce pans appearing on the market there have been many questions connected with their efficiency and use. At the three demonstrations given on the use of these pans it was found that many women who had pressure sauce pans were not caring for them correctly and were not following directions as to their uses. Another woman wanted to know what make would be best for them to purchase, so five different types were used in the demonstrations.

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### V. Food Selection and Preparation

###### A. 4-H

The Thatcher foods club, Kitchen Kommandos, have done excellent food preparation work under the leadership of Mrs. Lucille Griffin. Many mothers have expressed their appreciation to the Agent for the progress their daughters have made. On Achievement Day this group served an excellently prepared dinner to their mothers and fathers. An enjoyable program followed the meal.

Other club members have carried food projects, though they belonged to a clothing club.

For 1946-47 two new foods clubs are carrying on projects in Pima and Thatcher.

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#### IV. PROJECT ACTIVITIES AND RESULTS

##### VI. Health and Safety

Health and safety have been approached from several different angles. The dire need of public health service and a hospital has been felt to such an extent that the Homemakers Council appointed a committee to look into the matter. A cooperative meeting with the F. S. A. at which time representatives from all county organizations were invited was held to discuss the possibilities of establishing a county hospital, which would be available to all people. Medical representatives of the F. S. A. were present to explain what might be done. This led to other groups such as the Rotary Club, Women's Clubs, Chamber of Commerce, etc. showing an interest, each from its own group. To date no definite united action has been taken, but the Chamber of Commerce is planning to continue with the program. The Extension Homemaker groups will cooperate where needed.

State Public Health Authorities state that insufficient funds and personnel make it impossible to do anything toward the establishment of Public Health Service in Graham County.

Two communities have been given some help with community problems. The fluorine content of the Pima water system still remains an unsolved problem due to the fact that the private owner of the system is not willing to go to the extra expense of filtering the water.

Mr. Owens, The County Agent, has been working with the community of Eden on the possibility of installing a town water system. At present these people are hauling all of their water from a storage tank about two miles from town. Arrangements have been made for the F. S. A. to send in an engineer to make a study of available water and costs of bringing this water to the homes. The Home Demonstration Agent has attended community meetings on the subject, speaking to the group on the effects of fluorine on the teeth, and the importance of finding a water supply which is free of fluorine.

Safety in the home and fire prevention have been kept before the people, through the papers, by a circular letter and by discussions at community meetings. An article giving instructions on "Fire proofing Christmas trees" was published in the county paper. This method of treatment was taken from the U. S. D. A. Bulletin. A report of the committee on "Rural Health Service and facilities in Arizona" was published in its entirety. Another article called "Wake up" was an effort to make people realize the importance of preventing accidents.

Margaret Billingsley  
Graham County  
1946

#### IV. PROJECT ACTIVITIES AND RESULTS

##### VI. Health and Safety

###### A. 4-H

Every 4-H member is urged to stress health rules. Checks are made from time to time as to progress along this line. Most clubs choose one phase of health such as sleeping or care of hair for all to work on for several months.

Complete physical examinations have been the result of camp attendance. Several unknown defects have been found and corrected as a result.

Safety programs have been included in the regular club activities, but have not been carried as separate projects.

Margaret Billingsley  
Graham County  
1946

#### IV. PROJECT ACTIVITIES AND RESULTS

##### VII, Clothing and Textiles

"Ironing shirts is fascinating" has been the greeting of two women from different communities. Neither of these women liked to iron before, but by using the method as given in the Cornell Bulletin "A Simple Way to Iron a Shirt", they have become interested in cutting down on motion and time. Nine demonstrations on this method of ironing a shirt have been given to 232 women. The principles applied have been carried over into other household tasks, thus making housework more interesting and resulting in new ways of saving time and energy.

Women have been interested in passing the ironing technique on to others. There has been a constant demand for the bulletins and the wide ironing board has proven to be of value in ironing linens and other flat work. In some instances a table is used.

##### CLOTHING STORAGE

The clothing storage project of 1945 was carried over into 1946. After making shoe racks, storage chests, divided drawers, etc. the question of rearrangement of the closet, making the most of available space was studied. At a leaders meeting held by Miss Loréne Dryden, Extension Clothing Specialist, points to be considered when planning for storage space - whether in rearranging an old closet or planning for a new one - were reviewed. The women listed all garments and articles they had for storing and measured the required space needed for each. From these facts closets were planned. Several women have completed the plans made on that day. One was a closet built across the end of a large bed room which previously had no storage space. Another was the utilization of space behind a door.

A result demonstration established in the home of Delia Killingsworth in Pima has been partially completed. An area in the bath room for storing linen, blankets and other bedding was divided according to the exact space necessary to care for each article. Mrs. Killingsworth is doing the work herself, but has been hindered by the lack of ply board.



Margaret Billingsley  
Graham County  
1946

#### IV. PROJECT ACTIVITIES AND RESULTS

##### VII. Clothing and Textiles

###### A. 4-H

More girls in Graham County have carried clothing as a project, than all other projects added together. Some excellent work has been done; ribbons having been received at both the County and State Fairs.

Two girls, Ruene Evans, in Dress Review and Ethel Burrell in Clothing Achievement, received trips to the Twenty-fifth National 4-H Club Congress, by being state winners in their respective projects. Ethel received a two hundred dollar scholarship by being one of the twelve national winners. Both of these girls make nearly all of their own clothes.

Besides clothing construction, clothing selection, care and storage are included in all clothing projects.

One hundred twenty-three girls completed clothing projects, making six hundred forty-eight garments and remodeling one hundred twenty.

Margaret Billingsley  
Graham County  
1946

#### IV. PROJECT ACTIVITIES AND RESULTS

##### VIII. Family Economics and Home Management

With some new equipment appearing on the market during the past year housewives have been anxious to know just how and what to buy. Most of them feel they want to go slowly, buying only the best. Questions regarding electric mixers, vacuum cleaners, ice boxes, stoves, irons, freezing units and pressure sauce pans have been brought to the Agent. Bulletins put out by the Agricultural Extension Service of the University of Arizona on "Selecting a Range", "Selecting a Washing Machine" and "Selecting a Refrigerator" have been supplied many in order to help them solve their buying problems.

Demonstrations on the use of pressure sauce pans have been given and as an article headed "Are You Buying Blindly?" was published in the paper. The Agent has served as a member of the O.P.A. information Price Panel in order to keep the rural women informed and to interpret their view point to the panel. Ceiling price lists were furnished rural homemakers.

Outlines as furnished by the "Consumer Speaks" program were used with homemaking groups. Discussion meetings on clothing and household textiles, bread and meat were based on these outlines.

Work simplification has continued to be stressed, especially in connection with demonstrations on ironing. Women are applying the principles to other household tasks, thus saving time and energy.

Margaret Billingsley  
Graham County  
1946

#### IV. PROJECT ACTIVITIES AND RESULTS

##### IX. Family Relationships

Eight simple logical steps as an aid to problem solving, as given by Mrs. Lydia Ann Lynde have been used in discussion groups and in individual counseling. One rural homemaker reports that she, her husband, and two teen age children decided to face the fact that they were quarreling at home; the son was never satisfied with his family, was always going out at night and in general they were not the happy family they used to be. By facing the problem frankly and finding the cause for the unrest, they set about immediately to work out a solution. The result is that instead of living in the same building with their country store, they have moved into a nearby house; instead of having the store open from the time they arise in the morning until time to go to bed, they have definite opening and closing hours and all are home for the evening rather than hanging around the store. Meals are now a family gathering time where they may sit relaxed and enjoy each other's fellowship. Each child has home responsibilities which they have accepted with pride and they report that there have been no quarrels under the new arrangement and the son prefers to spend his evenings at home instead of going with the gang when they toot for him.

In this same community a group of the women are working on a plan for helping a shy young man to become more adjusted to his surroundings.

Margaret Billingsley  
Graham County  
1946

#### IV. PROJECT ACTIVITIES AND RESULTS

##### X. Recreation and Community Life

Recreation is a very necessary and important part of the program in isolated communities, but in most of the Graham County Communities the Mormon Church has a very extensive program which supplies this need.

The monthly all day meeting of the Aravaipa Homemakers Club being about the only time they see each other, feel that the value received from recreation is vital. Games, picnics, Thanksgiving and Christmas Dinners, and birthday parties have become an established part of their program. This scattered ranch community has no church or other organized group. A yearly book review has also been included in their program. The Agent makes an effort to be a part of as many community activities as possible, especially those groups which serve the county as a whole. It is impossible to accept all the invitations to take part in local functions which come from all the communities.

In connection with the Gila College bi-weekly radio programs the Home Demonstration Agent has served as chairman of the Home and Family Life Committee. This committee presents programs from time to time. The Agent has given two of the programs, while the others have been given by a florist in gardening, one by a teacher on child training, etc.

Throughout the year the Agent served as a member of the Information Price Panel of the O.P.A., which gave her the necessary information to pass on to the consumer.

As a member of the Red Cross Food and Famine Committee newspaper publicity was handled and other plans carried out for information to the public as to the reasons for and ways of saving bread and fats.

The Agent has also acted as consulting nutritionist for the county Red Cross organization.

Churches and schools have been assisted at various times by complying with their requests to serve on planning committees and in giving talks.

These groups have all been exceedingly cooperative in the use of their buildings and in assisting the Agent with her program.

Margaret Billingsley  
Graham County  
1946

#### IV. PROJECT ACTIVITIES AND RESULTS

##### X. Recreation and Community Life

###### A. 4-H

Individual clubs have included parties and picnics in their programs for the year. Some clubs have special recreational programs while others devote a short period of each meeting to singing, games, etc. The 4-H club songs are known by the majority of members in Graham County.

Twice during the year Penny's window carried an interesting display of 4-H clothing. The articles were so attractive that many wished to purchase them.

Upon request, the Home Demonstration Agent gave a talk to thirty-two high school girls of the F. H. A. Club on "Success in Life". A talk was also given to the F. H. A. District meeting.

4-H awards were presented by the Home Demonstration Agent to 4-H members in Solomonville at their annual honor assembly. The principal made the introduction by saying that he considered the 4-H club work the most important activity in the school.

In a community parade on Mormon Pioneer Day, the Pima 4-H girls had a beautiful float.

###### State Round-up

Plans were made for attending the first round-up to be held since the war. All Graham County records were in and girls ready with demonstrations etc. when word was received that due to a polio epidemic it had to be called off.

###### 4-H Camp

Seven girls from Graham County enjoyed the relaxation and inspiration of the State 4-H camp held for ten days, July 10-19, in the mountains near Payson, Arizona. Camp Geronimo, a Boy Scout Camp, with its mountain stream, swimming pool, etc. offered a wonderful opportunity for a variety of recreational activities.

The Assistant Home Demonstration Agent in Graham County had the supervision of the largest girl's cabin and some of the tents. The Home Demonstration Agent gave help when needed with the girl's supervision and also helped with the handi-craft classes. She also arranged and led the Sunday Services held on top of a mountain. The staff and 4-H girls and boys joined in making this a time of quiet worship and inspiration.

Margaret Billingsley  
Graham County  
1946

IV. PROJECT ACTIVITIES AND RESULTS

X. Recreation and Community Life

A. 4-H (Continued)

The State Highway Department furnished a touring car, which carried seven passengers, and a dump truck which took three passengers and the baggage. The Home Demonstration Agent also carried seven passengers in her car. Girls from Greenlee County were also in the group. It took twelve hours to cover the one hundred eighty miles of steep mountain grades.

Margaret Billingsley  
Graham County  
1946

#### IV. PROJECT ACTIVITIES AND RESULTS

##### XI. Fairs and Achievement Days

###### COUNTRY LIFE CONFERENCE

For the first time since the war a Country Life Conference for the rural women of Arizona was held for three days on the University of Arizona campus. The one hundred and twenty-seven women from thirty communities and seven counties had a wonderful time enjoying dormitory life, eating their meals in the dining room and attending classes. Only six Graham County homemakers attended, but their enthusiasm over three days free from home duties, with the rich fellowship of other country women, and the knowledge gained has spread to such an extent that many have already been asking when the next conference will be held.

Housing was one of the interesting subjects of the conference with the women still talking about the housing tour which gave them an insight into possibilities of improving their own homes.

###### STATE FAIR

The Arizona State Fair was held for the first time in six years. The Graham County Council of Homemakers desired to have an additional exhibit in connection with the Extension Service display so a committee of three met and made plans for a freezing exhibit. Very few individual entries were made from this county. It is hoped that next year there will be a larger display.

Margaret Billingsley  
Graham County  
1946

#### IV. PROJECT ACTIVITIES AND RESULTS

##### XI. Fairs and Achievement Days

###### A. 4-H

The Graham County 4-H fair held for one day at the Gila Junior College in Thatcher was declared a success. On the same day the boys had their junior livestock show, but the programs were entirely separate. The Home Demonstration Agent hopes that in the future these two events may have a joint program.

Gila Junior College cooperated in giving the use of their rooms and in serving twenty-five cent lunches. Miss Diamond, the Home Economics teacher and her college girls gave assistance throughout the day and following the dress review had a beautiful reception for all attending.

Miss Bertha Virmond, Agent at Large, gave three days of assistance; one in helping the Agent assemble materials and two in judging and assisting in general.

Approximately three hundred people reviewed the exhibits and attended the program, which included the dress review.

The quality of work and exhibits has improved each year. Ribbons are given on the basis of quality of work rather than on a competitive basis. No awards, other than ribbons, are made.

During the year each individual club held an achievement day, at which time parents and friends were invited to see the results of the year's work. An interesting program is always presented and pins are given to those completing their years work.



Margaret Billingsley  
Graham County  
1947

## V. OUTLOOK

Beginning with the year 1947 the housing program is expected to be the main project. Since housing from the point of view of construction will be of interest to only certain people this will be done through interest groups. The question of remodeling, painting, etc. will concern nearly all people in the county. "Plan before you remodel or build" is the key phase of the program.

Children's clothing is to be a project which has been requested for some time. During the war years materials were so short that this was postponed until a time when it would be easier to purchase the necessary yardage in order to make children's clothes.

With the present foundation, it is the hope of the Home Demonstration Agent that the Extension program will become more the responsibility of the County Council and the Homemakers of the county with more leaders taking their share of carrying the program to their groups.

4-H work has a good outlook, especially since two girls have attended the National Congress in Chicago. However, a full time 4-H county leader is needed if 4-H work is to increase. At present it is impossible for the Home Demonstration Agent to properly carry both adult and 4-H work in both counties. The Home Demonstration Agent hopes that a county or district camp may be established. A camp nearer home would serve many more of the 4-H members. The state camp has been valuable but only a few could attend as transportation difficulties present a problem. Two sites on Graham mountain, (1) the Boy Scout Camp and (2) cottages at Columbine, have been investigated and it seems that either place might be developed into a county or district camp.

The radio and press will be used more during the coming year. Plans are now in the making for the Home Demonstration Agent and the County Agent to have a combined weekly program. Publicity and additional material will be presented through the newspaper. Bulletins will be distributed and circular letters mailed.

Projects will be presented through method demonstrations, result demonstrations, leaders' meetings, interest groups and through such groups as the Woman's Clubs, church groups, P. T. A., etc.



Packaging Vegetables in Preparation  
For Freezing



Blanching Corn in Preparation  
For Freezing.



Putting stockinet On Chicken in  
Preparation for Freezing.



Wrapping Meat For Freezing



4-H Float in Pioneer Day Parade

Pima, Arizona











## 4-H Winners



Ruene Evans of Safford, made this fuchsia dressmaker suit, matching hat and flock-dot chiffon blouse. Wearing the ensemble with dull black accessories in the state 4-H Dress Revue, won her the right to model it in the national Revue in Chicago.



Ethyl Burrell, vice-president of the Safford Hook and Eye 4-H Club, will attend the National Congress of 4-H Clubs as Arizona's winner in Clothing Achievement. Ethyl has made that savings on clothes she has made herself and on redecorating her own room, total \$346.39.

## SAFFORD GIRL WINS SCHOLARSHIP FOR SEWING AND TRIP TO CHICAGO

"Sew your own clothes and have twice as many," advises 16-year-old Ethyl Burrell of Safford, who twice has made her entire school wardrobe without the help of another person, and whose record in the National 4-H Clothing Achievement program brought her a college scholarship and a trip to the 25th National 4-H Club Congress in Chicago.

"And they last longer when you make them the 4-H way," she says. She made 57 different articles, valued at \$535.95, at a cost of only \$189.50—a good business record for a teen-age girl. In addition, she made all her Christmas presents, which included dainty powder mitts, colorful clothing-storage covers, padded clothes hangers, smart lunch sets, and even a leather football.

In achieving her clothing record, Ethyl won 16 first prizes in local and county exhibits, had 16 state exhibits and participated in

seven state demonstrations and two judging competitions. As if this didn't keep her busy enough, she took over the leadership of her own club, the Hook 'n I, last year and counseled it to a successful completion of projects, besides participating in foods and room improvement programs. She's a song leader in school, active in dramatics, band, and orchestra, teaches a Sunday School class and has served as leader at 4-4 summer camps.

She selects colors carefully, using a color chart which she made herself after a complete and frank analysis of all her good and bad points. She credits this for much of the success of her personal wardrobe.

The scholarship which Ethyl won is one of 12 which the Educational Bureau of the Spool Cotton Company awarded annually for outstanding records in the National 4-H Clothing Achievement program.

## Pressure Cooker Clinics To Be Held In Valley

Equipment for testing the efficiency of pressure canners will be in Graham county next week, according to Miss Margaret Gillingsley, our county Home Demonstration Agent.

It is time now to prepare for the preservation of foods. One important step in this preparation is to have the pressure cooker in good condition. In order to be sure that food will keep, it is necessary to have the gage checked for accuracy.

Every person owning a pressure canner is invited to bring the lid to one of the pressure cooker clinics. Here the gage and petcock will be tested.

There will also be an exhibit of canning equipment.

Watch next week's paper for clinics to be held in Lebanon, Solomonville, and Pima. If you would like a clinic in your community, contact the Home Demonstration Agent.

### Schedule

Wednesday, April 3 at the Safford cannery from 10:00 a. m. to 4:00 p. m.

Thursday, April 4 at the Thatcher Relief Society Hall from 10:00 a. m. to 4 p. m.

Friday, April 5 at the Ashurst churchhouse from 10:00 a. m. to 4:00 p. m.

# SIXTH ANNUAL 4-H FAIR HELD LAST SATURDAY

The Sixth Annual Girls' 4-H Fair for Graham county was held Saturday, April 27, at the Gila Junior College. The Fair was under the supervision of Miss Margaret Billingsley, Graham county home demonstration agent. The fair was a success through the cooperation of Pres. William H. Harless and the faculty of Gila Junior College. Judges of the events were Miss Bertha Vermont, home demonstration agent, Willcox; Mrs. Clara Lyerla, farm security agent, Safford; and Mary Louise Jones, home economics instructor, Safford.

A flower show by the Pima 4-H Club girls under the direction of Mrs. LeRoy Saline highlighted the afternoon, and shortly following the Fair a reception was given with Miss Mildred Diamond, home economics instructor, Gila Junior College, supervising the arrangements and serving.

Award winners for the best all around exhibits were the Safford and Solomonville groups, with individual awards going to:

Clothing, Senior Division—Ina Evans and Ruene Evans, Safford, blue ribbons; Joan Richards, Safford, red ribbon; Norma Carpenter, Solomonville, white ribbon.

Clothing, Junior Division—Alice Jo Evans, Safford, blue ribbon;

Food, Junior Division — Karen Stowell, Maurice Mickelson, Joyce Jenkins, Avalon Burnett, all of Thatcher, blue ribbons; Marvel Harms, Kay Householder, Marlene Taylor, Marjorie Hunt, Ruth Ann Woods, and Naomi Hoopes, all of Thatcher, red ribbons.

Demonstration teams, Senior Division—Ina Clare Evans and Joan Richards, Safford, blue ribbons; Virginia Simpson and Norma Carpenter, Solomonville, blue ribbons.

Demonstration teams, Junior Division—Ruth Ann Woods and Naomi Hoopes, Thatcher, for table setting, blue ribbon. Trelva Carpenter and Leona Webster, Thatcher, constructing a pattern, blue ribbon; Donna Gay Johns and Betty Kay McEuen, Ft. Thomas, table setting, blue ribbons; Karen Stowell and Marlene Taylor, Thatcher, measuring foods, red ribbons; Joyce Jenkins and Avalon Burnett, Thatcher, good manners in the kitchen, red ribbons; Maurice Mickelson and Marjorie Lee Hunt, Thatcher, washing dishes, red ribbons; Marvel Harms, Thatcher, parliamentary rules, red ribbon.

Dress review, Senior Division — Second Year: Mary Lou Samuels, Safford, blue ribbon; Norma Carpenter, Solomonville, red ribbon; Ina Clare Evans, Safford, blue ribbon.

Third Year: Ethel Burrell, Safford, blue ribbon; Fay Richards, Safford, blue ribbon.

Fourth Year: Ruene Evans, Safford, blue ribbon.

Dress Review, Junior Division—

First Year: La Ree Herbert, Ft. Thomas, blue ribbon; Donna Kay Johns, Ft. Thomas, red ribbon; Joan Allred, Solomonville, white ribbon, all for aprons.

Marilyn Porter, Central, blue ribbon; Genevieve Shiflet, Central, red ribbon; Freddie Boggs, Safford, white ribbon; Alice Jo Evans, Safford, white ribbon, all for skirts.

Second Year: Carol Christensen, Safford, blue; Marvel Harms, Thatcher, red; Trelva Carpenter, white, all for dresses.

Dresses, Senior Division— Second Year: Mary Lou Samuels, Safford, blue; Norma Carpenter, Thatcher, red; Ina Clare Evans, Safford, blue. Third Year: Ethel Burrell, blue. Fay Richards, blue, for children's dresses. Fourth Year: Ruene Evans, blue, for street dress, and blue, for party dress.

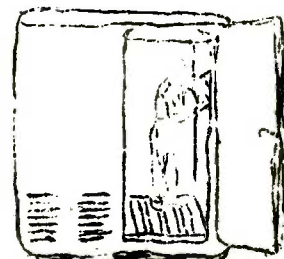
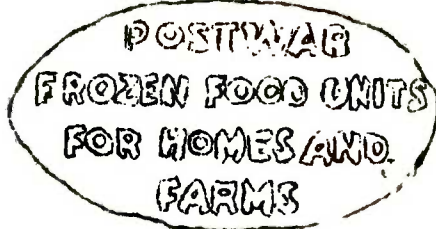
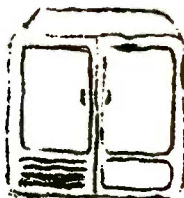
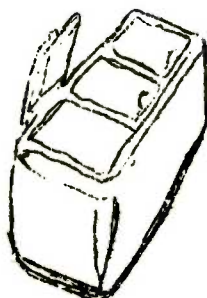
Award winners for foods included Naomi Hoopes and Karen Stowell, of Thatcher, blue ribbons for muffins; Kay Householder, Marlene Taylor, Maurice Mickelson, Thatcher, and Carol Christensen for cakes; Marjorie Hunt and Carol Christensen, Safford, for cookies; Marvel Harms and Joyce Jenkins, Thatcher, for biscuits; and Marvel Harms, Thatcher, for custard.

COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS  
STATE OF ARIZONA

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Safford

UNIVERSITY OF ARIZONA  
COLLEGE OF AGRICULTURE  
U. S. DEPARTMENT OF AGRICULTURE  
AND GRAHAM COUNTY COOPERATING

AGRICULTURAL EXTENSION SERVICE  
HOME DEMONSTRATION WORK  
COUNTY AGENT WORK



January 24, 1946

Dear Homemaker:

With men and women sold on the advantage of home freezing, families in countless numbers plan to own home freezers as soon as possible. If you are thinking of making such a purchase, why not plan now in order to purchase to the best advantage. Here are some points to consider:

Size:--depends not only on the number in the family, but on where they live and how they expect to use the freezer. Many farm families, especially those who do their own butchering, will want a walk-in combination freezer storage unit. A minimum of 5 cubic feet per person of storage space is recommended. A cubic foot of space will hold from 25 to 50 pounds of products, depending on the shape and method of packaging. About 25 rectangular quart paper containers or 15 glass jars of quart size can be placed in one cubic foot of space.

More than once, freezing units have been purchased -- then would not go through any door in the home. At least one dimension should be 30 inches or less.

Side or Top Opening:--so far, freezers with top openings cost a little less and have proven slightly more economical in operation. But, most users consider the side opening more convenient. You will want a unit which is easy to use so if you are considering the top opening freezer, be sure it is shallow enough that food in the bottom can be reached easily. The cabinet or side opening freezer requires less floor area and is more convenient for placing. Both types are being improved.

Storage only or both Freezing and Storage:--decide now if you want a home storage cabinet for holding foods that are to be frozen elsewhere or whether the cabinet chosen should be one for both freezing and storing

Page 2.

frozen foods. If more than two or three packages of food are to be frozen at any one time at home, the cabinet with a separate fast freezing section is essential. The freezing compartment is held at a temperature 10° to 20° F. lower than the storage compartment. The advantages of this construction are faster freezing of products and less warming-up of the stored products when other products are being frozen.

A temperature of 0° F. has been found to be the most practical for general freezing and storage. Watch the advertisements, 20° below freezing is only 12° F. This is not cold enough. Be sure it is 0° F. or below.

Coils of a freezer should not frost too much and some provision for defrosting is needed. Some freezers have the disadvantage of sweating around the openings, so this is a point to investigate.

Be wise - before you buy, know which freezer will meet your needs.

Sincerely,

*Margaret Billingsley*  
Margaret Billingsley  
Home Demonstration Agent



COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS  
STATE OF ARIZONA

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Safford

UNIVERSITY OF ARIZONA  
COLLEGE OF AGRICULTURE  
U. S. DEPARTMENT OF AGRICULTURE  
AND GRAHAM COUNTY COOPERATING

AGRICULTURAL EXTENSION SERVICE  
HOME DEMONSTRATION WORK  
COUNTY AGENT WORK

Dear Mrs.

Your daughter has joined the 4-H Club. As you know the 4-H Club is the largest youth organization in the world. It is much better known in the middle West and East than in Arizona. However, in Arizona we, also, have had some outstanding work done by 4-H Club boys and girls. The main drawback has been lack of leadership. In order to have good clubs and in order to do work which will benefit the girls, it is necessary to have voluntary leaders who will give of their interest, time, and knowledge to the club members.

Co-operation from the parents is also needed. We have found that where parents encourage the girls to do their work, projects have been completed and the members have learned a great deal. We hope that none of the parents do the work for the girls but young people do need guidance and encouragement. The leaders also need your co-operation so let's all work together for better 4-H Club work in our community in our county.

In order to indicate your willingness to co-operate with your daughter and her leader in 4-H Club work, will you please sign the enclosed folder and send it to the 4-H leader by your daughter?

Sincerely,



*Margaret Billingsley*  
Margaret Billingsley  
Home Demonstration Agent

Enclosure

COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS  
STATE OF ARIZONA

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Safford

UNIVERSITY OF ARIZONA  
COLLEGE OF AGRICULTURE  
U. S. DEPARTMENT OF AGRICULTURE  
AND GRAHAM COUNTY COOPERATING

AGRICULTURAL EXTENSION SERVICE  
HOME DEMONSTRATION WORK  
COUNTY AGENT WORK

March 18, 1946

Dear Homemaker:

One of the biggest problems facing many homemakers is the purchase of new equipment. During the war years washing machines, kitchen ranges, and refrigerators were not available and, in some homes, pieces of equipment gave out during this period. The demand for all types of household equipment is greater than the supply -- this means that many anxious buyers are purchasing without giving much thought to the efficiency and performance of the article.

Types and prices vary so greatly a goodly amount of thought needs to go into the purchase in order to be sure that you are getting the best piece of equipment for your particular needs. A large financial and long-time investment is involved. Question yourself and the equipment before making a purchase.

In order to assist you in making a wise choice the following bulletins, by Elaine Knowles of Teachers' College, Columbia University, are available at the county agricultural office:

1. Selecting a Washing Machine
2. Selecting a Refrigerator
3. Selecting a Kitchen Range

These bulletins consider such questions as:

To buy or not to buy?  
What about the automatic washing machine?  
The motor and gear mechanism?  
Where and how large do I want an oven?  
How do I want the cooking units arranged?  
Where should I buy a refrigerator?  
How large should a refrigerator be for my use?

Call at the office for these bulletins or drop me a card and copies will be mailed to you.

Sincerely,

*Margaret Billingsley*

Margaret Billingsley  
Home Demonstration Agent

COOPERATIVE EXTENSION WORK  
IN  
AGRICULTURE AND HOME ECONOMICS  
STATE OF ARIZONA

----  
Safford

University of Arizona  
College of Agriculture  
U. S. Department of Agriculture  
and Graham County Cooperating

Agricultural Extension Service  
Home Demonstration Work  
County Agent Work

April 8, 1946

Dear Homemaker:

Now that Spring is here it won't be long until we will be using that pressure cooker again.

With the world shortage of food, it is just as necessary for everyone of us to can as much as possible this year as last. Before time for canning, let's have our pressure cookers in good condition. It is very important that the gage and the petcock are working correctly.

So, for your benefit, there will be a pressure cooker clinic at the Relief Society Hall in Pima on Thursday, April 11th from 10:00 A.M. to 4:00 P.M. Bring the lid of your cooker and the petcock and pressure gage will be tested.

There will also be an exhibit of canning equipment in which you will be interested. Tell your neighbors about this clinic and let's have every pressure canner in your area tested and put into good condition.

Don't forget! Thursday - April 11th - 10:00 A.M. to 4:00 P.M.

Sincerely,

*Margaret Billingsley*

Margaret Billingsley  
Home Demonstration Agent



Mary Louise Jones  
Assistant Home Demonstration Agent  
Graham County  
June 4 to August 31, 1946

## ORGANIZATION

### 4-H Organization

The Assistant Agent spent most of her time in organizing 4-H Summer Clubs. She was very successful in getting them started in all the communities of the County. Six clubs under the leadership of four leaders were organized in Pima; Miss Lucille Dean has a first year foods club called Sweet-Tooth Club, which has eight members between the ages of 12 and 13. Miss Lucille Dean is also leading a third year sewing club called the Flying Needles, of which there are eight members between the ages of 12 and 13. Another of the Pima leaders is Miss Zada Lines, who is also leading two clubs, both of which are clothing clubs; a third year club called the Needle Beetles, which has six members between the ages of 13 and 15. Miss Lines' other club is a first year clothing club called the Happy Workers and there are six members between the ages of 11 and 12. Two leaders are cooperating in leading one of the Pima clubs, they are Katherine Larson and Virginia Brown; they also have a first year clothing club called the Pima 4-H club. They have eight members between the ages of 12 and 13.

In Thatcher, the Assistant Agent organized four clubs. Two of the leaders lead clubs last year; Mrs. Pearl Eaton, one of the old leaders, has a third year clothing club called the Cheerful Sewers. They have six members between the ages of 12 and 13. Another of our veteran leaders is Mrs. Lucille Griffin who has a second year food club of 10 members between the ages of 10 and 11. They are called the Kitchen Kommandos. A third leader is Mrs. Bertha Green; they have 10, ten year old members in first year clothing. They are called the Happy Stitchers. The fourth Thatcher leader is Mrs. Myrtle Higgins who leads a first year food club.

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## ORGANIZATION

### 4-H Organization--Con't.

In Safford they have one large club which is composed of two small ones. The large club has 24 members. Miss LaVon Evans is leading the first year girls of which there are 12 between the ages of 10 and 14. Mrs. Harvey Evans is the leader of the older girls. It is a mixed group of second, third, fourth, and fifth year girls. All of the club is specializing in clothing. They are called the Hook & Eye Club.

In Central the club was reorganized from a winter club which was dropped because the leader went to California on a summer visit. A new leader was found who is Mrs. Ida Layton. It is a first year clothing club and has 20 members. The club is called the Good Luck Club.

A club was organized in Fort Grant under the leadership of Mrs. Harry Evans. They have named the club the Fort Grant Club, and have nine members.

In order to further the interest of 4-H club work in Aravaipa, the Assistant Agent along with HDA, took 6 first year 4-H Clubbers from Pima, on a picnic to Aravaipa. The picnic was held with girls from Aravaipa, who are interested in 4-H work. It was held in conjunction with a picnic of the Aravaipa Homemaker's club. Everyone in Aravaipa seemed to be interested in starting a summer club next summer. As most of the children move into town for the winter to go to school, a winter club would be impossible.

The Assistant Agent attended a 10 day State 4-H Camp at Camp Geronimo near Payson in July. There were 83 boys and girls present from six counties over the state. Thirteen girls attended Graham and Greenlee counties, eight from Graham and 5 from Greenlee. The Assistant Agent assisted the Agent in preparing the Sunday church services and acted as a counselor to some of the girls in camp while attending. All of the girls from this county thoroughly enjoyed camp and found it educational. The Assistant Agent hopes there will be more girls from these counties next year to attend camp.

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### ACHIEVEMENT DAY

The Assistant Agent attended five Achievement days during the period from June 4 to August 31 in Graham County.

The Solomonville Club held their program at the leader's house, Mrs. Hatch. The Assistant Agent judged the projects on the morning of their achievement day, in the afternoon a program was held at which time the Assistant Agent awarded pins to two first year girls and six second year girls.

An achievement day was held in Thatcher for the Cheerful Sewers under the leadership of Mrs. Pearl Eaton. Second year pins were awarded to six girls.

One Achievement day was held in the evening at Thatcher. The work of the Thatcher second year food club was very well displayed in a dinner which they served to 30 people. It was a full meal served by the club members who were 10 and 11 years of age and showed interest not only by the club members who were there but also by their leaders. It was held Wednesday, August 21 at 7:30. They entertained their mothers and fathers. Pins were presented to ten girls who had successfully completed their work and record books in second year foods.

A combined Achievement day was held by the Safford Clothing clubs. This program was also held in the evening on August 22. Since most of the dresses were for school, the theme of the dress review was built around school days and school activities. The dress review was planned by the Junior leader, LaVon Evans. In order to carry out the theme, the girls used vanilla ice cream with green apple sauce for refreshments. Pins were presented to 10 senior girls, four second year girls, two third year girls, and two fifth year girls, who had completed these years successfully. Mrs. Harvey Evans, the Senior leader, is to be congratulated in helping to turn out such excellent products. At their Achievement day the girls entertained their mother and one very interested friend. One father was present and several out of town people were also in attendance. The girls of the first year clothing club in Thatcher had an Achievement day and modeled their aprons and an excellent display of hemmed and fringed articles were shown.

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### ROUND-UP

Although the Round-Up was called off a lot of difficulty was encountered in this county in getting girls interested in attending it. School was to open September 22, and a lot of girls didn't feel that they could miss the beginning of school in order to attend the Round Up. Judging teams were trained in clothing, food preparation, and food preservation. These girls were given judging points, then practiced judging contests were held in order that these girls would not be lost when they got to Round Up. The Assistant Agent also started work on two demonstrations to be given at Round Up, one on making of salads, and the other on the making of a fringed article. Assistance was given in preparing the material and also in techniques to be used by the demonstrator. When Round Up was postponed these girls were eager to keep on practicing these demonstrations in order that they might be prepared to give them at the County Fair and at the Round Up in June. A great deal of time was consumed in giving assistance to three girls who were entering National contests. Two of these girls are county winners, Ethel Burrell, won the county contest in clothing achievement, and Ruene Evans, with a wool suit, won the county contest in Dress Review. LaVon Evans, Junior leader, who will attend the University this fall and who is doing her fourth year work, also entered the 4-H Dress Review contest with a rayon best dress.

The Assistant Agent helped these girls in getting pictures taken for their reports and in preparing the material necessary for the report. Most of the time was consumed in getting these reports typed after they had been written by the girls. These girls were very disappointed when they heard that the Round Up was to be postponed, after they had worked hard and were excited at the prospect of going to Tucson to Round Up.



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HOUSEHOLD INSECTS AND PESTS

The Assistant Agent answered an inquiry for one woman on how to rid her flour bin of weevils. She also gave assistance in getting rid of moths in another woman's closet.

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#### FOOD PRESERVATION

The Assistant Agent gave assistance to Mrs. Ferrin from Safford on the substitution of corn syrup for sugar in the canning of apricots. Assistance was also given to Mrs. Watson, of Safford on determining the cause of her fruit turning brown after standing one year.

The Assistant Agent helped the HDA to prepare peaches for freezing, in order that she might learn more of the process herself. She also assisted the Agent in giving two freezing demonstrations at the Freezer Locker Plant in Safford. These meetings were very well attended and the women all seemed interested in learning more about preparing foods for freezing. Peaches, green beans, and corn were the fruit and vegetables demonstrated. Citric Acid was used to demonstrate the use of color preservative in peaches. Also in connection with this freezing demonstration, the Assistant Agent helped to prepare a circular letter announcing the demonstration and with the HDA gave a 15 minute radio program on freezing fruits and vegetables.

The Assistant Agent answered several inquiries about the use of a sugar substitute in canning and freezing. Most of the inquiries were concerned with the use of corn syrup to replace sugar. A recipe for pickled grapes was supplied for a woman who wished to preserve her grapes in this way. The Assistant Agent also answered inquiries about the use of ascorbic acid as a color preservative in peaches. The preparation of chickens for freezing was the information given a woman who wished to try this method of preservation for the first time. The Assistant Agent arranged canning dates at the cannery for the Ft. Grant Institution as they wished to can apples.

#### 4-H Food Preservation

The Assistant Agent gave a demonstration to a 4-H club of Pima girls on techniques used in judging peaches. Then a sample judging contest was held in which each of the girls participated. Two of the girls used this as a practice in preparing for going to Round Up.

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### FOOD SELECTION

The Assistant Home Demonstration Agent sent recipes for Jellied Chicken, Jellied Beef, Frozen Fruit Salad, Corn Syrup Ice Cream, and Frozen Lemon Pie, to women of the Ashurst Home Makers Club on their request, for the July meeting on Foods Appropriate for Summer Meals. The Assistant Agent gave assistance to Mrs. Powell of Thatcher, on substitutes for sugar and recipes for Corn Syrup Icing.

### 4-H Food Selection and Preparation

The Assistant Agent gave a demonstration to a Thatcher second year food club on techniques used in judging biscuits, after which the girls used biscuits prepared by the Assistant Agent and HDA and had a practice judging contest, and analyzed their reasons. Afterwards the Assistant Agent also helped this club fill out record books in order that they might get their pins, this summer. They were having trouble, particularly in getting the prices necessary to fill out their books.

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### CLOTHING

The Assistant Agent gave assistance to Mrs. Phillip Allen on rust removal from a white shirt. She was given three different methods by which the task could be accomplished.

### 4-H Clothing

Assistance was given by the Assistant Agent to a 4-H member on the shrinkage of wool. This member wished to know if wool should be shrunk before making it up into a garment.

The Assistant Agent attended a Pima 4-H club in advance clothing. In this meeting a demonstration was given on the method used in working button holes.

The Assistant Agent gave several leaders and 4-H girls assistance in proper techniques used in finishing 4-H garments. Assistance was also given to several girls in the tailoring of woolen suits. They were each given a copy of "How To Tailor A Woman's Suit" and then special techniques were explained.

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PUBLICITY

The Assistant Agent participated in a radio program with eight girls from Graham and Greenlee counties. These girls were part of those attending 4-H Camp. The broadcast pertained to a typical day in camp as brought out through a discussion of all present.

The following Articles were published during the period from June 4 to August 31, 1946 in the weekly county paper.

- "Cooking Vegetables"
- "Ways the Housewives Can Help To Keep Down Prices and Win The Peace"
- "Attention Santa Claus"
- "Mildew Under Cover"
- "4-H Girls From Graham County Attend 4-H State Camp"
- "The Use of Soapless Suds"
- "4-H Leadership Meeting Held"