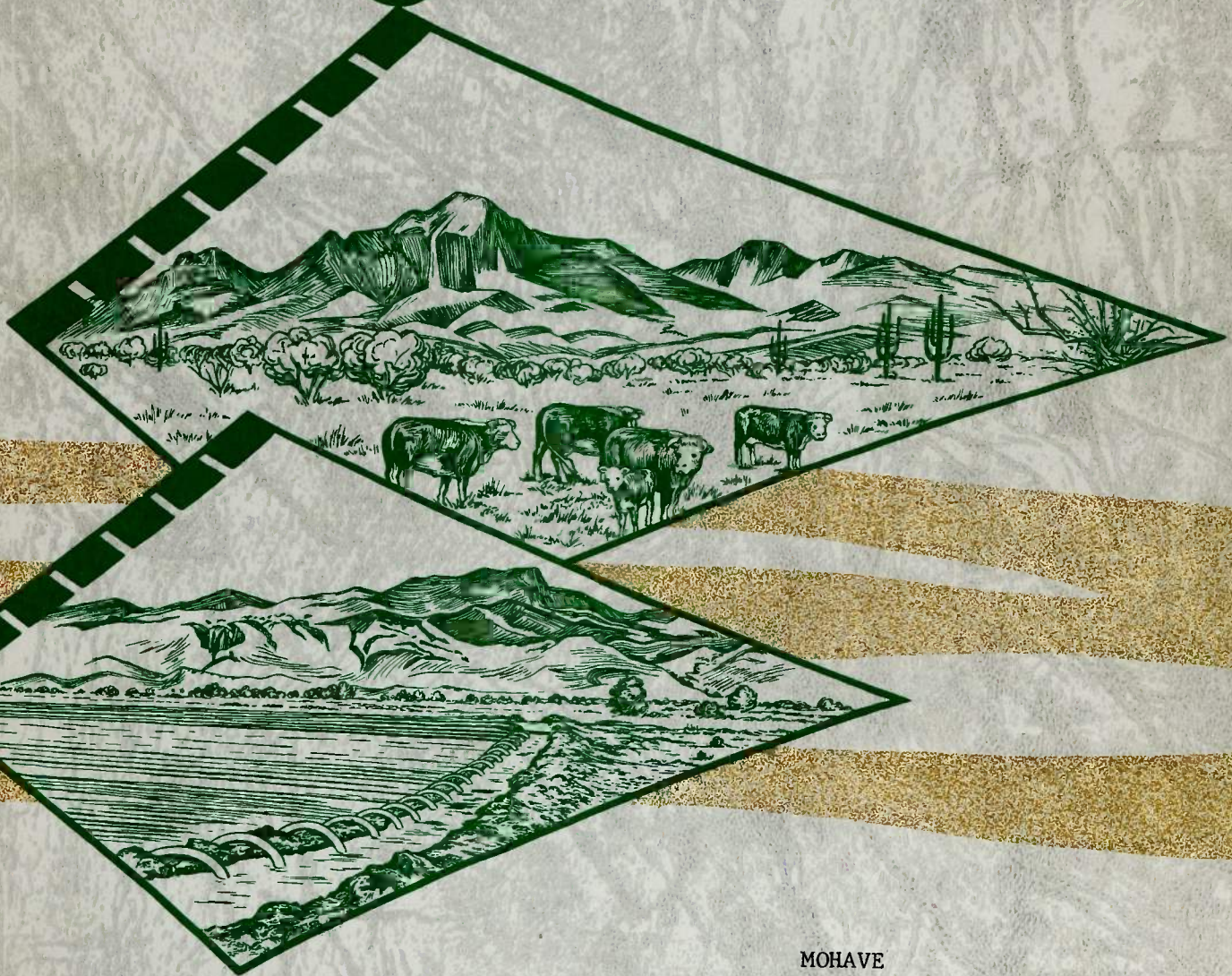


Partners in Progress



MOHAVE

1967 Annual Report
Cooperative Extension Service
The University of Arizona

MOHAVE COUNTY, ARIZONA


J. N. McDougal
Agricultural Agent in Charge


Audrey M. Davies
Extension Home Economist

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Mohave County
Arizona
1967

SITUATIONAL STATEMENT

Mohave County is the fifth largest county in the United States. There are 8,486,400 acres within its boundaries, including three Indian Reservations which total 559,972 acres.

The northern one-third of the county is separated from the southern portion by the Grand Canyon. The southern two-thirds of the county is crisscrossed with four hundred twenty-four miles of oiled Federal, State, and County Highways. The transcontinental highway 40 and U.S. 93 cross at the county seat, Kingman. Highway 95 is now under construction in south Mohave County and progressing to northern Mohave County along the Colorado River. The towns being Parker, Arizona and Lake Havasu City, Arizona, both on the banks of the Colorado River and Lake Havasu. The northern one-third of the county has only thirty miles of oiled road. The remaining 2,000 miles of dirt roads in the county are only fair weather roads and subject to closing due to cloud-burst or inclement weather. The Santa Fe main line, which is a double track system, has over one hundred miles of double track, crossing the county near the center of the county running from northeast to southwest. The County Seat is serviced by Bonanza Airlines, Greyhound and Las Vegas-Tonopah-Reno bus lines.

The population of Mohave County is approximately 20,000 with nearly half of this population living in the county seat of Kingman. There are one hundred forty ranch and farm families in the county, most of which live on their farm or ranches in the southern part of the county. In the northern part, very few actually live on their holdings but live in adjacent small communities out of state. More and more suburban living is being noticed all up and down the Colorado River and in the Sacramento Valley to the east of the river range.

Mohave County, as a whole, is a livestock county with recreation and mining following closely behind. It is anticipated that manufacturing will become the largest factor for population increase in the near future. Six sizeable industries are now in operation in Mohave County namely: Ford Proving Grounds, Duval Mining, El Paso Mining, Mid-West Wax Paper Company, McCulloch Properties still expanding, and General Cable just starting with a projected labor force of 200 within a couple of years. Plans to establish additional industry at Lake Havasu City are passed the drawing board stage with construction starting. Additional peoples will be living on the Mohave side, Bullhead City area, for the multi-million dollar Cal Edison Electrical Generating Plant on the Nevada side of the Colorado River.

Mohave County
Arizona
1967

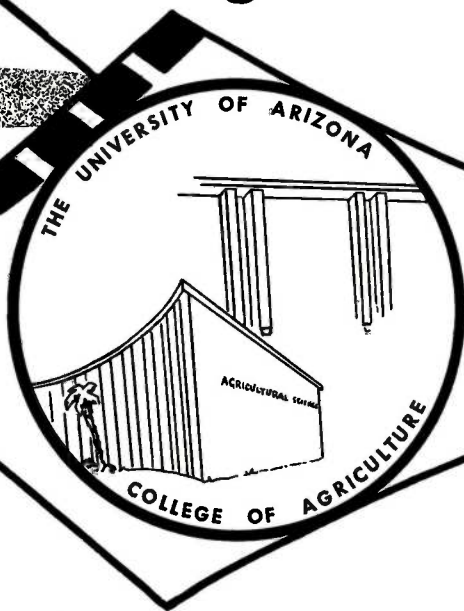
SITUATIONAL STATEMENT (continued)

There are more than 12,000 acres of irrigated cropland in Mohave County. The principal crops are: alfalfa, milo, cotton, cereals, pasture and produce. As a whole, most of the farms are small and sub-marginal with only a few larger operators that depend solely on farming as a livelihood. It is estimated that within ten years, fifty to sixty thousand acres of good agricultural land on the Colorado River could be developed. Most of this land is river bottom and is a checkerboard pattern of Indian and White ownership. One new area has opened up for farming and this lies in and adjacent to Red Lake, northeast of Kingman. There are three separate farms in this area and are looking forward to increasing their 400 acres to 1 - 1500 acres. Forage type crops are now being raised under sprinkler irrigation with commercial vegetable companies and pure seed producers looking to this area for its isolation benefits. An increase over last years acreage is also due to the Alamo Dam structure which will reduce flooding downstream. Arizona Ranch & Metals are contemplating large acreages on the Bill Williams River.

Mohave County boasts of over one thousand miles of shoreline and more water than all of the other counties in the State. There are three large lakes in the county and they are fast becoming the recreation playground for boaters, skiers, and fishermen. With the completion of the Alamo Dam this year, surface area will be a half to two-thirds as large as Lake Havasu providing recreation of all types. The dams forming the three main lakes are used for hydro-electric power. It is not uncommon for as many as ten thousand people to enjoy the facilities at Lake Mead, Lake Mohave or Lake Havasu on any Labor Day or Memorial Day weekend.

There are over 1,500 children of 4-H age attending schools in the county. Less than two hundred fifty are of Indian or Spanish-American descent. A 4 year church college is planned for Lake Havasu City. The land has been appropriated and approximately one-third of the funds promised for the institution. A Junior College is still being talked of for the county and some planning has been done.

Extension Organization Programming & Evaluation



The Director of the Cooperative Extension Service . . .

--Strives to administer the Extension Service in the most efficient and effective manner possible to ensure that its educational capabilities continue to be readily available to local groups in assisting them to search out and work on pockets of opportunity for raising individual, family, and community well being.

I. EXTENSION ORGANIZATION AND ADMINISTRATION

The Mohave County office is staffed by J. N. McDougal, Agent in Charge whose responsibilities are agriculture with a joint 4-H responsibility.

The Home Economist is Mrs. Audrey M. Davies whose responsibility is Home Economics also with a joint 4-H responsibility.

Mrs. Eleanor Maffeo occupies the secretarial position.

The organizations assisting in programming are: The Mohave Livestock Association, the Cowbelles Association, the Mohave County Area Development Council, the 4-H Leaders Council, and the Homemakers Clubs within the county.

In planning the Family Living program a group of lay-leaders representing low income, minority groups (Indians), Church, youth (4-H), Garden Club, Womens Club, and Homemakers Clubs met in 1965 to study the county situation. Recommendation from this lay group are used in long range programming. These suggestions were used this year in establishing priorities for the coming year's program. The planning committee met twice during the year to work up the program.

The Homemaker Club and 4-H programs are planned by representatives of these organizations keeping in mind the recommendations of the over-all county group.

The Family Living Planning Committee, 4-H Leaders Council, officers of Mohave Livestock Association, Mohave Cowbelles and the County Extension Board Members are the main framework for an advisory group although civic organizations which assist are:

1 Rotary, Soroptomists, Lions, Optimists, Womens Clubs, Garden Clubs and Kiwanis.

2 The County Extension Board Members are as follows with their tenure of office:

John Odle, Chrman	2 years	Melba Smith	2 years
Clover Odle	1 year	Grace Neal	1 year
Jack Wilson	2 years	Frank Stephens	2 years
Sophia Wilson	1 year		

This group met once approving the budget and Plan of Work at one meeting. A good working relation is had by the staff and the advisory group.

1967. EXTENSION EDUCATION PROGRAM BY COMMUNITIES - AN OVERVIEW

Extension Program	Davis Dam - Bullhead City	Kingman	Lake Havasu City	Mohave Valley	Peach Springs & Hackberry	Wikeup	Walapai Valley	County Wide
<u>AGRICULTURAL PRODUCTION</u>								
Ant Trials, Eradication							2	
Soy Bean				1				
Cotton Variety Trial				1				
Small Grain Trial							1	
Fertilizer Trial				1				
Vegetable Trials	1	7		1		2		
Parasite Control					1	1		
Marketing								1
FAMILY LIVING								
Homemaker Clubs		2	1					
Other Organized Groups		1						
Special Interest Ed. Prog.		13						
YOUTH DEVELOPMENT								
4-H Clubs	1	8			3	2		
Training Meetings								5
Livestock Showing & Fitting								1
Livestock Judging								3
Nature & Conservation								2
COMMUNITY IMPROVEMENT								
Home Grounds Improvement		1	1					
City Park		1	1					

PROGRAM EVALUATION PROJECTS

- "Notes for Young Homemakers" Series

Evaluation sheets included in letter series show that this can be an effective method of reaching some homemakers. Details in V. Family Living section.

- Questionnaire Sent to the Mohave County Ranchers

The main purpose of this was to evaluate the effectiveness of the Mohave County Marketing Association listing service. Of the questionnaires returned, all that had listed their cattle were very muchly in favor of its continuance. Also of those in the southern part of the county, a high percentage felt that an auction would work for this area. Marketing has become of much importance to these men in the last few years as the price squeeze is on. Through this information we can evaluate our past programs and move to new phases to assist our audience in doing a better job.



Extension Information

The Extension Information Service . . .

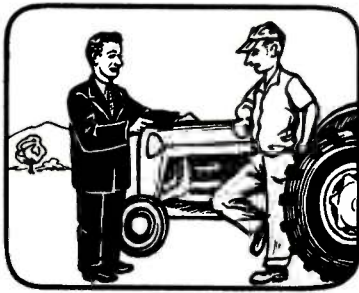
--Reinforces and supports all five Extension program areas. News releases, bulletins, circulars, radio and television programs, exhibits, visual aids and films disseminate state wide the latest developments and information from the University of Arizona, College of Agriculture, the School of Home Economics and the U. S. Department of Agriculture.

II. EXTENSION INFORMATION

METHODS USED AND PEOPLE REACHED WITH AGRICULTURAL AND HOME ECONOMICS INFORMATION

Many methods are used by Extension workers in supplying information to the people of Mohave County as indicated in the diagram on the following page. The results of research in Arizona, the results of research in other areas, and the results of research by the United States Department of Agriculture -- together with practical experience in the local adaptation of such information -- is made available throughout the county in the fields of Agriculture and Home Economics and to adults and to youth alike.

Mass media used during the past year included articles in the county weekly and Phoenix papers as well as the local papers on the Strip, Lake Havasu City, and Bullhead City; circular letters; a weekly radio program; and distribution of U.S.D.A. and University of Arizona Extension Service bulletins. Bulletins were distributed in the following manner: three bulletin racks were rotated in five outlying communities throughout the county; bulletins were placed in local stores to answer specific problems; a bulletin rack was available at the Mohave County Fair, and a large display was available in the Extension Office and mailed upon request.

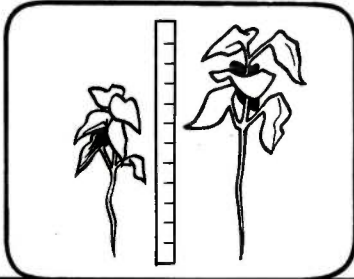


275
Farm & Home Visits



Press Articles
Prepared & Published
48

17
Result Demonstrations
& Tests Established



Office Calls
789

1259
Telephone Calls



Methods Used & People Reached with Agricultural & Home Economics Information . . . 1967

The University of Arizona

Cooperative Extension Service



Circular Letters Prepared

68
5,932



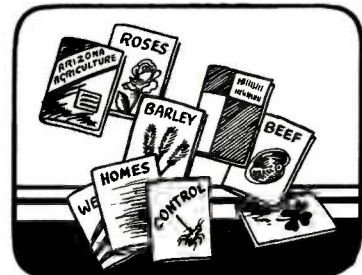
Television & Radio
Broadcasts

46



Meetings, Tours, Field Days 112

Attendance 2535



Bulletins Distributed

6,528

Agricultural Production, Management & Resource Use



The Extension Service strives to . . .

- Assist farmers and ranchers to use research and technology
- Create awareness of change in the farm scene
- Increase farm income and living standards
- Help farmers' and ranchers' produce products to meet market requirements
- Update management procedures and product quality standards

III. AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE USE

Partners in Progress . . . MOHAVE COUNTY FIELD CROP GROWERS

- Alfalfa Trial Points Needs of Phosphate

John Vanderslice, local farmer dissatisfied with yield, asked for trials to determine needs. Sixteen plots were established using three elements. All phosphate plots showed terrific increases with little or none from the others used.

Three other farmers in the valley, after observing the results, immediately followed suit with adequate application of the lacking element, phosphate. Many additional acreages are now in progress and this phosphate fertilizer is being used pre-plant.

- Variety Trials Point To New Varieties

Eldon Parish, Mohave Valley cotton farmer, has demonstrated through the cotton trial on his farm that new varieties will produce one-half bale additional cotton on first picking than standard varieties. Twelve different varieties were on trial in one and one-half acre plots. Yields varied from 435# on Delta Pine 5540 to 1012# on Stoneville 508. This trial has not been concluded but very definitely points toward the higher yielding variety along with its higher market value.

- Variety Trials Demonstrate Adaptability, Yield and Insect Resistance

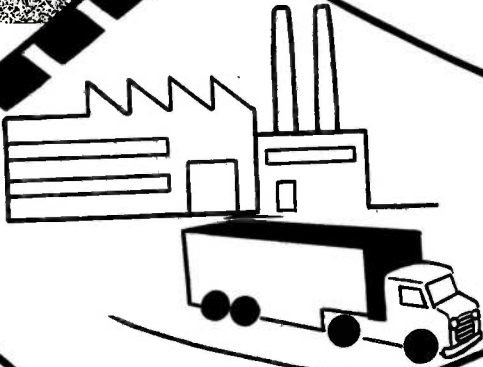
Alfalfa is fast becoming the largest crop in the Mohave Valley. It is second to cotton in net returns as this area is very well adapted to hay or seed production.

Alfalfa varieties and blends were planted on the Parish farm to demonstrate adaptability, yields and insect resistance. Eight such varieties were seeded in borders of two acres each. Twelve pounds per acre are giving excellent stands as the Brillion Seeder is being used. This plot is located in about the middle of section eleven on the south side where it will be accessible to passersby. The varieties being used are NK 818, Mesa-Sirsa, Sonora, Moapa, Bonanza, Caliente, WL 501, and El Camino. We hope this trial will pave the way for an adapted variety that will also not go summer dormant.

- Algae Problem Reduced

Many farms have problems with algae in ditches and ponds. Mr. Hayden, on the Big Sandy, demonstrated to neighbors the use of copper sulphate for reducing this problem. The Irrigation Engineer of the University of Arizona designed alternative methods for this problem. Through the use of chemicals, much water labor and tempers can be conserved.

Agricultural Marketing & Utilization



Extension Agents and Specialists . . .

- Promote efficiency in marketing systems to reflect change rapidly
- Assist firms dealing with farm products
- Help farmers and processors improve and maintain product quality
- Help producers establish convenient livestock marketing outlets.

Partners in Progress . . . MOHAVE COUNTY RANCHERS BENEFIT FROM
TOURS, TRIALS AND CLINICS

- Burning and Seeding Eye Opener to County Ranchers

Through joint efforts by the B.I.A. and the University of Arizona Extension Service, the Walapai burn tour was conducted again this year. A large crowd was in attendance observing the ten year consecutive burning and seeding. Large areas of Mohave County are quite similar to this area and seeing is believing. Possibly some of the thousands of acres in private ownership could well benefit from these trials. Also observed were catchment basins, simply constructed for water-short areas. The local interest in this tour is growing from year to year; it is hoped that this can coincide with the Arizona Section of the American Society of Range Management in the near future.

- Cooperative Relations Pave Way for Better Plans

A reconnaissance range survey was conducted by the University of Arizona Watershed Specialist in cooperation with the Soil Conservation Service and the County Agent. With combined efforts in planning Mr. Hunt, local rancher, can continue his livestock operation and at the same time improve his range through practices recommended by this group. Large acreages of public land are becoming involved and through this combined effort it is hoped to pave the way for greater services to the rancher and cooperation among other Federal agencies.

- Insect Control Trials Show Results

Trials were established on three ranches: Leonard Neal, Howard Grounds, and Bob Blake. Ants, in the rancher's mind, are the worst range pests since the prairie dog. Problems and many tons of forage on each ranch are wasted through the red harvester ant. Leonard Neal estimates that he has at least one ant per square foot over two or three townships of range land and that the ant is destroying much needed forage.

Trials continued for the third year indicate that we are getting closer to a solution of finding material that will eradicate this pest. Keepone, as a pellet, ranked highest with an approximate kill of 80 to 85% with varying results on the other five materials used. It is hoped that through further testing, the problem can be solved.

- Clinic On Livestock Health And Range Management

Twenty five ranchers in northern Mohave County attended a clinic on livestock health and range management. The Livestock Specialist presented the balanced nutrition, health and vigor portion. The Watershed Specialist spoke on range management and poisonous plants. These ranchers were most enthused with the information and are interested in additional meetings of this type. The results of a questionnaire going to all ranchers indicate a desire for these type clinics by communities.

IV. AGRICULTURAL MARKETING AND UTILIZATION

Partners in Progress . . . AGRICULTURAL MARKETING

- Eight Years of a Successful Livestock Listing Service Paves Way to a More Intensive Marketing System.

Questionnaires were sent to all ranchers and the returns indicated a desire to move toward an auction type sale. Elected by the association to follow through on this project were: Bob Blake, Claude Neal, Jack Wilson and Howard Grounds, all local ranchers.

Facilities are partially available and with modification could handle the desired number. It is anticipated that two auction sales will be necessary and best suited to the desert and semi-desert type ranges that support our livestock raising.

Consultations with other county auction groups have been set up. The majority of the ranchers feel by moving in this direction the smaller operator will be able to profitably market his cattle without having the expense and guesswork of moving to a terminal auction to contend with.

- Local Merchants and Townspeople Advance The Highest Ever Mohave County 4-H Sale.

A total of 42 animals averaged \$.72 a pound to bring a total of \$15,675.20. Every pound sold locally through the letters to buyers, personal contacts and radio and press publicity.

Mike Gross hit the jackpot two years in a row to bring a total for two calves to \$2,964.80. These animals were bought by the Jade Restaurant both years.

Family Living



Extension Home Economists assist families develop . . .

- An understanding of human growth and development, family life, and human relationships
- An understanding for making family choices in the use of time, money, energies, abilities to analyze family needs and goals, and to balance these against the family resources
- An understanding of the market place and the many goods and services offered to the consumers, and an analysis of family needs and facts for making buying decisions.
- An ability to perform certain homemaking tasks and skills
- An awareness of the need for people to assume leadership in the community and to understand good citizenship.

V. FAMILY LIVING

Partners in Progress . . . HOMEMAKERS CLUB MEMBERS

Organization

- Three Clubs Active

There are three Homemakers Clubs in Mohave County with a total membership of seventy-nine. Two of these clubs are located in Kingman: the Morning Glory's which meets the third Thursday morning of each month and the Lanplighter's which meets each third Tuesday evening. The third club, the Havasuettes, is at Lake Havasu City meeting on the third Wednesday of the month. All three clubs meet in public rooms either because of membership enrollment or convenience.

- Charter Club Backbone of Program

During the six years that a home economist has been in the Mohave County Extension Service office, one club has continued to progress and offer support to the Extension Home Economics program. Members of the Morning Glory Homemakers' Club serve on the Town and Country Life Advisory Committee and the Arizona Homemaker's Council. They are ardent supporters of Town and Country Life Conference and Homemakers Short Course.

This year, the annual Homemakers Tea which has been sponsored for many years by the Morning Glory Homemakers, was held in the home of one of their members, Doris Bonham. This tea is open to all women in the area and does interest new women in the program.

One member, Hilda Rutschman, assisted Mrs. Davies at a tailoring workshop held in March and acted as a clothing judge at the 4-H Fair. Another member, Eileen King, was instrumental in introducing the 4-H Automotive project into the county, and the husband of another member (Jessie Young) served as Automotive Club leader.

Officers during 1967 were: Mrs. Shrader (Ala) Moore, president; Mrs. Benn (Ruth) Keller, vice president; and Mrs. Rinehart (Hilda) Rutschman, secretary-treasurer. Membership is thirty - all active.

- Club Welcomes Newcomers

The Havasuettes has from its beginning welcomed newcomers to Lake Havasu City and invited the women to their Homemakers Club meetings. This is often the first social contact the new arrival has to a new community very different from the one left.

In September, Mrs. Ralph (Inga) Brown, president, held a tea in her home to welcome newcomers. The women were informed about local churches, organizations, facilities, and entertainment available. All were invited to become members of the Havasuettes. Of the thirty-two present, over half had arrived during the previous two months.

There are thirty-nine on the Havasuette's membership roll. Because many are retired and travel a great deal, attendance at meetings averages about twenty. The group has found a large public meeting place and hopes to increase its active membership.

In addition to President Brown, other officers this year were: Mrs. Ernest (Karen) Backstrom, vice president; Mrs. R. (Dorothy) Adams, secretary; and Mrs. Peggy Thurston, treasurer.

Three members: Rose Ann Williams, Peggy Thurston, and Kathleen Eaton attended Homemakers Short Course in Flagstaff. Mrs. Carl (Marguerite) Marxsen attended Town and Country Life Conference and is now the new member on the advisory committee. This is the first year anyone from Lake Havasu City has participated in these events.

- Evening Club Meets Need

Ten women meeting in January to learn more about the Extension Home Economics educational program decided to organize an evening Homemakers' Club. In March they elected the following officers: president, Mrs. A. G. (Ruth) Rodriguez; vice president, Mrs. Derle (Signa) Walker; and secretary-treasurer, Mrs. Charles (Jean) Kimball. Mrs. Kimball and Mrs. Robert England transferred from the Morning Glory Club.

There are ten active members. New members have been added but some of the original group have dropped out. More new members are anticipated after the first of the year.

Three of the members are making plans to start 4-H Club work in South Kingman after the first of the year. One member, Mrs. Abbie England who has been 4-H Leaders' Council President this year, will assist in the organizational work.

Homemaker Club Educational Program

- Program Planned by Members

The educational program planned by representatives of the clubs to meet the needs and wishes of the members offers a variety of subjects each year. Consumer education has been selected for emphasis in long range programming with clothing the area studied in 1967. Time and Energy Management and Social Security Benefits were other lessons taken by all clubs. Topics for open meetings included Flower Arrangements, Landscaping, Hair Styling and Grooming and Hobby Crafts. The following chart shows the 1967 program and the club participation.

1967 HOME ECONOMICS EDUCATIONAL PROGRAM FOR ARIZONA BY COMMUNITIES

Club and Community	Participation in Programs										
	Membership Enrollment	Flower Arrangements	Hair Grooming	Saving Time & Energy in the Kitchen	Landscaping	Hobby Craft	Social Security - What It Means to the Wife	Reports from Town & Country Life Conference	Wardrobe Planning	Comparative Shopping (Clothing)	Interpreting Advertising & Sales
Morning Glories - Kingman	30	26		23	22		22	18	31	18	15
Lamplighters - Kingman	10			11	10		10	7	6	6	2
Havasuettes - Lake Havasu City	39		26	16		19	18	8	32	20	19
Total	79	26	26	50	32	19	50	33	69	44	36

- Clothing Series Popular Study

The consumer education series to assist homemakers in making better use of the family clothing dollar was given in three parts.

In September, sixty-nine women in the three clubs considered the place of clothing in the family budget, distribution of the clothing dollar among family members, and plans to assure proper clothing to meet individual needs. Each club member received a copy of "Clothes for the Places You Go" in advance. This was used as a work sheet at the meetings.

The importance of studying labels, knowing fibers, being fashion conscious, knowing important construction detail, and considering care and fit were included in the second lesson on consumer education. Girl's dresses, knit underwear, blouses and shirts were used as illustrative material. A formula used in considering purchase was: $\text{Value} = \frac{\text{Want} + \text{Need} \div \text{Care}}{\text{Cost}}$.

Cost

Two of the members remarked that they had never thought of keeping labels in an orderly fashion for future reference (care or dissatisfaction with article). The wearing quality of permanent press was of some concern - this is the price we pay for convenience. Forty-four women were present in the three clubs.

Learning to interpret advertising and sales for better value from the clothing dollar concluded the series. Consideration of advertising in general and then sale advertising was considered first. Types of sales and reasons for sales were discussed. Questions to help answer "When is a sale a bargain?" were: How much am I saving?, Why didn't it sell?, Will I use it?, Do I need it?

At the close of the third program, one member from the Lake Havasu City Club told the home economist: "I want to thank you so much for these 'classes'. I don't sew and have never been taught anything about shopping. I've picked up so much information and so many useful suggestions this fall that I feel as though I've been back to school".

This buymanship series on clothing, like the one on food buymanship last year, showed by the enthusiasm of those participating, that women do wish to become informed consumers.

- Saving Time and Energy Important, Too

With all of today's activities, homemakers find that they have neither time nor energy to accomplish what they would like. Since much of the homemaker's time is spent in the kitchen, ways were considered that would make necessary tasks more simple.

Fifty women attended the three club meetings at which the Home Economist discussed the need for developing a questioning attitude toward kitchen tasks, ways of studying present methods, and suggestions for economizing on time and energy.

A member of the Morning Glory Homemakers reported that she had gone directly home from the meeting and rearranged her kitchen cupboards. Another bought magnets and a pad (to be used on the refrigerator for shopping lists) on her way home from the meeting. One member reported that she had quit waxing her kitchen floor and her family hadn't even noticed.

- Wives Learn Benefits of Social Security

Because Social Security effects an increasing number of families, the women wished more information on coverage to expect. Mrs. Davies and Miss Stinson conferred with Social Security officers in preparing the program.

Leon De Busman, Social Security Area Officer, spoke to fifty members in the three clubs in May. Mr. De Busman explained the Social Security program and answered questions. Brochures were distributed and a work sheet was provided for members to figure their own benefits. All members filled out cards to check their own or their husband's status. Two women were pleased to learn that they have minimum coverage when they had not been aware that they were covered. One woman learned that she was "deceased" and quickly corrected that error. The main Social Security office may have wondered what happened in Mohave County to bring in the deluge of cards.

- Open Meetings Offer Clubs Variety

Landscaping, flower arrangements, hair styling, book reviews and hobby crafts were among the selections made for meetings which were left for club choice. Open meetings during the year allow flexibility in the program for individual clubs.

Other Homemaker Club Activities

- Morning Glory's Sponsor Annual Tea

The Morning Glory Homemakers' Club again sponsored the annual tea held during National Homemakers Week. The tea was held at the home of Doris Bonham, a Charter member. Forty-seven women heard June Gibbs, Extension Nutritionist, tell of Isolated Protein as a food source of the future and a hope for the underfed countries of the world.

The tea receives much publicity in paper and on radio which helps make women of the area aware of Extension Home Economics activities. A few new members join clubs each year after being introduced to the program.

Partners in Progress . . . SPECIAL INTEREST EDUCATION PROGRAMS

- Workshop Meet Needs of Special Audiences

Ten special meetings with Head Start Mothers (and fathers) were held during the year in addition to workshops to study color, tailoring, and food judging. The following chart shows the program and the number participating.

Program	Attendance
Color for Self	20
Tailoring	14
Food Judging	14
"Head Start" Series	
Child Development	32
Toys for Children	14
Safety for Children	12
Child Care	19
Home Nursing Aids	19
Family Goals for Money Management	20
Record Keeping	6
Planning for Use of Money	4
Wise Use of Credit	6
Planning the Food Dollar	6

- Color Workshop Popular

Twenty women took part in a three day workshop on color held in January. This group was as enthusiastic as others who have taken the course. Members commented that they were beginning to "see color" now and expected to become even more color conscious as they continued observing.

-Women Tailor Easter Suits

Fourteen women participated in the tailoring workshop completed in March. Three of these women attended only during the demonstration given at the opening of each session and did not make a garment. One child's coat, one jacket, and two jacket dresses were made in addition to seven suits. The Home Economist would schedule meetings farther apart in future workshops. Meetings were held three times a week because some women wished their outfits for Easter. Four of the participants were 4-H leaders who wished the training to help in their work with Advanced Clothing members.

- Judging Class for Fair Participants

Women who enter baked goods and canned goods in the Mohave County Fair and 4-H leaders teaching standards to club members wished to know more about food standards. June Gibbs, Extension Nutritionist held an all day training meeting for those interested. Women did practice judging at the close of the session.

- Home Economist Involved In "Head Start" Planning

Mrs. Davies was involved in the planning stages of the Head Start program this year with the idea of creating more parent participation. Dr. Huggins conducted the first meeting attended by staff and key mothers. The second meeting for interested parents was to acquaint them with possible programs available through Extension. Oludiya Ogunyoye, student trainee from Nigeria, gave a demonstration using boxes for simple home nursing equipment to illustrate the type of thing that could be learned at future meetings.

- Classes for Head Start Parents Deal With Children

As the result of the questionnaire sent out in the spring to parents whose children would be attending Head Start Classes, the Home Economist scheduled a series of meetings pertaining to children and a second series on money management.

The series concerning children started in June with Charles Martin, Family Living Specialist, meeting two times to discuss Child Development. The afternoon session intended for parents was attended by 21 parents and staff members. Eleven staff members were present at the evening session.

During July, Mrs. Davies prepared material on Toys for Children and Safety in the Home. The third lesson, Child Care, was presented by Mrs. Iva Agla, Public Health Nurse, Mrs. Della McGuire, School Nurse, and Mrs. Davies.

Although approximately the same number attended each meeting, they were not all the same group - the women attended according to the interests they had indicated.

A "door prize" (child's book, homemade toy, grooming aids) was given to the person whose name was drawn each time. Bulletins, mimeographed directions and materials for toys were available for all.

- Money Management Series Held

Twenty-seven Head Start mothers signed up for a series of classes on Money Management. Nineteen women and one husband attended the first meeting which was held the last week of Head Start classes. The man contributed a great deal to the discussion on values and goals. His comment at the close of the meeting was, "This has been great. I wish some of you other women would bring your husbands to side in with me". (That was the last we saw of him or his wife who had come all the way from Yucca).

After Head Start classes ended, the attendance dropped to six. Included in addition to Values and Goals was, Record Keeping, Planning, Use of Credit, and Getting the Most for Food Dollar. Although the few who finished felt they had gained useful information, the Home Economist was disappointed that the number decreased so much.

The group had responded very well to the first meeting and seemed eager to return (They had asked for two evening meetings a week instead of weekly and this change was made.) Three reported illness but others dropped from the picture. They did receive reminder notices. Perhaps the mothers felt their schooling ended when the children were through!

- "Head Start" Mothers Start Clothing Exchange

A small number of mothers who were involved in the "Head Start" program this summer have voluntarily set up an "exchange" to handle good used clothing. Anyone in need may come for garments. A room in the Neighborhood Youth Center (OEO) is being used. Mrs. Davies has met with these women to discuss sewing workshops and has prepared an exhibit of children's garments made from adult clothing for display. A Make-Over Workshop is scheduled for early January in the Youth Center. Registration is being conducted at the Center.

Partners in Progress . . . THROUGH OTHER PROGRAMS AND EVENTS

- Letters Reach "Non-Joiners"

A repeat of a series of letters written last year was used to carry information to the homemaker who would otherwise not be exposed to the Extension home Economics program. A series of fourteen short, informative letters, Notes for Young Homemakers, accompanied by University of Arizona Extension Service or U.S.D.A. bulletins, or mimeographed material was mailed to a list of fifty-five women. The letters were mailed a week apart. A file for keeping the material accompanied the second mailing.

Although the letter was intended for those married only a short time, many others received the series by request. Many brides were on the mailing list because Mrs. Davies used wedding announcements in the local paper as one source for compiling the list.

An evaluation sheet sent at the close of the series was returned by just under half. More than half of those answering indicated that they were not familiar with the Mohave County Extension Service before receiving the letters.

All but three women said that the series had been very helpful. The three who checked some commented that they had been married many years. One added the note, "I felt a little guilty receiving these as I am 37 and have been married 15 years. I did find helpful ideas. Thanks a lot!"

Almost all felt that receiving the letters weekly was better than a packet. Examples of reasons given (although not requested) were: "I wouldn't have taken time to read all of it." "It was easier to find a few minutes each week." "A small amount of information is easier to digest than a big packet."

Some other remarks were: Please enroll me for the coming series if possible. The information has been most helpful.", "Very good!! Not enough people are aware of it. I look forward to each letter. Continue it!", "Most helpful to the young bride."

Use of Left-Overs was the letter checked most frequently as being most useful. Managing time and money were also considered valuable as was information on laundering and mending. Husbands, who showed interest in the series, found Use of Credit, Managing Money, and Family Business Centers most helpful.

One husband came into the office especially to express his appreciation for the series being sent to his wife. He had been sharing each mailing with her.

The results of the evaluation and of phone calls and personal comments would indicate that this is an effective method of reaching young homemakers. Some expansion is planned.

- Letter to Parents of Pre-school Children Continues Popularity

A revision of the Pre-school letter mailing list removed a number of parents whose children were now in school. (Perhaps the name of the letter should be changed) New names are continually being added. Eighty-four parents are now receiving the letter. This letter which is written each month by Charles Martin, Family Life Specialist, receives much praise.

- Thirteen Attend Short Course

Twenty-three women and one man pre-registered to attend Homemakers Short Course at Flagstaff. Only seven had attended Town and Country Life Conference previously. Because of bad weather eleven did not attend. All these expressed their disappointment in missing Short Course. The three members who attended from Lake Havasu City were most enthusiastic about their experience.

Because of the distance to Tucson and the length of Town and Country Life Conference, many have not been able to attend. Homemakers Short Course offers these people a comparable experience nearer home. It is hoped that the short course will be offered again.

- Town and Country Life Conference Attendance Low

Six Mohave County residents attended Town and Country Life Conference. All who attended, spent hours making personal contacts attempting to get others to go but this was a bad year - too many graduations and vacations.

- University Senior Receives In-Service Training

Oludiya Ogunyoye, Nigeria, University of Arizona Senior majoring in home economics, completed a month's training in the Mohave County Extension Service office. Mrs. Davies attempted to explain the overall plan and Extension's purpose. Miss Ogunyoye was given the opportunity to present parts of programs in addition to observing. One month is a very short time to attempt to cover the material outlined for the trainee, but Miss Ogunyoye felt she had learned much.

Oludiya has now returned to Nigeria and is working in the Extension Service in her country.

- Home Economist Attends Winter School

The Home Economist completed courses in Family Resource Management and Anthropology at the University of Arizona Winter School. Both classes were exceptionally well taught and the information gained has been most useful.

Youth Development



4-H Helps Members . . .

- Acquire knowledge, skills and attitudes for useful living and a satisfactory home and family life
- Learn through real life experiences a sense of responsibility and pride of ownership
- Develop an ability to make decisions, solve problems and manage time, energy, and money
- Explore career opportunities and recognize the need for a continuing education
- Appreciate the heritage and culture of self and others
- Develop their leadership and citizenship potential

VI. YOUTH DEVELOPMENT (4-H CLUBS AND OTHER YOUTH)

Partners in Progress . . . 4-H MEMBERS, LEADERS, PARENTS, AND SUPPORTERS

Organization

- Club Membership Increases

Two hundred and nineteen boys and girls carrying a total of four hundred and thirty-three projects learned through the 4-H program. Thirty-three different projects were taken by the members in fourteen different clubs. The largest enrollments were in clothing, leathercraft, and food preparation. Second most popular were beef fattening and home management. Eighty-five girls and sixty-three boys fulfilled project requirements to receive completion certificates and year pins.

- Automotive One of the Popular New Clubs

An Automotive Club was one of the new clubs established in Mohave County to meet the growing needs of the boys and girls.

Seven boys completed the Automotive short course led by Keith Young. Mr. Young, a Ford Proving Grounds Superintendent, was well trained and so imparted this knowledge to his members. The group highlighted completion of the course as guests of the Ford Proving Grounds for a "look see" of what makes this large organization so important in testing and safety. Mr. Young, who had not been a leader previously, became so enthusiastic that he is continuing with the second phase of the course.

- Marketing Important to "Fur and Feather" Producers

A first year small animal club, led by Bob England, assisted young boys and girls. Fifteen members raised rabbits and pigeons. The members worked up a small marketing enterprise for disposal of the surplus offspring through local market outlets. This taught the young people the importance of selling as well as raising a "product".

- Members Learn Health Care of Animals

Eight boys and girls mostly enrolled in large animal projects had first hand information on animal health and disease taught by a local veterinarian, Dr. Schrimsher. The members had free access to the clinic, tools, and library of the leader. Those who completed the first unit are eagerly awaiting the start of the second year.

- T.V. a New Media for Club Work

Eight boys and girls at Chloride signed up for a series of 4-H Emergency Preparedness meetings presented on a Las Vegas channel. Mrs. Davies showed the first film of the series to 5th through 8th graders at the Chloride School to introduce them to the "T.V. Action Club". No doubt others who did not enroll also watched the interesting programs but did not do project requirements. The series is to be run on Arizona stations in 1968 to allow more boys and girls to participate.

- Leaders Council Actively Assists Clubs

The 4-H Leaders Council under officers: Mrs. Robert (Abbie) England, president; Philip Bravo, vice president; and Mrs. Sterling (Toni) Corley, secretary-treasurer continued to serve the 4-H program in many ways. Thirty-two leaders are members of the Council.

The Council meets four times during the year for educational training, to discuss policy, and to suggest program development. Members serve on the awards committee.

Members also help plan and operate the county camp and raise funds for 4-H activities.

Proceeds from the food concession at the County Fair are used to finance expenses for camp, Junior Leader Lab, and to help pay for delegates to attend Roundup and Citizenship Day. Mrs. John (Norma) Gross managed the concession this year.

- Junior Leader Council Completes First Year

The Junior Leaders Council completed its first year with La Ree Morago as president. The group placed major emphasis on helping with county activities this year. Rudy Navarro, local high school teacher, serves as adult advisor. Plans are underway to include an educational program at future meetings. There were eighteen members enrolled in the Junior Leader project this year.

Junior Leaders selected to attend Lab. in June were: Margaret Vaughn, Gaye Bandy and Cindy Scott.

- 4-H Receives Community Support

Mohave County Cowbellees continue to support the clubs by the presentation of membership pins. Not only does the Cowbellees organization pay for the pins, but a Cowbellee attends the awards program to give out the certificates and pins to 4-H members.

Valley National Bank again purchased record book covers for new members.

Trophies for the livestock division at the Mohave County Fair were donated by:

Barker's Enco (Truxton)	Kiwanis Club
Bonanza Airlines	Lions Club
Desert Construction	Rotary Club
Frank Finn's Downtown 66 Service	Rubel Ranches
Frank Hunt's (Peach Springs)	

Leadership

- Good Leaders Essential to 4-H Program

Twenty-one women and eleven men served as leaders this year. Ten were leading 4-H for the first time while the other twenty-two have been leaders from two to seven years. Two long time leaders, Howard and Betty Grounds gave up their club this year but have continued to support the 4-H program.

- Citizenship Training Given

Abbie England, who attended Leader's Forum last year met with seven clubs during the year to present Citizenship programs. She also presented a citizenship program at Leaders Council, and went over the points of the program and its significance in working with young people with Mrs. Davies and trainee, Oludiya Ogunyoye.

Robert England attended the Forum held in Salt Lake City this year. His report to Council was given at the 4-H Sunday picnic held at Katherine's Landing.

- Livestock Members Informed

All livestock members and leaders received first hand information on nutrition, showing and fitting of animals for show. The Livestock Specialist speaking to the large group presented information that was most helpful in more healthy animal projects.

- Busy Bees Study Color

Girls carrying clothing and Home Mgt./Home Furn. projects, and their leaders attended a two day color workshop. The leaders felt they could use the information with the girls during the year as review. The workshop was primarily an introduction to color for the younger girls.

- Clothing Leaders Discuss Needs

Three clothing leaders met with the Home Economist to discuss emotional and physical needs of 9 - 13 years old girl in clothing program.

- Leaders Attend Tailoring Workshop

Four clothing leaders attended the tailoring workshop to learn skills and techniques which would be helpful in working with advanced clothing members.

- Foods Judging Teaches Standards

Four foods leaders attended a foods judging workshop conducted by Nutrition Specialist, June Gibbs. Object of the training was to understand standards and to help members in decision making.

Education Through Projects and Project Related Activity

- 4-H Members Learn Through Projects

Club members select projects suited to their needs and abilities. These projects are completed in the home using educational material furnished through the Extension Service. Members are assisted in developing their projects at work-meetings supervised by project leaders and junior leader assistants.

- Beef Club Activities Fit Project

To help teach boys and girls enrolled in the beef fattening project understand the proper type animal best suited for today's market, a series of livestock judging events was held. Members were selected to represent Mohave County on the Roundup judging team.

The Forceful Feeders held their annual barbeque to raise funds for their club and for beef sale promotion. A large crowd attended.

- County Judging a Learning Experience

Decision making through judging has long been recognized as an important part of the 4-H program. Club members receive training in judging based on a stated situation using learned standards.

Ten girls took part in the senior home economics judging. After the girls had completed judging and giving reasons the rings were discussed with the girls taking part. Seventeen junior members judged in the afternoon session. Junior Leaders prepared judging rings and discussed rings. Junior Leaders helped young members who had questions about use of judging cards and procedure.

Roundup judging teams selected were: Foods - La Ree Morago, Kathy Kimball, and Grace Ann Todd; Clothing - Isabel England, Gaye Bandy, and Margaret Vaughn; HM/HF - Darcy Kimball. Kathy and Margaret did not attend because of work.

- Demonstrations - Show and Tell

Each 4-H member is expected to give at least one demonstration or illustrated talk during the club year. The demonstrators learn more about their subjects while preparing for their demonstrations. In addition they gain self confidence by appearing before a group.

Most of the demonstrations are given at the regular club meetings. No member is required to participate in county competition.

Five blue and five red ribbons were awarded at the county event. Selected to demonstrate at Roundup were: La Ree Morago, Kay Clutter, and Cindy Scott. Kay was unable to attend because she was working.

- Beef Program Draws Small Number

The Mohave County Cowbelles and Extension Service combined the Cowbelles Cook-Off (Favorite Food - Beef - Show) and the Arizona Beef Council 4-H Beef Demonstrations. Much publicity and many personal contacts were made to interest participants and audience as well. Three girls gave demonstrations and two girls exhibited favorite beef dish. Those taking part in the Beef Demonstration were: La Ree Morago, Judy King, and Bertha Gross. La Ree participated at State in the senior division and Judy in the junior division. Judges were: Melba Smith, Clare Collins, and Betty Grounds.

- Large Audience View Revue

One hundred and two persons attended the Dress Revue, Favorite Food Show, and Public Speaking Contest held in the Junior High Auditorium March 18. 4-H Leaders taking charge of arrangements were Noma Morago, Jane Dell, and Abbie England. Yvonne Silva was selected to represent the county at the State Dress Revue. Naomi Grant, Home Economics teacher; Syd Clayton, KAAA and former model; and Harold Johnson, manager of Penney's were the judges. Thirty-five girls modeled garments they had made.

Eleven boys and girls took part in the Favorite Food Show. Katherine Watterson, who judged, commented on the improvement in the exhibits. She is a home economist who has judged previously.

- 4-H Opens Door to Career Selection

One Senior 4-H member who enrolled in college this fall has selected home economics as her major because of her 4-H experiences. Her goal is to be an Extension Home Economist. During her six years in 4-H, she made most of her own clothes - the past two years she has earned extra money by sewing for her classmates.

As a Junior Leader she assisted many younger members in their clothing projects. This summer she was hired by the Community Recreation Committee as assistant instructor for two sewing classes for young girls. The summer's experience not only increased her college fund but also increased her determination to do home economics work with youth. She has been asked to assist with the recreation program again next year.

Other Club Activities and Events

The East Mohave County 4-H Club in the Hackberry area sponsored a gun safety program for all interested person in the vicinity. Mr. and Mrs. Frank Hunt, formerly of the Peach Springs 4-H Club, are the leaders of this club.

- 4-H Sunday Observed With Picnic

Seventy-three members, leaders, and their families met at Katherine's landing for a pot-luck picnic in observance of Rural Life Sunday. Both councils held meetings during the afternoon. Later, games made by Bob England were played by the group.

- National 4-H Week Observed

The Cactus Wren 4-H Club had a window exhibit during the week, KAAA used spot announcements during the week, Mrs. Davies devoted her October 2 radio program to 4-H, the weekly News Miner used 4-H fillers throughout the October 5 issue and an article inviting young people to join 4-H was in the same edition.

- Annual Camp Held

Fifty-one members, three leaders, one husband of a leader, Howard Grounds, and the Home Economist attended camp in the Hualapai Mountains at Camp Levi-Levi Friday through Sunday, August 25 - 27. Because of much rain this summer, the area was very muddy but the sun shone all week-end. This year, meals were prepared by individual clubs; so that all had a share in the work. Again, the Junior Leaders took charge of recreation, campfire, singing and flag ceremonies. Chris Williams, Soil Conservation, talked to members on conservation followed by a walk through the woods.

- 4-H Take Part In County Fair

Project work in clothing, knitting, foods, home management, photography, leathercraft, arts and crafts, bees, and gardening was exhibited in the 4-H building during the Fair. Approximately 1400 people came through the building.

Details of livestock activities are reported under Agricultural Marketing

The 4-H Leaders Council has decided to sponsor a separate 4-H Fair in June next year. Plans are being made to incorporate county judging and demonstrations in the same event.

- 4-H Alumni Register at Fair

Seventy-three 4-H alumni from all parts of the country signed a register and placed a pin in a map to show where they had formerly been 4-H members. A letter has been sent thanking each alumnus for visiting the 4-H division and urging each to support the 4-H program. The Leader's Council hopes to have a "get-together" later.

- Mohave County Well Represented at Citizenship Meeting

Delegates for Citizenship Day were selected from twelve nominees. John King, Automotive Club, and Kathy Kimball, Roadrunners were accompanied by leader Robert England.

- Three Attend Citizenship Short Course

Gaye Bandy, E.M.C. Club, Hackberry; Mike Gross, Forceful Feeders, Kingman; and John King, Oil Spots, Kingman, attended the Citizenship Short Course in Washington, D. C. The Arizona delegation spent a week at the 4-H Center, visited spots of national importance in Washington, and returned by way of New York City. All three have reported to their clubs and other groups on their experiences.

- Club Members Visit State Fair

Members of the Fur and Feathers and the Big Sandy 4-H Clubs were taken to Phoenix by their leaders for an educational tour of the State Fair.

Partners in Progress . . . OTHER YOUTH

- Scouts Plant Trees

Explorer Scouts as well as the Boy Scout troops received training in tree planting both for Christmas trees and reforestation. Approximately forty-five boys planted 600 trees both in Hualapai Park and at Camp Levi-Levi.

- Scouts Earn Merit Awards

Eleven Boy Scouts were counceled on their Merit Badge Awards. These awards are given after exhibiting knowledge in these projects - all awards were in the agriculture field such as conservation, forestry, and gardening.

- Community Recreation and Extension Co-operate

Because a sewing class for girls planned last year had not been held, Mrs. Davies had promised to hold one this summer.

Early in the spring the Community Recreation Committee asked about the class. They wished to offer sewing but did not want to duplicate. The result was that Mrs. Davies attended their meetings and planned with them. The committee took care of publicity, registration, class space, and paid for an assistant, a six year 4-H member. Mrs. Davies conducted the classes. Two groups, totaling 40 girls, attended class two mornings a week August 1 - 25. The 9 - 11 year olds all completed aprons. The older girls made shifts. The director of the entire program commented on the interest of the girls and the almost perfect attendance maintained throughout the workshop. The girls were told about 4-H and given enrollment cards. Ten of these girls enrolled in 4-H this fall.

The experience was most valuable to the Home Economist for many reasons - perhaps the most important is a greater appreciation of all leaders.

This was another opportunity for Extension to cooperate with a community sponsored group.

- Home Economist Serves on Two Youth Committees

Mrs. Davies has served as a member of the Distributive Education Advisory Committee of Mohave County Union High School and as a member of the Community Recreation Committee. Both groups serve the youth of the community.

- Talent Show Judge

The Home Economist served as one of the judges at St. Mary's School talent show. Groups from all grades 1 through 8 took part.

Community Improvement & Public Affairs



Cooperative Extension Helps Citizens . . .

- Develop community leadership
- Develop understanding of public issues and policies
- Improve community environment
- Improve economic opportunities through the analysis and development of the communities human, natural, and economic resources.

VII. COMMUNITY IMPROVEMENT AND PUBLIC AFFAIRS

Partners in Progress . . . COMMUNITIES ARE MORE ADEQUATELY DEVELOPING THEIR RESOURCES

- Area Development Council See Hard Work Paying Off in New Industry and People to the Area

Feasibility studies sponsored by the council have assisted the General Cable Company in locating at the county airport. The large new buildings have been under construction for nearly a year and will be in operation by the end of 1967. Approximately two hundred people will be employed in a year.

The council was also instrumental in a feasibility study, conducted by the Bureau of Reclamation and the state, in transporting water from the Colorado River to Kingman and vicinity. This study has proven feasible and is paving the way for a larger community and more industry with unlimited water reserves for years to come.

- Home Landscaping Workshops Prove of Interest to Homeowners at Lake Havasu City and Kingman.

The peoples that are building new homes have moved to these communities from all over the Western Hemisphere. Most have not encountered the soils and climate problems and therefore management is much different than they are accustomed to.

These workshops were set up for three phases; soils and climate, planting material, and management. Considerable time is saved through these type meetings reducing office calls, telephone calls and home visits. The results are quite noticeable as visits to these communities show homes beautified through better landscaping practices.

- Mohave County Board of Supervisors Appropriate Money for Trees for Windbreak Plantings.

Several thousand trees were purchased through the Colorado State Nursery for planting near the Kingman Job Corps, at the County Fair grounds and on a fire denuded area in the Walapai Park.

Those responsible for the development were the Planning and Zoning, Job Corps Director, County Fair Superintendent and the Extension Service.

VIII. SUMMARY, OUTLOOK AND RECOMMENDATIONS

Mohave County's Business Index, as reported in the monthly Arizona Review, shows the county as having gained approximately 500% in economic growth since 1960. In fact, Mohave County is showing a 400% increase over any other county in the State. This means a number of things but the most important is its growth in people which goes hand in hand with economic growth. These people are anxious and demanding of information.

A number of the communities are not now being fully reached through the University programs. The youth programs as well as the adult programs need to be improved and more emphasis placed in bringing the over-all county programs to these areas.

The livestock industry has been assisted with a listing service. This appears to be slightly outdated as there are demands for organizing a local auction. This project has been worked on and will require considerable effort on the ranchers and research peoples to have the machinery ready for the spring of 1968.