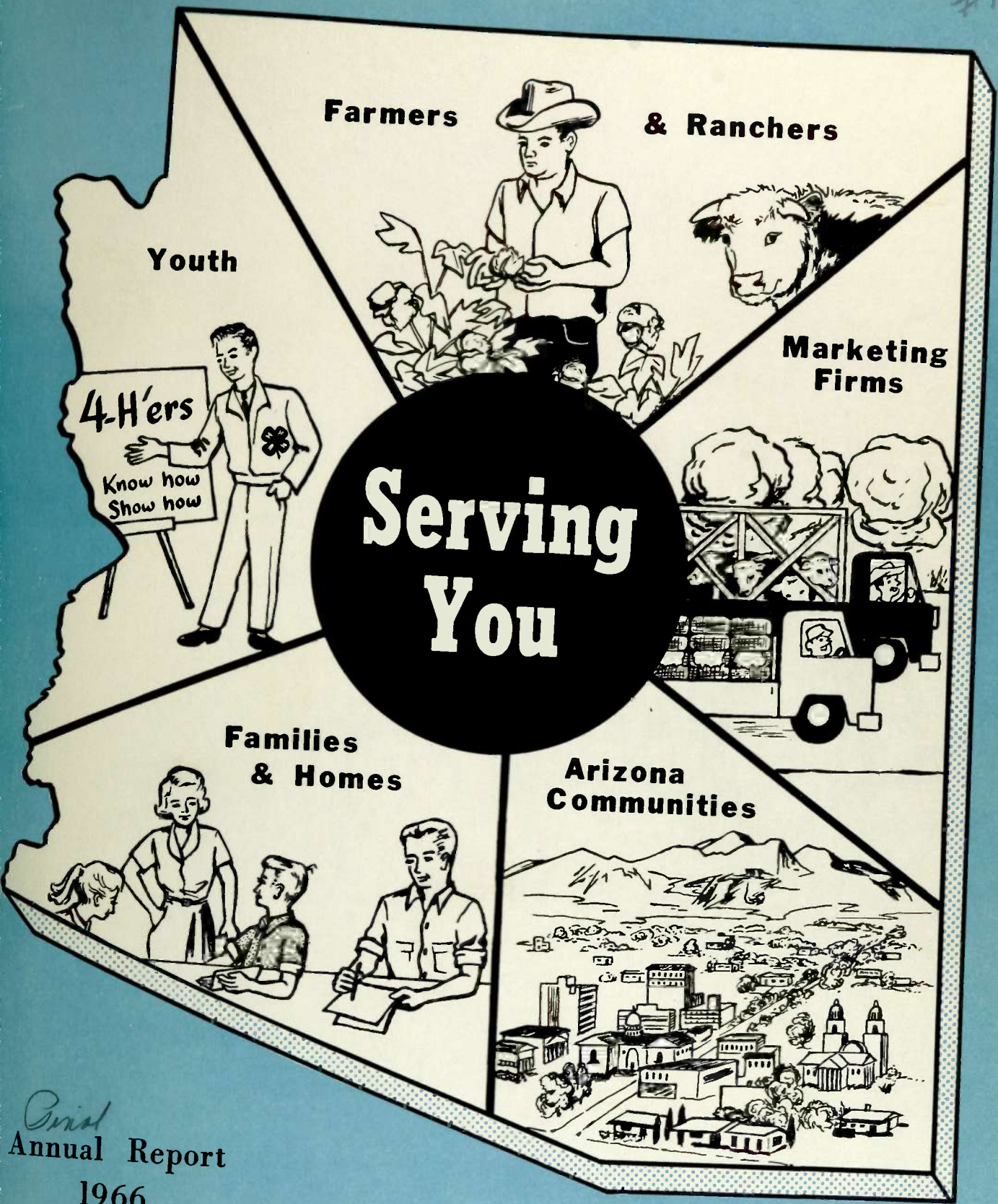


#1



Farmers & Ranchers

Youth

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Arizona Communities

4-H'ers

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Annual Report  
1966

Cooperative Extension Service  
The University of Arizona  
Tucson

PINAL COUNTY  
ANNUAL NARRATIVE REPORT

Charles E. Robertson AGRICULTURAL AGENT IN CHARGE

Keith G. Jones AGRICULTURAL AGENT

James W. White AGRICULTURAL AGENT

F. J. Vautour AGRICULTURAL AGENT

Samuel Hedman ASSISTANT AGRICULTURAL AGENT

Shirley Trick HOME ECONOMIST

John Lynn ASSISTANT HOME ECONOMIST

JANUARY 1, 1966  
TO  
DECEMBER 31, 1966

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# 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, PROGRAMMING AND EVALUATION

## A. COUNTY STAFF AND THEIR MAJOR AREAS OF RESPONSIBILITY

1.	CHARLES E. ROBERTSON	AGENT IN CHARGE
2.	JAMES W. LITTLE	HORTICULTURE, WEED CONTROL, GRAIN CULTURE
3.	SAM STEDMAN	ENTOMOLOGY, COTTON VARIETIES, COTTON CULTURE
4.	F. VAN WILSON	LIVESTOCK
5.	SHIRLEY WEIK	ADULT HOME ECONOMICS
6.	SALLIE LYNN	4-H HOME ECONOMICS
7.	KEITH G. JONES	4-H
8.	NEVA KIRKLAND	SECRETARY
9.	BETTY PRICE	STENOGRAPHER
10.	CHERYL MCGEE	STENOGRAPHER

## B. STAFF CHANGES

Mrs. BETTY PECK RESIGNED AS OF JULY 1, 1966. MISS CHERYL MCGEE IS HER REPLACEMENT.

## C. HOW THE EXTENSION PROGRAM IS DEVELOPED

THERE ARE TWO GENERAL CLASSIFICATIONS OF OUR WORK. ONE PHASE IS THE INDIVIDUAL OR GROUP INQUIRY. THE STAFF ANTICIPATES THESE CALLS AS MUCH AS POSSIBLE BUT IN THE MAIN THESE PROBLEMS ARE DEALT WITH AS THEY ARISE. THE SPECIALISTS AND RESEARCH PEOPLE OF THE UNIVERSITY OF ARIZONA ARE INVOLVED IN ASSEMBLING AND DISSEMINATING THIS INFORMATION TO THE PEOPLE.

THE SECOND PHASE OF OUR WORK CONSISTS OF THE PLANNED PROGRAM. THIS PROGRAM IS DEVELOPED IN THREE MAJOR AREAS: AGRICULTURAL, HOME ECONOMICS AND 4-H.

THE AGRICULTURAL SECTION OF THE PROGRAM IS DEVELOPED BY INDIVIDUAL CONTACT OF THOSE PEOPLE ASSOCIATED WITH AGRICULTURE; AGRICULTURAL GROUPS, AGRIBUSINESS INDIVIDUALS, FIRMS AND GROUPS. THE AGENTS EVALUATE EACH AREA AND GIVE PRIORITIES TO THE PROBLEMS BASED ON NEED.

LOCAL GROWERS, COTTON GROWERS ASSOCIATION, FARM BUREAU, SOIL CONSERVATION DISTRICTS, OTHER GOVERNMENT AGENCIES, LIVESTOCK ASSOCIATIONS, LENDING AGENCIES, COTTON COMPANIES, INSECTICIDE AND FERTILIZER COMPANIES, MACHINERY DEALERS EQUIPMENT MANUFACTURERS AND OTHER SIMILAR INDIVIDUALS AND GROUPS ARE CONTACTED CONTINUALLY AND THE PROGRAM CHANGED TO FIT THE CHANGING SITUATIONS.

## D. ADVISORY GROUPS - THEIR PURPOSE AND MEMBERSHIP

THE COUNTY AGRICULTURAL EXTENSION BOARD WAS APPOINTED IN JANUARY BY THE BOARD OF SUPERVISORS. THEY ARE:

	<u>TERM</u>
Mrs. DAVE MILLER, Box 457, MAMMOTH	1 YEAR
Mr. FRED ASH, c/o P Z RANCH, WINKELMAN	1 YEAR
Mr. TOM GADDIS, Rt. 1, Box 62, MARICOPA	2 YEARS
Mr. ELVERN MCGEE, Box 3, VALLEY FARMS	2 YEARS
Mr. JIM BENEDICT, 201 DATE DRIVE, CASA GRANDE	2 YEARS
Mr. PHIL THOMPSON, Box 787, ELOY	1 YEAR
Mr. WILLIS COMBS, Rt. 1, Box 99, QUEEN CREEK	1 YEAR

1. EXTENSION ORGANIZATION, PROGRAMMING AND EVALUATION

D. ADVISORY GROUPS - THEIR PURPOSE AND MEMBERSHIP (CONTINUED)

THE PINAL COUNTY COUNCIL OF HOMEMAKERS' CLUBS SERVES AS THE ADVISORY GROUP FOR THE ADULT HOME ECONOMICS PROGRAM.

THE COUNCIL IS MADE UP OF REPRESENTATIVES OF EACH OF THE NINE HOMEMAKERS CLUBS IN THE COUNTY. THE MEMBERSHIP OF THE 1966 COUNCIL FOLLOWS:

PRESIDENT.....MRS. DAVE MILLER, MAMMOTH  
VICE PRESIDENT.....MRS. VERTON JACKSON, SACATON  
SECRETARY-TREASURER.....MRS. HARRY GRIGSBY, KEARNY  
OTHER MEMBERS.....MRS. H. STEWART, BAPCHULE  
MRS. J. O. BROWN, BAPCHULE  
MRS. VIOLA MORGAN, BLACKWATER  
MRS. JESSIE JOHNSON, BLACKWATER  
MRS. RONALD ANDERSON, CASA GRANDE  
MRS. ELSIE DAVIS, CASA GRANDE  
MRS. JOHN FRONSKE, COOLIDGE  
MRS. G. N. MAUPIN, COOLIDGE  
MRS. R. W. NEELY, FLORENCE  
MRS. JOHN LEWIS, FLORENCE  
MRS. R. G. MAYFIELD, KEARNY  
MRS. RICHARD ROSSMAN, KEARNY  
MRS. SAM JONES, MAMMOTH  
MRS. DALLAS RHODES, SACATON  
MRS. JESSE METCALF, SUPERIOR  
MRS. ALEX ARNETT, SUPERIOR  
MRS. MYRTLE SHARTZER, WINKELMAN

THE COUNCIL MEETS FOUR TIMES DURING THE YEAR - IN JANUARY, APRIL, SEPTEMBER, AND NOVEMBER. IT ASSUMES RESPONSIBILITY FOR TRAINING CLUB OFFICERS, PROMOTES PARTICIPATION IN THE ANNUAL TOWN & COUNTRY LIFE CONFERENCE AT THE U OF A, AND SELECTS PROJECT AREAS TO BE EMPHASIZED IN THE HOMEMAKERS' CLUB PROGRAMS AND/OR OFFERED TO THE GENERAL PUBLIC IN OPEN MEETINGS OR THROUGH MASS MEDIA.

THE COUNCIL MEETINGS ARE HELD IN DIFFERENT COMMUNITIES THROUGHOUT THE COUNTY AND ARE USUALLY ARRANGED TO INCLUDE TOURS OR VISITS TO PLACES OF PARTICULAR INTEREST IN THE AREA IN ORDER TO HELP MEMBERS BECOME BETTER ACQUAINTED WITH THE LIVING SITUATIONS OF FAMILIES IN PARTS OF THE COUNTY OTHER THAN THEIR OWN. WE FEEL THAT THIS IS IMPORTANT TO OUR PROGRAM PLANNING SINCE THE WAY-OF-LIFE IN THE DIFFERENT COMMUNITIES VARIES FROM MINING TOWNS TO RANCHES AND COTTON FARMS AND INDIAN RESERVATIONS. SIX MEMBERS OF THE COUNCIL, INCLUDING ONE OF IT'S OFFICERS, LIVE ON THE GILA RIVER INDIAN RESERVATION.

THE PINAL COUNTY 4-H BOARD OF DIRECTORS SERVES AS THE ADVISORY GROUP FOR THE COUNTY 4-H PROGRAM. THIS GROUP IS IN CHARGE OF THE 4-H FAIRGROUNDS, BUILDINGS AND FACILITIES OWNED BY THE PINAL COUNTY 4-H CLUBS, INC. THEY ALSO DETERMINE HOW THE COUNTY 4-H FUND IS TO BE SPENT.

# I. EXTENSION ORGANIZATION, PROGRAMMING AND EVALUATION

## D. ADVISORY GROUPS - THEIR PURPOSE AND MEMBERSHIP (CONTINUED)

THE 4-H BOARD IS COMPOSED OF 9 ADULT LEADERS AND 2 JUNIOR LEADERS (1 BOY AND 1 GIRL). THE ADULTS ARE ELECTED BY MAIL BALLOT WHICH GOES TO ALL LEADERS IN THE COUNTY. THEY SERVE 3 YEAR STAGGERED TERMS. PRESENT MEMBERS OF THE BOARD ARE AS FOLLOWS:

MR. GEORGE STEELE, CASA GRANDE - PRESIDENT  
MR. JOE COOPER, FLORENCE - VICE PRESIDENT  
MRS. RICHARD ROORDA, APACHE JUNCTION - SECRETARY  
MR. ROY SWISHER, COOLIDGE - TREASURER  
MR. BOB SHULER, ELOY  
MR. JIM HARVEY, VALLEY FARMS  
MRS. MIKE BIDEGAIN, RAY  
MR. WILLIS COMBS, QUEEN CREEK  
MRS. MAX TAYLOR, COOLIDGE  
KEITH JOHNSON, COOLIDGE - JUNIOR LEADER  
SHIRLEY KARMAN, CASA GRANDE - JUNIOR LEADER

### COUNTY COMMITTEES ASSIST 4-H CLUB WORK

#### LIVESTOCK COMMITTEE

THE LIVESTOCK COMMITTEE, COMPOSED OF ADULTS INTERESTED IN YOUTH AND IN LIVESTOCK, RENDERED A GREAT SERVICE IN HELPING WITH THE LIVESTOCK SHOW AND SALE AT THE 4-H FAIR. THIS COMMITTEE ALSO HELPED LOCATE CALVES FOR 4-HERS AT THE START OF THE CLUB YEAR.

#### AWARDS COMMITTEE

LEADERS OF FOUR CLUBS MADE UP THE AWARDS COMMITTEE. THIS IS ROTATED AMONG CLUBS EACH YEAR. ALL BOOKS SELECTED FOR COUNTY AND STATE AWARDS WERE SELECTED BY THIS COMMITTEE. LEADERS CONTINUE TO EXPRESS THEIR CONVICTION THAT THIS JUDGING IS GOOD TRAINING FOR THEM. THEY ALSO ARE MORE CONVINCED OF THE MANY VALUES OF 4-H CLUB WORK.

#### HOME ECONOMICS COMMITTEE

SELECTED 4-H LEADERS SERVED ON THE HOME ECONOMICS COMMITTEE TO ADVISE AND PLAN FOR COUNTY 4-H EVENTS INVOLVING HOME ECONOMICS PROJECTS.

#### SENIOR 4-H EXECUTIVE COUNCIL

THIS GROUP IS COMPOSED OF THE OFFICERS OF THE COUNTY SENIOR 4-H CLUB. THESE SENIOR 4-H MEMBERS PROVIDE LEADERSHIP IN PLANNING AND CONDUCTING COUNTY 4-H ACTIVITIES AND EVENTS. THESE INCLUDE 4-H CAMP, 4-H FAIR, TRI-COUNTY SENIOR EVENT, AND DEMONSTRATION DAY.

1. EXTENSION ORGANIZATION, PROGRAMMING AND EVALUATION

E. ASSISTANCE OF INDIVIDUALS, GROUPS, ORGANIZATION AND AGENCIES

AN INVALUABLE SERVICE HAS BEEN RENDERED BY THE LOCAL CHURCHES, SERVICE COMPANIES AND TOWN OFFICIALS WHO HAVE MADE MEETING PLACES AVAILABLE - USUALLY FREE OF CHARGE - FOR THE EDUCATIONAL PROGRAMS OF THE EXTENSION SERVICE.

PARTICULAR ACKNOWLEDGEMENTS FOR HELP WITH THIS PAST YEAR'S PROGRAMS GO TO THE SOUTHWEST GAS CORP. FOR THE USE OF ITS AUDITORIUMS IN BOTH CASA GRANDE AND COOLIDGE; ARIZONA PUBLIC SERVICE; ELECTRICAL DISTRICT #2; THE TOWN OFFICIALS IN MAMMOTH AND KEARNY AND RED ROCK FOR THE REGULAR USE OF THEIR COMMUNITY CENTER AND TOWN HALL AND SCHOOL; THE LIONS' CLUB IN MAMMOTH; THE LIBRARY ASSOCIATION IN SUPERIOR; THE PRESBYTERIAN CHURCHES IN STANFIELD, FLORENCE, AND COOLIDGE; THE CATHOLIC CHURCH IN KEARNY; THE TRIBAL COUNCIL OF THE GILA RIVER INDIAN RESERVATION AND THE BIA PIMA AGENCY.

WITHOUT THEIR COOPERATION MUCH OF THE HOME ECONOMICS PHASE OF THE PROGRAM, AT LEAST, COULD NOT HAVE BEEN AS EFFECTIVELY CARRIED OUT.

THE DEMONSTRATION OF NEW METHODS, PRODUCTS, VARIETIES, AND OTHER NEW ITEMS IS MADE POSSIBLE BY THE GOOD COOPERATION OF THE MANY GROWERS AND COMMERCIAL PEOPLE THAT ARE WILLING TO SPEND THEIR TIME AND EFFORT TO HELP OTHERS AND THE COMMUNITY.

THE COTTON GROWERS ASSOCIATION, FARM BUREAU, CATTLE GROWERS, CATTLE FEEDERS, SOIL CONSERVATION DISTRICTS AND COMMERCIAL COMPANIES ARE HELPFUL IN MANY WAYS TO GET THE WORD OUT TO THE CUSTOMERS OF EXTENSION.

THE PEOPLE OF PINAL COUNTY BACK THE 4-H PROGRAM WITH BOTH TIME AND MONEY. THE VOLUNTEER LEADERS WHO WORK DIRECTLY WITH THE 4-H MEMBERS NUMBER 125. NEARLY \$3,000 WAS RAISED IN THE SALE OF ADS FOR THE 4-H FAIRBOOK. ABOUT \$550 OF THIS WAS USED FOR PRINTING THE BOOK, AND THE REST WENT INTO THE COUNTY 4-H FUND. SOME OF 4-H CAMP EXPENSES, LEADER TRAINING EXPENSES, AWARDS AND 4-H FAIR EXPENSES ARE PAID FROM THIS FUND.

THE COUNTY FARM BUREAU AGAIN GAVE FUNDS TO SUPPORT PROJECT WORK AMONG LOW INCOME FAMILIES.

THE SERVICE CLUBS IN THE COUNTY BACKED 4-H MEMBERS BY INVITING THEM TO THE MEETINGS TO GIVE DEMONSTRATIONS OR SPEECHES.



1966 AGRICULTURAL EDUCATION PROGRAMS BY COMMUNITIES

Program	Casa Grande	Coolidge	Eloy	Maricopa Stanfield	Aravaipa	Oracle Mammoth
Agricultural Production	1	2	2	2		
Sugar Beet Production Demonstration	1					
Sugar Beet Production School	1					
Orain Sorghum Varities Test		1	2			
Sorghum-Sudan Cross Forage Test	1					
Karmex Residual on Sorghum Test	1					
Sorghum Disease Control Test			1			
Farm Machinery Field Day	1					
Alfalfa Variety Test	1	1				
Ditch Bank Weed Control Demonstration		1				
Citrus Rootstock Evaluation					1	
Forage Sorghum Test	1					
Range Plant Control						2
Ensilage Storage	1					

1966 AGRICULTURAL EDUCATION PROGRAMS BY COMMUNITIES

Program						
Soy Bean Variety Test	Casa Grande					
	Coolidge	1	2			
	Eloy		5			
	Maricopa Stanfield		6			
	Aravaipa					
	Oracle Mammoth					
Farm Management		2				

1965 HOME-MAKING EDUCATION PROGRAMS BY COMMUNITIES

\* Estimated Figure

Program	Blackwater	Casa Blanca	Casa Grande	Coolidge	Eloy	Florence	Kearny	Mammoth	Maricopa	Oracle	Sacaton	San Manuel	Stanfield	Superior	Winkelman
Homemakers' Clubs Programs															
Sewing With The New Fabrics	9	10	17	10		15	5	15			11			13	1
Developing A 'Healthy' Personality	8	8		11			7	15			10			12	1
Developing A Sense of Responsibility in Adults		8		10		14	5	13			8			12	1
Developing A Sense of Responsibility in Children				8		12	6	12			2			11	1
Selection and Arrangement of Household Accessories	8		16	15		10	9	11			2			7	1
Ideas for Window Treatments	6	8	25	11		17	6	11			2			12	1
Special Audiences - Making Curtains and Draperies	5	5		8		12		12						12	
Creative Design (cont'd in '67)		2	10	30		5	8	10			1				
Basic Nutrition		*	15	*		*	*	9			*		*	23	
Letters to Parents of Preschoolers		12	16	13		15	17	5			1			24	
Town and Country Life Conference			6					1			1				1
Developing a 'Healthy' Personality														17	
Care of Major Household Appliances						20									
Family Life Abroad			180	20		40	10								
Careers in Home Economics			40												
Foods Judging Standards			3	1		3	6	4							

4-H CLUB PROGRAM IN PINAL COUNTY

4-H Clubs (20)	
1	Apache Junction
1	Casa Blanca
2	Casa Grande
1	Children's Colony
4	Coolidge
1	Florence
1	Kearny
1	Mammoth
2	Oracle
1	Queen Creek
1	Red Rock
1	Sacaton
1	Stanfield
1	Superior
1	Valley Farms

# I. EXTENSION ORGANIZATION, PROGRAMMING AND EVALUATION

## G. PROGRAM EVALUATION

THE ELM LEAF BEETLE CAUSED SEVERE DAMAGE TO THE ELM TREES IN PINAL COUNTY LAST YEAR. THIS WAS EXPECTED BECAUSE OF THE BUILD UP THE YEAR BEFORE. WE KNEW THAT THE HOME OWNERS WOULD NEED TO BE INFORMED OF THE NATURE OF THE INSECT AND ITS DAMAGE AND THE BEST METHOD OF CONTROL. TO MEET THIS NEED A SINGLE SHEET FLYER TYPE FOLDER WAS PREPARED AND GIVEN MASS DISTRIBUTION. (SEE APPENDIX)

TO DETERMINE THE EFFECTIVENESS OF THIS EDUCATIONAL TOOL, WE USED THE DROP IN REQUESTS FOR THIS INFORMATION THAT CAME TO US. BEFORE THE MAILING OF THIS FLYER WE WERE RECEIVING EIGHT TO TEN REQUESTS PER DAY. ABOUT ONE WEEK AFTER THE MAILING OUR CALLS DROPPED TO ONE OR TWO PER WEEK. THE FLYER WAS THEN USED TO FILL THESE REQUESTS ALSO.

AFTER EVERY MAJOR COUNTY 4-H EVENT AN EVALUATION WAS MADE AT THE NEXT 4-H BOARD OF DIRECTORS MEETING. THIS GIVES WE IN EXTENSION A GOOD BASIS FOR PLANNING IN THE FUTURE.

AFTER THIS YEAR'S FAIR ALL LEADERS WERE INVITED TO AN EVALUATION MEETING.

IN ADDITION, EVALUATIONS ARE MADE BY THE COMMITTEES, SUCH AS HOME ECONOMICS AND LIVESTOCK, CONCERNING THAT PHASE OF THE PROGRAM.

SINCE JUNE OF 1964 A MONTHLY NEWSLETTER TO "PARENTS OF PRESCHOOL CHILDREN" HAS BEEN DISTRIBUTED TO A STEADILY GROWING MAILING LIST. THIS LETTER WAS PREPARED BY CAROL DOTY, UP UNTIL SEPTEMBER 1966, AND DISTRIBUTED THROUGHOUT THE STATE THROUGH THE COUNTY OFFICES.

SINCE MOST OF OUR EDUCATIONAL PROGRAMS ARE CARRIED OUT THROUGH MEETINGS IT WAS DECIDED TO MAKE AN EVALUATION STUDY OF THE EFFECTIVENESS OF THIS LETTER IN PINAL COUNTY. THROUGH THIS STUDY WE HOPED TO FIND OUT (1) HOW USEFUL THE RECIPIENTS OF THIS LETTER HAVE FELT IT HAS BEEN TO THEM (2) HOW THEY ARE USING IT, AND (3) WHETHER A LETTER OF THIS TYPE MIGHT BE USED IN OTHER AREAS OF SUBJECT MATTER INFORMATION PARTICULARLY WITH THOSE PEOPLE WHO FIND IT DIFFICULT TO COME TO MEETINGS.

SINCE MRS. DOTY LEFT THE STATE STAFF IN AUGUST, AND THE AUTHORSHIP OF THE LETTER CHANGED WITH THE SEPTEMBER ISSUE, IT SEEMED LIKE THIS WAS THE LOGICAL TIME TO START THE STUDY.

OUR FIRST STEP HAS BEEN TO WRITE EACH RECIPIENT AND SEE WHETHER SHE WISHED TO BE KEPT ON THE MAILING LIST. THIS REQUEST WENT OUT WITH THE SEPTEMBER LETTER AND A REMINDER WITH THE OCTOBER LETTER. OF THE 139 ON THE ORIGINAL MAILING LIST, 40 ASKED TO BE KEPT ON IT. (THIS RATHER SURPRISED US SINCE WE HAVE HEARD SO MANY FAVORABLE COMMENTS ABOUT THE LETTER).

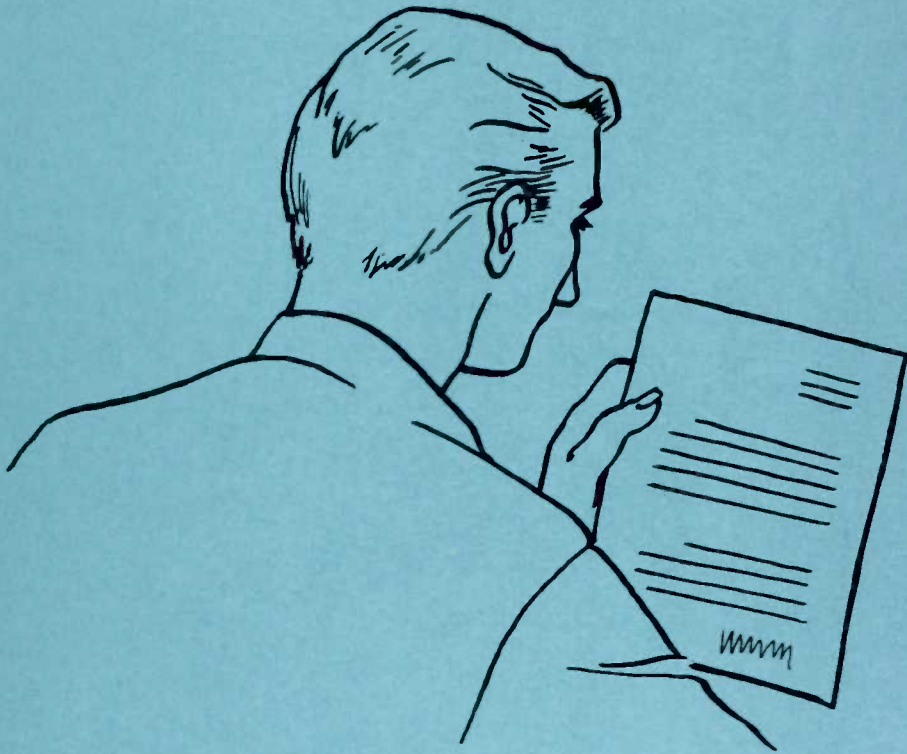
OUR NEXT STEP HAS BEEN TO PREPARE TWO QUESTIONNAIRES - ONE TO GO TO THOSE WHO HAVE REMAINED ON THE LIST, THE OTHER TO THOSE WHO HAVE BEEN TAKEN OFF. SINCE IT HAS TAKEN SO LONG TO BRING THE MAILING LIST UP-TO-DATE IT SEEMS ADVISABLE NOW TO POSTPONE THIS STEP UNTIL AFTER CHRISTMAS.

I. EXTENSION ORGANIZATION, PROGRAMMING AND EVALUATION

G. PROGRAM EVALUATION (CONTINUED)

THE INFORMATION WE ARE SEEKING IN THE QUESTIONNAIRE IS (1) THE AGE GROUP OF THE RECIPIENT (IT HASN'T BEEN RESTRICTED TO PARENTS OF PRESCHOOLERS BUT HAS ALSO BEEN GOING TO 4-H CLUB MEMBERS ENROLLED IN THE CHILD CARE PROJECT, TO GRANDPARENTS AND OTHERS, (2) WHETHER PEOPLE KEEP THE LETTERS AS REFERENCE OR READ THEM AND THROW THEM AWAY, (3) HOW WELL THEY REMEMBER PERTINANT FACTS BROUGHT OUT IN THE LETTERS, (4) IF THEY DISCONTINUED, WHY THEY DISCONTINUED, (5) WHETHER THIS INFORMATION WOULD BE MORE USEFUL IN SOME OTHER FORM.

# 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.

## 11. EXTENSION INFORMATION

RADIO PROGRAMS WERE BROADCAST DAILY AT 6:35 A.M. MONDAY THROUGH SATURDAY. THESE PROGRAMS ARE DEVOTED TO CROPS AND LIVESTOCK. PROGRAMS AT 9:30 A.M. ON MONDAY AND FRIDAY ARE DEVOTED TO HOMEOWNER PROBLEMS.

MR. WILLIAM WOODRUFF, A SENIOR AT THE UNIVERSITY OF ARIZONA, COMPLETED A SUMMER COURSE IN AGRICULTURAL COMMUNICATIONS. HE SPENT FIVE WEEKS IN THE COUNTY AND COMPLETED A PROJECT IN EACH PHASE OF THE PROGRAM.

NEWS ARTICLES, RADIO PROGRAMS, CIRCULAR LETTERS AND FOLDERS WERE PREPARED AND DISSEMINATED.

THIS WAS A VERY VALUABLE PROGRAM AND WAS BENEFICIAL TO OUR PROGRAM.

### COTTON GROWERS RECEIVE INFORMATION ON PINK BOLLWORM

HEAVY INFESTATION OF PINK BOLLWORMS WERE FOUND IN ALL AREAS OF PINAL COUNTY IN ALARMING NUMBERS. IN ORDER TO SUPPLY ALL THE INFORMATION AVAILABLE ON PINK BOLLWORM, BULLETINS AND NEWSLETTERS WERE MAILED TO GROWERS.

REFER TO APPENDIX FOR NEWSLETTERS.

### COUNTY AGENT ASSISTS PUBLICATION OF POPULAR HORTICULTURAL BULLETIN

PARTIAL FULFILMENT OF A UNIVERSITY OF ARIZONA ENGLISH COURSE WAS REALIZED BY THE PRESENTATION OF A MANUSCRIPT ENTITLED "BIBLICAL PLANTS FOR ARIZONA GARDENS". COUNTY AGENT LITTLE FURNISHED REFERENCES AND PROOF READING FOR THE MANUSCRIPT. AFTER THE PAPER WAS TURNED IN FOR CLASS CREDITS THE MANUSCRIPT WAS MIMEOGRAPHED BY THE PINAL COUNTY EXTENSION OFFICE. THE GARDEN EDITOR OF THE PHOENIX REPUBLIC MADE MENTION OF THE BULLETIN IN HER REGULAR SUNDAY GARDEN COLUMN. REQUESTS FOR THE PUBLICATION DELUGED THE OFFICE. AN EARLY ACCOUNTING SHOWED REQUESTS FROM 13 COUNTIES, AND AT REPORTING OCCASIONAL REQUESTS ARE STILL BEING FILLED.

### 4-H EXTENSION INFORMATION - RADIO AND NEWSPAPERS

THE EXTENSION 4-H STAFF MEMBERS HAD A 5-MINUTE RADIO PROGRAM SIX DAYS A WEEK UNTIL SEPTEMBER 1ST. SINCE THAT TIME THE AGRICULTURAL 4-H AGENT HAS HAD A 15 MINUTE PROGRAM ONCE A WEEK. THIS IS ON SATURDAY AT 12:45 P.M. ON STATION KPIN. INTERVIEWS, MEETING NOTICES, ANNOUNCEMENTS OF AWARDS, OBJECTIVES OF 4-H AND LOCAL 4-H NEWS MAKE UP THE MOST OF THE PROGRAM TOPICS.

MOST OF THE 4-H RELEASES WERE USED IN COUNTY WEEKLY NEWSPAPERS AND IN RADIO NEWSCASTS. UNDER THE SECTION "NATIONAL 4-H WEEK" A LIST OF SPECIAL "PROMOTION OF 4-H" PROJECTS ARE DESCRIBED.

### HOME ECONOMICS INFORMATION

IN RESPONSE TO THE GROWING NEED FOR CONSUMER EDUCATION FOR HOMEMAKERS THE CASA GRANDE DISPATCH - WITH AN ESTIMATED CIRCULATION OF 10,500 FOR ITS BUYERS GUIDE - RAN A SERIES OF ARTICLES AT IRREGULAR INTERVALS THROUGHOUT THE YEAR PREPARED BY THE EXTENSION HOME ECONOMIST AND DESIGNED TO HELP CONSUMERS MAKE THE BEST USE OF THEIR MONEY.



## 11. EXTENSION INFORMATION

### HOME ECONOMICS INFORMATION (CONTINUED)

THE ARTICLES WERE USUALLY TIMED TO COINCIDE WITH OTHER EXTENSION PROGRAMS. INFORMATION ON SELECTION, USE AND CARE OF NEW FABRICS APPEARED AT ABOUT THE TIME RESOURCE PERSONS WERE RECEIVING TRAINING THROUGHOUT THE COUNTY IN HOW TO SEW WITH THESE MATERIALS; INFORMATION ON INSULATED DRAPERIES FOLLOWED THE DRAPERIES WORKSHOPS; THAT ON RISING FOOD COSTS APPEARED ABOUT THE TIME THE CONSUMERS' COUNCIL WAS BEING ORGANIZED IN ARIZONA.

FOURTEEN ARTICLES IN THE AREAS OF TEXTILES AND CLOTHING, HOUSING, HEALTH, AND FOOD AND NUTRITION WERE PUBLISHED THIS YEAR (SAMPLES IN APPENDIX). THIS WILL BE CONTINUED.

# 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



2006 Farm & Home Visits



Press Articles Prepared & Published

155

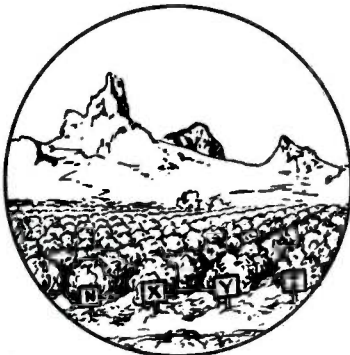


49,910 Telephone Calls



Office Calls 1,609

*Methods Used & people Reached with Agricultural & Home Economics Information*  
**1966**  
The University of Arizona Cooperative Extension Service



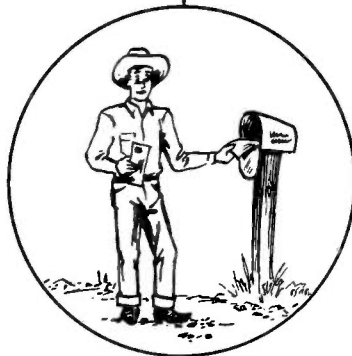
22 Result Demonstrations & Tests Established



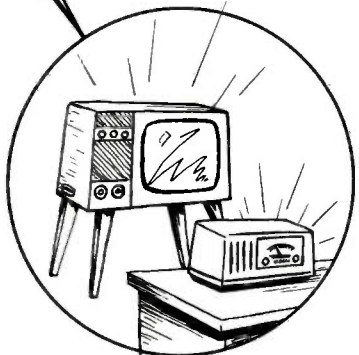
11,603 Bulletins Distributed



269 Meetings, Tours, Field Days Attendance  
7,554



308 Circular letters prepared



Television Broadcasts  
Radio Broadcasts

564

III. AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE USE

A. COTTON GROWERS

COST ANALYSIS PROJECT

COST ANALYSIS WAS CONDUCTED ON THREE FARMS IN 1965. RESULTS ARE RECORDED IN THE 1965 ANNUAL REPORT.

FARM MANAGEMENT DATA IS DIFFICULT TO SECURE AND HARDER TO GET APPLIED. A JOINT EFFORT BETWEEN PINAL AND MARICOPA COUNTIES AND THE ARIZONA COTTON GROWERS ASSOCIATION WAS WORKED OUT AND IMPLEMENTED. THE PROJECT WAS CALLED "ARIZONA COTTON EFFICIENCY CONTEST".

THE CONTEST WAS GOVERNED BY A FIVE STAR PROGRAM AS FOLLOWS:

FIVE STAR PROGRAM

- A. DAY BOOK
- B. LABOR ANALYSIS
  - 1. STANDARDS
    - A. DOLLARS PER AC. \$62.40 / CENTS PER LB. OF LINT 4.2¢
    - B. HOURS PER BALE 13.9 HRS.
- C. WATER ANALYSIS
  - 1. STANDARDS
    - A. DOLLARS PER ACRE \$40
    - B. AC. FT. USED PER BALE 1.4 AC. FT.
- D. MACHINERY HOURS ANALYSIS
  - 1. STANDARDS
    - A. DOLLARS PER POUND LINT \$.03
    - B. HOURS PER POUND LINT .004 HOURS
- E. YIELD
  - 1. LINT PER ACRE 1500 LBS.

THE DAY BOOK WAS DESIGNED TO GATHER A MAXIMUM AMOUNT OF INFORMATION WITH A MINIMUM OF EFFORT. A COPY IS IN THE APPENDIX.

THE STANDARDS USED AS SHOWN IN THE FIVE STAR PROGRAM WERE OBTAINED FROM OUR PAST FARM MANAGEMENT RECORDS.

THE PROGRAM WAS DIFFICULT TO SELL BUT WE STARTED WITH SIXTEEN COOPERATORS. THIS NUMBER DROPPED TO 7 BY MID-JULY. THE CONTEST WAS DROPPED AT THIS POINT BECAUSE OF A LACK OF GROWER INTEREST.

ANOTHER APPROACH WILL BE MADE NEXT YEAR.

COTTON GROWERS WATCH NEW VARIETIES

COOPERATIVE GROWERS AND THE VARIETIES WERE:

BILL STANBALL, MAMMOTH - STONEVILLE 213, DELTAPINE SMOOTHLEAF, HOPICALA.

E. C. GRASTY, MARICOPA - STONEVILLE 213, DELTAPINE SMOOTHLEAF.

C. B. SHIFLET, COOLIDGE - PIMA S-2, PIMA S-4.

### III. AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE USE

#### A. COTTON GROWERS (CONTINUED)

##### COTTON GROWERS WATCH NEW VARIETIES (CONTINUED)

ROBERT DAVIS, CASA GRANDE - MISSISSIPPI DELTAPINE, DELTAPINE 5184, DELTAPINE SMOOTHLEAF.

RON MILLER, MARICOPA - HOPICALA, STONEVILLE 213, DELTAPINE SMOOTHLEAF.

RESULTS OF 1966 VARIETY TESTS LOCATED ON ROBERT DAVIS FARMS, CASA GRANDE, ARIZONA.

<u>VARIETY</u>	<u>SEED COTTON</u>	<u>No. of Rows</u>
DELTAPINE 5184 DISYSTON GRANULARS	5700 LBS.	24
MISSISSIPPI DELTAPINE SMOOTHLEAF SEED TREATED WITH DISYSTON	5850 LBS.	24
MISSISSIPPI DELTAPINE SMOOTHLEAF NO SEED TREATMENT	5600 LBS.	24

THE DATA ABOVE IS THE RESULT OF THE 1ST PICK. WE WERE UNABLE TO GET RESULTS OF 2ND PICK. FROM THE AMOUNT OF GREEN BOLLS REMAINING ON THE VARIETY DPL 5184 AFTER FIRST PICK ONE COULD SUMMARIZE THAT DPL 5184 WOULD BE THE TOP YIELDER.

MANY GROWERS HAVE ASKED THE QUESTION CONCERNING PLANTING SEED THAT WAS GROWN IN MISSISSIPPI AND THAT WHICH WAS GROWN IN IMPERIAL CALIFORNIA. VERY LITTLE DIFFERENCE COULD BE FOUND. IT WAS OBSERVED THAT THE DPL 5184 WAS SOMEWHAT LATER IN MATURITY THAN THE MISSISSIPPI DPL.

##### COOLIDGE GROWER LOOKS AT "CAPAROL" HERBICIDE

A LARGE REPLICATED DEMONSTRATION PLOT WAS LOCATED ON THE RANCH OF CLAUDE JONES IN COOLIDGE. A NEW FORMULATION OF GEIGY CHEMICAL CO. "CAPAROL" WAS APPLIED. CAPAROL GRANULARS WERE APPLIED AT DIFFERENT RATES TO SEE IF IT COULD BE AS EFFECTIVE AS THE SPRAY FORMULATION.

THE FIELD WAS HEAVILY POPULATED WITH MORNING GLORIES, BROADLEAF WEEDS AND GRASSES. SOME CONTROL WAS OBTAINED.

IT WAS POINTED OUT HOWEVER THAT "CAPAROL" DID NOT LOWER YIELD OR DAMAGE COTTON. THE DATA OBTAINED SHOWS ALL PLOTS APPROXIMATELY THE SAME IN YIELD.

##### A QUICK LOOK AT HERBICIDES

IN ORDER TO DUPLICATE THE AFFECTS OF HERBICIDES ON COTTON ROOT DEVELOPMENT, TWO WINDOW BOX PLANTERS WERE BUILT AND DISPLAYED. THE BOXES WERE BUILT SO THAT ONE COULD VIEW THE ROOT DEVELOPMENT OF COTTON SEEDLING. TRIFLURALIN HERBICIDE WAS INCORPORATED IN THE TOP 3-6 INCHES OF SOIL IN ONE BOX AND NO MATERIAL WAS APPLIED IN THE 2ND BOX. GROWERS WERE ABLE TO SEE THE LATERAL ROOT PRUNING EFFECTS OF TRIFLURALIN.

111. AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE USE

A. COTTON GROWERS (CONTINUED)

COUNTY COTTON GROWERS SEE NEW SYSTEMIC INSECTICIDE IN ACTION

A NEW SYSTEMIC INSECTICIDE, NOT YET REGISTERED FOR COMMERCIAL USE, WAS APPLIED ON THE JIM HENNESS RANCH. ALSO OTHER SYSTEMICS WERE COMPARED AGAINST THE NEW SYSTEMIC OF UNION CARBIDES CALLED "TEMIK". DISYSTON GRANULARS, THIMET GRANULARS AND ALSO DISYSTON SEED TREATMENTS WERE COMPARED AGAINST "TEMIK". THIS NEW MATERIAL LOOKS VERY PROMISING FOR THE CONTROL OF MANY INSECTS ON COTTON --- THRIPS, GREEN AND BLACK FLEAHOPPERS, LYGUS BUGS, MITES WERE ALL CONTROLLED WITH THIS MATERIAL.

GROWERS HAD THE OPPORTUNITY TO OBSERVE THE DEMONSTRATION BLOCK AND SEE EACH SYSTEMIC IN ACTION AND JUDGE WHICH ONE WAS DOING THE JOB.

REFER TO APPENDIX FOR FURTHER INFORMATION.

ULTRA LOW VOLUME INSECTICIDE APPLICATION HERE TO STAY

MALATHION INSECTICIDE, NOW REGISTERED FOR LYGUS BUGS ON COTTON WAS WIDELY USED IN PINAL COUNTY IN 1966. MALATHION APPLIED AT 8 OZ. TO 16 OZ. OF UNDILUTED SPRAY HAS PERFORMED MIRACLES AS FAR AS LYGUS BUG CONTROL. MANY GROWERS HAVE PROCEEDED WITH CAUTION BECAUSE OF THE CHANCE OF POSSIBLE COTTON BOLLWORM BUILDUP. SOME GROWERS REPORT THAT 8 OZ. WILL DO A SUFFICIENT JOB OF CONTROLLING LYGUS. COST IS ONE OF THE FACTORS RESPONSIBLE FOR ITS ACCEPTANCE.

CONVENTIONAL SPRAY.....COST/ACRE:

MATERIAL.....	3.40
APPLICATION.....	1.50
TOTAL.....	4.90

ULTRA LOW VOLUME.....COST/ACRE:

8 OZ. MATERIAL..	1.00
APPLICATION.....	.90
TOTAL.....	1.90

COTTON GROWERS RECEIVE NEWSLETTER

PINAL COTTON GROWERS RECEIVED A NEWSLETTER CONCERNING EARLY INSECT DAMAGE AND ITS EFFECTS ON DELAYING FRUITING. ALSO OTHER NEWSLETTERS DURING THE COTTON GROWING SEASON WERE MAILED TO GROWERS.

REFER TO THE APPENDIX FOR "EARLY INSECT DAMAGE CAN DELAY FRUITING".

PINK BOLLWORMS STUDIED ON MCGEE RANCH

AN INFESTATION OF PINK BOLLWORMS WAS FOUND IN JULY ON THE ELVERN MCGEE FARM IN COOLIDGE. PINAL COUNTY AGENTS AND EXTENSION ENTOMOLOGIST DR. JAMES RONEY COOPERATED WITH MR. MCGEE IN STUDYING AND DETERMINING THE AMOUNT OF DAMAGE CAUSED BY THE PINK BOLLWORM. IT WAS APPARENT THAT LYGUS BUGS WERE DOING HEAVY DAMAGE TO THE COTTON FIELD. A CONTROL PROGRAM WAS UNDERTAKEN TO STOP LYGUS AND PINK BOLLWORM BUILDUP.

III. AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE

A. COTTON GROWERS (CONTINUED)

PINK BOLLWORMS STUDIED ON MCGEE RANCH (CONTINUED)

LYGUS BUG AND PINK BOLLWORM COUNTS WERE MADE WEEKLY FROM JULY THROUGHOUT SEPTEMBER BY AGENTS AND DR. RONEY.

THE CONTROL PROGRAM OF TOX-DDT DID STOP LYGUS INJURY, BUT FAILED TO CONTROL PINK BOLLWORM. MUCH INFORMATION WAS GAINED ABOUT THE HABITS OF THE PINK BOLLWORMS. MANY COOLIDGE GROWERS VISITED WEEKLY WITH AGENTS AND DR. RONEY TO STUDY THE PINK BOLLWORM.

JULY 5, 1966 - MCGEE FIELD - COOLIDGE, ARIZONA

UPPER END - AVERAGED 30 ROSETTED BLOOMS PER ACRE. FIELD BADLY INFESTED ON THIS UPPER END. FIELD TO BE SPRAYED WITH 4-2 FOR LYGUS - 40 TO 50% SQUARES STUNG BY LYGUS - GROUND SPRAYER.

JULY 13, 1966

UPPER END OF FIELD SHOWED 250 ROSETTED BLOOMS PER ACRE, WHILE REST OF FIELD SHOWED 30 ROSETTED BLOOMS PER ACRE. LYGUS STUNG SQUARES ABOUT 12 TO 14%.

JULY 19, 1966

WE COUNTED BLOOMS FULL LENGTH OF ROW AND PULLED ROSETTED BLOOMS. THIS SHOWED 4,000 OPEN WHITE BLOOMS PER ACRE. THIS CHECK OR EXAMINATION SHOWED 90 ROSETTED BLOOMS PER ACRE ON UPPER PART OF FIELD AND 25 IN THE REST OF THE FIELD. EXAMINATION OF GROWN BOLLS SHOWED 3% OF BOLLS WITH EXIT HOLES ON UPPER END OF FIELD AND LESS THAN 1/2 OF 1% IN THE REST OF THE FIELD. THE LYGUS COUNT WAS ONLY 9% WHICH SHOWED CONTROL OF LYGUS.

JULY 27, 1966

6,400 WHITE BLOOMS PER ACRE - 65 ROSETTED OVER ENTIRE FIELD. THIS SHOWED GOOD CONTROL OF LYGUS, SINCE BLOOM COUNTS WERE UP. EACH OF US PICKED 10 BOLLS EACH AT RANDOM IN THE UPPER END, MIDDLE AND LOWER END OF FIELD. AT THE UPPER OR EAST END 14 OUT OF 30 BOLLS SHOWED EXIT HOLES OF PINK BOLLWORM. THE MIDDLE OF THE FIELD SHOWED 3 OUT OF 30 WITH EXIT HOLES AND THE LOWER END SHOWED 2 OUT OF 30 WITH EXIT HOLES. THE PLANTS WERE LOADING UP NICELY AND LYGUS COUNTS WERE ONLY 5% OF SQUARES SHOWING INJURY. MANY OF THE BOLLS PULLED FOR EXAMINATION OF EXIT HOLES SHOWED HEAVY LYGUS INJURY TO SEEDS IN THE BOLLS. SOME BOLLS SET EARLY IN JULY OR LATE JUNE SHOWED EXIT HOLES. THE QUESTION ARISES, DO MOTHS DEPOSIT EGGS ON BOLLS AT THE SAME TIME THEY DEPOSIT THEM ON THE BLOOMS IN EARLY SEASON.

AUGUST 5, 1966

6,400 BLOOMS PER ACRE - 0 ROSETTED BLOOMS  
UPPER END

	P	L		P	L		P	L										
BOLLS -	10	-	<u>2</u>	-	<u>1</u>	MIDDLE -	-10	-	<u>4</u>	-	<u>1</u>	BOTTOM -	10	-	<u>1</u>	-	<u>3</u>	
	10	-	3	-	1			10	-	1	-	0		10	-	0	-	3
	10	-	4	-	2			10	-	1	-	3		10	-	0	-	3

LYGUS COUNTS SHOWED 7% OF SQUARES OR BLOOMS STUNG BY LYGUS.

III. AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE USE

A. COTTON GROWERS (CONTINUED)

PINK BOLLWORMS STUDIED ON MCGEE RANCH (CONTINUED)

AUGUST 12, 1966

BLOOMS - 6,400 PER ACRE FOR ALL OF FIELD  
ROSETTED BLOOMS - 30 PER ACRE

UPPER END

		<u>EXIT HOLES</u>	<u>LYGUS</u>	<u>TOP</u>
BOLLS -	10 -	2	2	75 OPEN BOLLS
	10 -	2	0	11 EXIT HOLES
	10 -	2	2	ONE LOCK
				8 LYGUS

MIDDLE

		<u>P</u>	<u>L</u>	<u>MIDDLE</u>
BOLLS -	10 -	0	4	75 OPEN BOLLS
	10 -	0	2	4 EXIT HOLES
	10 -	1	0	5 LYGUS

BOTTOM

		<u>P</u>	<u>L</u>	<u>BOTTOM</u>
BOLLS -	10 -	0	3	75 OPEN BOLLS
	10 -	0	2	NO PINKIES
	10 -	0	3	6 LYGUS

LYGUS COUNTS - AVERAGE OF 4% OF SQUARES STUNG BY LYGUS.

AUGUST 17, 1966

BLOOMS PER ACRE - 4,160  
PINK BOLLWORM ROSETTED - 80

UPPER END

		<u>P</u>	<u>L</u>
BOLLS -	10 -	0	3
	10 -	1	3
	10 -	2	3

MIDDLE

		<u>P</u>	<u>L</u>
BOLLS -	10 -	0	3
	10 -	0	4
	10 -	1	3

BOTTOM

		<u>P</u>	<u>L</u>
BOLLS -	10 -	0	3
	10 -	1	2
	10 -	0	3

LYGUS COUNTS SHOW ABOUT A 10% INFESTATION OF SQUARES.

AUGUST 26, 1966

BLOOMS PER ACRE - 1,700 - ROSETTED - 48 BLOOMS PER ACRE

UPPER END

	<u>E</u>	<u>WORMS</u>	<u>LYGUS</u>
15 BOLLS -	2	2	1
15 BOLLS -	3	1	2

MIDDLE

	<u>E</u>	<u>WORMS</u>	<u>LYGUS</u>
15 BOLLS -	4	2	0
15 BOLLS -	0	4	1

BOTTOM

	<u>E</u>	<u>WORMS</u>	<u>LYGUS</u>
15 BOLLS -	1	0	1
15 BOLLS -	2	1	0

MUCH COTTON OPEN - VERY LITTLE PINK BOLLWORM INJURY AT PRESENT; LYGUS COUNT-11% SQUARES INFESTED. COTTON HAS CUT OUT BUT IS TRYING TO COME BACK. SOME ROOT ROT SHOWING UP IN PLACES.



111. AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE USE

A. COTTON GROWERS (CONTINUED)

PINK BOLLWORMS STUDIED ON MCGEE RANCH (CONTINUED)

AUGUST 31, 1966

2,720 BLOOMS PER ACRE WERE COUNTED  
32 SHOWED ROSETTING

<u>UPPER END</u>			:	<u>MIDDLE</u>			:	<u>BOTTOM</u>				
	<u>E</u>	<u>WORMS</u>	<u>LYGUS</u>	:	<u>E</u>	<u>WORMS</u>	<u>LYGUS</u>	:	<u>E</u>	<u>WORMS</u>	<u>LYGUS</u>	
30 -	6	3	2	:	30 -	4	3	:	30 -	0	1	2

4% LYGUS INFESTATION

SEPTEMBER 1, 1966

2,504 BLOOMS PER ACRE  
ROSETTED BLOOM 32

<u>UPPER END</u>					
BOLLS -	10 -	<u>E</u>	<u>WORMS</u>	<u>LYGUS</u>	<u>PER 100</u>
		4	0	0	33 OF 100 - EXIT HOLES
	10 -	4	1	0	9 WORMS
	10 -	3	2	0	
<u>MIDDLE</u>					
BOLLS	10 -	<u>E</u>	<u>WORMS</u>	<u>LYGUS</u>	15 EXIT HOLES
		0	0	1	0 WORMS
	10 -	2	0	2	
	10 -	3	0	0	
<u>BOTTOM</u>					
BOLLS	10 -	<u>E</u>	<u>WORMS</u>	<u>LYGUS</u>	6 EXIT HOLES
		1	1	0	3 WORMS
	10 -	1	0	0	
	10 -	0	0	0	

### III. AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE USE

#### B. FIELD CROP GROWERS

##### SPRECKLES OFFICIAL DECLARES PINAL COUNTY SUGAR BEET SCHOOL TOPS

JAMES E. (BUD) GARDINER, AGRICULTURAL SUPERINTENDENT FOR THE ARIZONA DISTRICT SPRECKELS SUGAR COMPANY, GAVE HIGH PRAISE FOR THE CONTENTS OF THE THREE DAY BEET GROWERS SCHOOL IN CASA GRANDE. THE SCHOOL DREW GROWERS FROM A TWO COUNTY AREA TO STUDY PLANTING, IRRIGATION, MANAGEMENT AND MARKETING OF THE NEW CROP. GARDINER EXPLAINED THAT MANY QUESTIONS THAT HAD BEEN NAGGING PROSPECTIVE GROWERS WERE ANSWERED IN THE SESSION THUS COUNTERACTING THE RUMOR MILL'S OUTPUT. HE EXPRESSED HIS THANKS TO THE PINAL COUNTY EXTENSION SERVICE FOR SPONSORING THE SCHOOL.

##### COTTON HERBICIDE RESIDUES STUNT GRAIN SORGHUMS

NEARLY FORTY VARIETIES OF GRAIN SORGHUMS WERE SUBJECTED TO MONURON RESIDUES IN THE CASA GRANDE UNION HIGH SCHOOL VO-AG GARDEN. CONCENTRATIONS OF MONURON WERE APPLIED TO APPROXIMATE RESIDUES OVERWINTERING IN COTTON FIELDS. ALL TESTED VARIETIES SHOWED SOME STUNTING FROM THE CHEMICAL. ABOUT ONE THIRD OF THE VARIETIES WERE SERIOUSLY AFFECTED. COUNTY AGENT JIM LITTLE RATED THE EFFECTS - SLIGHT, MODERATE OR SERIOUS. AFTER THE PLANTS HAD GROWN FOR FOUR WEEKS THEY WERE REMOVED, THE SOIL TILLED WITH A ROTARY CULTIVATOR AND REPLANTED. THE SECOND PLANTING WAS OBSERVED TO HAVE SIMILAR SYMPTOMS TO THE FIRST PLANTING. LITTLE FEELS THAT SOME VARIETIES REQUIRE EXTRA CARE IN SOIL PREPARATION WHERE MONURON RESIDUES ARE HEAVY.

##### CONGLOMERATION OUT YIELDS ALL ENTRIES IN SORGHUM TEST

YIELDS OF GRAIN SORGHUMS ON TEST NEAR COOLIDGE WERE TOPPED BY A MIX OF 14 MID-SEASON VARIETIES. THE THRESHED WEIGHT OF THE PLOT'S GRAIN WAS 6,432 LBS. PER ACRE. THE AVERAGE OF THE OTHER PLOTS CAME TO 4,985 LBS. PER ACRE. 128 FORTY INCH BEDS PLANTED 2 ROWS PER BED WERE IN THE MIXED SEED PLOT. VARIETY PLOTS WERE FOUR 40 INCH BEDS PLANTED 2 ROWS PER BED. 200 LBS. OF NH<sub>3</sub> WERE APPLIED PRE PLANT, 5 ACRE FEET OF WATER WERE USED OVER 9 IRRIGATIONS. ATRAZINE WAS USED FOR WEED CONTROL AND LEFT ONLY THE TUMBLEWEEDS.

##### COOLIDGE HIGH VO-AG FARM SCENE OF ALFALFA TEST

TWO YEARS PRODUCTION SHOW YIELD ADVANTAGES IN ALFALFA VARIETIES. A TEN ACRE PLOT OF ALFALFA WAS SEEDED BY VO-AG STUDENTS IN OCTOBER 1964. WATER USE AND HAY YIELD RECORDS WERE KEPT BY STUDENTS. THE PLANTING WAS ESTABLISHED AS A COOPERATIVE VENTURE BETWEEN THE VO-AG DEPARTMENT AND THE PINAL COUNTY EXTENSION OFFICE.

INSTRUCTOR CY HENRY AND COUNTY AGENT JIM LITTLE TOTALED UP THE HAY YIELDS AT THE CLOSE OF THE 1966 CROP SEASON. THEY FOUND THAT JOAQUIN II LED THE YIELDS WITH A TWO YEAR AVERAGE OF 8.95 TONS PER ACRE. SONORA GREW 8.67 TONS, MESA CIRSA-8.54, MOAPA - 8.45, AND AFRICAN PRODUCED 8.07 TONS PER ACRE.

200 LBS. OF 16-20-0 WERE APPLIED PRE-PLANT. 57 ACRE FEET OF WATER WERE APPLIED TO THE 9.84 ACRES THE FIRST YEAR. WEEDS NEARLY SMOTHERED THE PLANTING THE FIRST WINTER.

THE INSTRUCTOR AND THE COUNTY AGENT BOTH HAD HIGH PRAISE FOR THE BOYS AND THE RECORDS THEY KEPT.

### III. AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE USE

#### B. FIELD CROP GROWERS

AN ALFALFA VARIETY TEST ESTABLISHED IN 1961 BY AGENTS BRUBAKER AND BRUECK WAS PLOWED UP IN NOVEMBER, 1966. THE GILBERT BROS. TEST HAD BEEN PUT UNDER ANNUAL OBSERVATION FOR STAND SURVIVAL THE PAST THREE YEARS. IT WAS INTERESTING TO NOTE THAT THE 10 LB. PER ACRE PLANTING RATES PERSISTED EQUALLY WITH THE 20-25 LB. PER ACRE. THE 5 LB. RATES WERE SCANT IN SURVIVAL. SURVIVAL RATES WERE CORELATED WITH YIELDS OBSERVED AND REPORTED IN 1962.

III. AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE USE

C. LIVESTOCK PRODUCERS AND FEEDERS

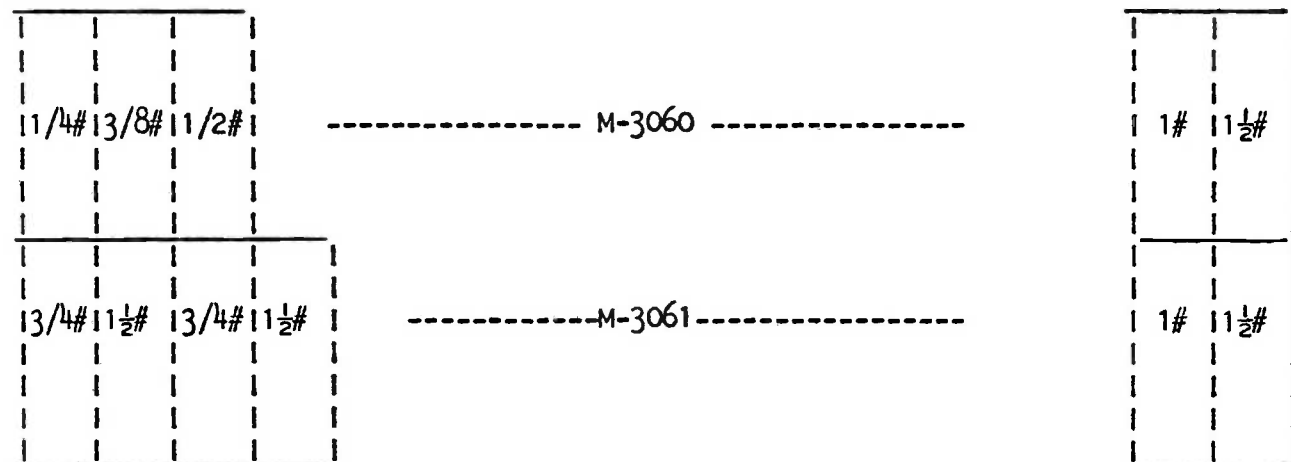
RANGE MANAGEMENT

THE MESQUITE AND RELATED SPECIES OF WOODY PLANTS ARE AMONG THE MOST TROUBLESOME INVADER PLANTS ON PINAL COUNTY RANGE LANDS IN AREAS THAT ARE SUITED FOR GOOD GRASS PRODUCTION. BY COMPETING FOR WATER THEY CAN GREATLY REDUCE FORAGE PRODUCTION. THEIR OTHER SINS INCLUDE, MAKING LIVESTOCK HANDLING AND MANAGEMENT MUCH MORE DIFFICULT, AND DO NOT GREATLY REDUCE EROSION.

INTEREST IN CONTROL OF THESE LESSER IMPORTANT BROWSE OR WOODY PLANTS HAS INCREASED EVERY SEASON. TWO RANCHES IN PINAL COUNTY DECIDED TO TRY CONTROLLING THESE PLANTS TO SEE IF THEY COULD REPEAT SOME OF THE SAME BENEFITS OTHERS ARE GETTING. DEMONSTRATION PLOTS WERE SET UP ON THESE RANCHES TO CHECK FORMULATIONS OF NEW MATERIALS TO SEE HOW THEY WOULD WORK. THE RANCHES COOPERATING ARE THE 3C RANCH, ORACLE AND THE MERCER RANCH, MAMMOTH. IN ALL, SOME 1400 ACRES WERE TREATED THIS SEASON OF WHICH 131 ACRES ARE IN THE DEMONSTRATION PLOTS.

THE PRINCIPAL PLANTS THAT WERE TO BE CONTROLLED WERE MESQUITE, CATCLAW, WAIT-A-MINUTE AND OAK.

THE MATERIALS WERE APPLIED BY AERIAL SPRAY. THE MATERIALS USED WERE TORDON 3060 AND TORDON 3061. THESE WERE FURNISHED BY DOW CHEMICAL COMPANY.



THIS IS A LAYOUT OF THE 3C RANCH PLOTS. 110 ACRES TOTAL IN 10 ACRE PLOTS INDICATING THE RATE OF TORDON APPLIED. ON THE MERCER RANCH A 15 ACRE PLOT USING THE TORDON M-3060 APPLIED AT 1/3# OF TORDON PER ACRE AND 6 ACRE PLOTS OF THE TORDON M-3061 APPLIED AT 3/4# OF TORDON PER ACRE.

RESULTS:

ALL PLOTS EXCEPT THE OAK WERE OBSERVED SEVERAL TIMES THROUGH THE SUMMER. THERE APPEARED TO BE A GOOD TOP KILL IN MOST CASES, HOWEVER, IT WILL BE NEXT SUMMER BEFORE ANY THOROUGH EVALUATION CAN BE DONE.

### III. AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE USE

#### C. LIVESTOCK PRODUCERS AND FEEDERS (CONTINUED)

##### LIVESTOCK FEEDING

A NEW TYPE OF SILAGE STORAGE WAS TRIED OUT THIS YEAR. THIS SYSTEM CAME TO USE FROM NEW ZEALAND. IT IS BEING USED QUITE EXTENSIVELY IN AUSTRALIA, NEW ZEALAND AND ENGLAND. GERING PLASTICS CO., A DIVISION OF MONSANTO, ARE PLANNING TO MARKET HERE IN THIS COUNTRY AND ARE PUTTING OUT DEMONSTRATION UNITS OF 50T CAP. THE SYSTEM USES 2 SHEETS OF PLASTIC HELD TOGETHER BY A SPECIAL SEAL AND VACUUM PUMP. THEY CLAIM A LOSS OF ABOUT 3% WHERE IN OUR BUNKER AND PIT SILO THE LOSSES MAY RUN AS HIGH AS 25%. SO THIS MAKES IT WORTH LOOKING INTO.

TO FIND OUT IF THE UNIT WOULD WORK HERE A 50 T. UNIT WAS PUT ON JOHN FEARN'S FARM AND FILLED IN TRUDAN SILAGE ON THE 24TH OF AUGUST. FORAGE SAMPLES WERE TAKEN, BUT THE INFORMATION IS NOT AVAILABLE YET. THERE HAS BEEN MUCH INTEREST IN THIS UNIT AS INDICATED BY THE NUMBER OF PEOPLE THAT HAVE BEEN LOOKING AT THE BAG. WHEN THE SILAGE WAS CHECKED IN NOVEMBER THERE WAS VERY LITTLE SPOILAGE NOTED BUT AN ESTIMATE OF THE SPOILAGE LOSS HAS NOT BEEN MADE YET.

##### ANIMAL HEALTH

A COOPERATIVE TRIAL TO CONTROL FLIES WAS STARTED IN THE CARL STEVENSON FEEDLOT AT REDROCK. DOW CHEMICAL COMPANY FURNISHED THE MATERIAL. AL LANE, EXTENSION SERVICE LIVESTOCK SPECIALIST, ASSISTED WITH THE WORK. A LIQUID MATERIAL WAS SPRAYED ON THE MANURE PILES AND A GRANULAR MATERIAL OF THE SAME FORMULATION WAS BROADCAST IN THE PENS. THE MATERIAL IS A LARVICIDE THAT WAS FOUND TO WORK REAL WELL FOR FLY CONTROL IN POULTRY HOUSES AND IT IS HOPED THIS WILL APPLY IN FEED LOT FLY CONTROL. THE GRANULAR MATERIAL IS UNDER THE TRADE NAME OF DOW FLY KILLER. PERIODIC CHECKS WILL BE MADE BY DOW TO SEE HOW EFFECTIVE THE TREATMENT IS.

#### D. DAIRYMEN

##### DAIRY COST ANALYSIS

FOUR OF THE COUNTY DAIRYMEN CONTINUED TO BE SERVED BY THE DAIRY COST ANALYSIS SERVICE. IT IS FELT THAT THEY ARE MAKING MORE USE OF THIS SERVICE THE LONGER THEY STAY ON IT. AT LEAST THIS LAST YEAR THESE PEOPLE ASKED MANY MORE QUESTIONS ABOUT WHAT HAD HAPPENED AND WHY THEIR COSTS WERE RUNNING AS THEY WERE.

##### DHIA RECORDS

THE FOLLOWING TABLES ARE SUMMARIES OF ANNUAL AVERAGE PRODUCTION.

86-ARIZONA  
02-PIMA-PINAL  
1111-HERD OWNER

PIMA-PINAL D.H.I.A. HERD AVERAGES

EXAMPLE: 86-02-111  
HERD NUMBER PRECEDED WITH A 9 IS A DHIR HERD

*ARIZONA STATE PRISON	0002	3	19	GH	146	135	84	12,997	3.4	443	10	7
AVRA VALLEY DAIRY	0043	15	5	R&GBS	146	228	85	10,626	3.9	421	63	28
AVRA VALLEY DAIRY	0044	15	5	GH	32	37	89	12,616	3.5	442	10	27
*ALVIN H. KEMPTON	9008	5	16	R&GH	88	114	85	13,971	3.7	527	13	11
*M. KIRKPATRICK	0009	5	10	GH	20	18	89	14,817	3.5	530	7	39
A. BRUCE KNAPP	0019	6	10	RH	20	136	82	11,624	3.0	353	22	16
*PAUL LUELLIG	0033	6	29	RH	21	46	86	13,042	3.4	455	8	17
W. T. MCCLELLAND	9012	18	11	R&GH	24	166	89	11,249	4.6	524	44	22
*O. W. RUGG	0034	12	38	R&GG	25	204	82	13,941	3.6	505	21	12
SHAMROCK HILL FARM	0015	22	10	R&GH	159	176	91	12,979	3.4	450	371	42
UNIVERSITY OF ARIZONA	9021	16	19	GH	1081	889	85	8,750	4.6	405	14	41
UNIVERSITY OF ARIZONA	9027	16	18	RG	30	34	86	13,206	3.4	460	24	19
*WAYNE WUERTZ	0038	8	10	RH	114	128	84	10,179	3.7	381	8	15
*GEORGE ZIEGLER	0022	6	26	GH	60	55	84	13,370	3.6	484	9	7
				R&GH	49	135						

ANNUAL AVERAGES OF D.H.I.A. ASSOCIATIONS ..... PIMA-PINAL D.H.I.A. INC.

1966	14	2,335	166.8	87.5	12,570	3.63	457
1965	15	1,962	130.8	84.8	12,630	3.66	463
1964	17	2,028	119.3	85.8	12,710	3.57	454
1963	18	1,985	110.3	85.1	12,410	3.56	442
1962	21	2,215	105.5	87.1	12,230	3.57	437
1961	20	2,011	103.2	86.3	12,360	3.60	439
1960	23	2,303	100.5	86.3	11,250	3.53	397
1959	24	2,300	95.8	86.5	10,770	3.60	338
1958	22	2,058	93.5	85.3	10,140	3.65	371
1957	19	1,729	91.0	86.7	10,590	3.67	339

# 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

### AN ATTACK ON SOCIAL PROBLEMS

THE SAME SOCIAL PROBLEMS WHICH FACE THE NATION ARE PREVALENT IN PINAL COUNTY AS EVIDENCED BY NEWS REPORTS AND EYE WITNESS ACCOUNTS OF VANDALISM, ALCOHOLISM, SEPARATION AND DESERTIONS IN FAMILIES, THEFTS AND OTHER MAJOR CRIMES COMMITTED IN THIS AREA.

ONE OF THE OBJECTIVES OF THE 1966 PROGRAM HAS BEEN TO DEVELOP AMONG PEOPLE AN UNDERSTANDING OF THE FACTORS WHICH CONTRIBUTE TO THESE PROBLEMS AND AN AWARENESS OF ONE'S SOCIAL RESPONSIBILITIES.

TOWARD THIS END, 91 PEOPLE - MEN AND WOMEN, INDIAN AND NON-INDIAN SAT DOWN WITH THE EXTENSION HOME ECONOMIST IN SMALL GROUPS RANGING FROM 5 TO 17 THROUGHOUT THE COUNTY AND DISCUSSED THE CHARACTERISTICS OF A 'HEALTHY' PERSONALITY AS OPPOSED TO AN 'UNHEALTHY' OR ANTI-SOCIAL ONE. THE DISCUSSIONS WERE CENTERED AROUND FIVE BASIC PREMISES:

1. THAT PERSONALITY IS THE SUM TOTAL OF ALL WE EXPERIENCE.
2. THAT PERSONALITY PATTERNS DEVELOP WHICH REFLECT THE AMOUNT OF FREEDOM OR THE BLOCKS WE EXPERIENCE IN OUR MENTAL, PHYSICAL, SOCIAL AND EMOTIONAL DEVELOPMENT.
3. THAT WE ARE MORE ABLE TO EXPERIENCE FULL 'SELF-REALIZATION' IF BLOCKS ARE REMOVED AND WE ARE LEFT FREE TO DO SO.
4. THAT AMONG THE CHARACTERISTICS OF A HEALTHY PERSONALITY ARE THESE - ONE THAT IS FREE OF FEARS, TENSIONS AND ANXIETIES; ONE THAT IS ABLE TO PROFIT FROM MISTAKES AS WELL AS SUCCESSES; ONE THAT IS ABLE TO FORM SATISFYING AND PERMANENT RELATIONSHIPS; ONE THAT GETS GREATER SATISFACTION FROM GIVING RATHER THAN RECEIVING; ONE THAT USES LEISURE TIME CREATIVELY; ONE THAT CONTRIBUTES TO HIS OR HER ENVIRONMENT.
5. AND THAT IF WE HOPE TO HAVE A HEALTHY HAPPIER, MORE EFFECTIVE NEXT GENERATION WE MUST COME CLOSER TO THIS IDEAL OURSELVES.

WE HOPE THAT AS A RESULT OF SOME OF THIS DISCUSSION SOME MENTAL HEALTH SERVICES WILL BE MADE AVAILABLE TO PEOPLE IN PINAL COUNTY. THERE IS NONE WITHIN THIS AREA NOW.

FOLLOWING THESE DISCUSSIONS WERE ADDITIONAL ONES ESTABLISHING GUIDELINES FOR DEVELOPING A SENSE OF RESPONSIBILITY IN YOUNG CHILDREN AND HELPING TO ESTABLISH CONDITIONS IN WHICH ADULTS WILL BE MORE WILLING TO ASSUME THEIR SOCIAL RESPONSIBILITIES.

THE LATTER IS THE SIXTH IN A SERIES OF PROGRAMS COVERING A THREE YEAR PERIOD DESIGNED TO HELP PEOPLE BETTER UNDERSTAND AND GUIDE HUMAN BEHAVIOR.

TWO MORE ARE PLANNED FOR THE SUCCEEDING YEARS. THESE WILL BE ON TEENAGE AND EARLY ADULTHOOD.

THE MONTHLY NEWSLETTER TO PARENTS OF PRE-SCHOOL CHILDREN MENTIONED EARLIER IN THIS REPORT HAS BEEN SENT TO A MAILING LIST OF 139 PERSONS INCLUDING PARENTS, GRAND PARENTS, BABY SITTERS AND WORKERS IN THE HEAD START AND DAY CARE CENTER PROGRAMS.



#### IV. FAMILY LIVING

##### NEW TECHNIQUES FOR TODAY'S FABRICS

THE DEVELOPMENT OF NEW FIBERS, CHANGES IN THE CHEMICAL AND PHYSICAL PROPERTIES OF NATURAL FIBERS, INNOVATIONS IN THE WAYS OF COMBINING FIBERS INTO FABRICS, AND THE NEW FINISHING PROCESSES HAVE DONE MUCH TO PROVIDE HOMEMAKERS AND THEIR FAMILIES WITH WEARING APPAREL AND HOUSEHOLD TEXTILES DESIGNED TO MEET PRESENT DAY NEEDS. THESE CHANGES HOWEVER, HAVE BROUGHT ABOUT PROBLEMS IN KNOWING HOW BEST TO WORK WITH UNFAMILIAR MATERIALS AND THUS MAKE THE BEST USE OF THEM.

THIRTY RESOURCE PERSONS - CLOTHING PROJECT LEADERS IN BOTH THE 4-H AND HOMEMAKERS' CLUBS WERE TRAINED IN THE SEWING SKILLS REQUIRED BY THESE NEW FABRICS AND PROVIDED WITH TEACHING SAMPLES FOR ASSISTING OTHERS IN THEIR CLUBS AND THEIR COMMUNITIES TO UNDERSTAND AND USE THEM.

THE FABRICS SELECTED FOR PARTICULAR EMPHASIS WERE: (1) THE DELAYED-CURE PERMANENT PRESS FABRICS, (2) WOVEN STRETCH FABRICS, (3) LACE AND LOOSELY WOVEN FABRICS REQUIRING A BACKING, AND (4) BONDED AND LAMINATED FABRICS.

THE SAMPLES SHOWED SEAMS AND SEAM FINISHES, BUTTONHOLES, ZIPPER CLOSURES, HEMS AND IN SOME INSTANCES LININGS.

IN ADDITION TO THIS TRAINING, A SERIES OF CONSUMER INFORMATION STORIES WERE PUBLISHED IN THE CASA GRANDE DISPATCH. THESE COVERED THE SELECTION AND CARE OF READY MADE CLOTHING EMPLOYING EACH OF THESE FABRICS AND BUYING AND USING THE YARD GOODS. A SAMPLE IS ENCLOSED IN THE APPENDIX.

THIS WHOLE PROGRAM WAS, TO SOME EXTENT, A FOLLOW-UP ON THE PROGRAM OFFERED THE PREVIOUS FALL AT THE COTTON RESEARCH CENTER ON NEW DEVELOPMENT IN COTTON.

RESOURCE PERSONS TRAINED IN OTHER PHASES OF CLOTHING CONSTRUCTION ARE CONTINUING TO GIVE INDIVIDUAL ASSISTANCE IN THEIR VARIOUS COMMUNITIES THOUGH WE HAVE NO EFFECTIVE WAY OF RECORDING THIS.

##### CREATIVE HOMEMAKING

AUTOMATION AND PREPACKAGING, POPULATION GROWTH AND THE MOBILITY OF OUR PRESENT DAY STYLE OF LIVING SEEMS TO HAVE ROBBED HOMEMAKING OF MUCH OF ITS PURPOSE AND MEANING FOR MANY WOMEN AND LEFT THEM WITH A GENERALIZED FELT NEED FOR PERSONAL IDENTIFICATION AND SELF-EXPRESSION.

A SPECIAL EFFORT WAS MADE IN SETTING UP THE HOME ECONOMICS PROGRAM FOR THIS YEAR TO PROVIDE OPPORTUNITIES AND GUIDELINES FOR CREATIVE ACTIVITIES WHICH WOULD ENABLE HOMEMAKERS TO EXPERIENCE THE SATISFACTIONS OF SELF EXPRESSION AND PERSONAL GROWTH.

MOST OF THESE ACTIVITIES WERE IN THE AREA OF INTERIOR DECORATION. (A HAT MAKING WORKSHOP WHICH WAS PLANNED DID NOT MATERIALIZE BECAUSE OF THE COSTS INVOLVED).

HOMEMAKERS WERE ENCOURAGED TO LET THEIR HOMES REFLECT THEIR STYLE OF LIVING AND THEIR OWN PERSONAL PREFERENCES RATHER THAN WHAT IS IN VOGUE.

## IV. FAMILY LIVING

### CREATIVE HOMEMAKING (CONTINUED)

JUDGING RINGS ON WINDOW TREATMENTS WERE SET UP FOR THE HOMEMAKERS' CLUBS TO HELP HOMEMAKERS LEARN THAT THE BEST TREATMENT FOR A SPECIFIC WINDOW IS THAT WHICH BEST FULFILLS THE FUNCTION IT IS TO SERVE. THIS VARIES FROM HOME TO HOME AND INCLUDES BOTH USEFUL AND DECORATIVE FUNCTIONS. A TYPICAL PICTURE WINDOW IN A CASA GRANDE VALLEY HOME AND A BEDROOM WINDOW IN A MINING COMMUNITY NIGHT-SHIFT WORKER'S HOME WERE USED AS EXAMPLES FOR THE JUDGING RINGS.

TWENTY EIGHT WOMEN MADE SAMPLE CAFE CURTAINS, 19 MADE UNLINED DRAPERIES AND 44 LINED DRAPERY SAMPLES IN ELEVEN WORKSHOP SESSIONS HELD DURING THE LATE SPRING AND SUMMER MONTHS. THOUGH MOST OF THE PARTICIPANTS IN THE WORKSHOPS WERE NOT PLANNING TO MAKE EITHER CURTAINS OR DRAPERIES RIGHT AWAY THE SMALL SIZE SAMPLES ARE TO BE HELD IN READINESS FOR USE AS CONSTRUCTION GUIDES WHENEVER THE NEED ARISES LATER ON. MANY OF THE WOMEN ATTENDING THE WORKSHOPS HAD NOT INTENDED TO MAKE CURTAINS OR DRAPERIES AT ALL BUT WERE CONVINCED THEY WOULD LIKE TO TRY AFTER HAVING ONCE MADE THE SAMPLES.

TWO COOLIDGE RESIDENTS MADE THREE SETS OF FLOOR LENGTH DRAPERIES BETWEEN THEM WITHIN A FEW DAYS AFTER THE WORKSHOP WAS HELD IN THAT COMMUNITY.

THE MATTER OF SELECTING AND USING HOUSEHOLD ACCESSORIES WAS ALSO TAKEN UP AS A PROJECT IN THE HOMEMAKERS' CLUBS.

EACH OF THE 86 PERSONS RECEIVING THIS LESSON WAS ASKED TO PUT ONE IDEA RECEIVED FROM THIS LESSON TO USE IN HER OWN HOME. THIRTY NINE PROPOSALS FOR CHANGES HAVE BEEN SUBMITTED RANGING ALL THE WAY FROM LOWERING A WALL CLOCK TO EYE LEVEL TO REMOVING ALL OF THE ACCESSORIES FROM A ROOM AND REDECORATING ACCORDING TO GUIDELINES PROPOSED IN THE REFERENCE MATERIAL PREPARED BY THE STATE HOME MANAGEMENT-HOME FURNISHINGS SPECIALIST. THIS LAST WAS THE BASIS ON WHICH THE LESSON WAS TAUGHT.

FOR THOSE PERSONS WHO ARE INTERESTED IN MAKING SOME OF THEIR OWN HOUSEHOLD ACCESSORIES "CREATIVE DESIGN" WORKSHOPS HAVE BEEN SET UP FOR THE FALL AND WINTER MONTHS. COMMUNITIES IN WHICH THEY HAVE BEEN SCHEDULED SO FAR, ARE MAMMOTH (FOR THE MAMMOTH, SAN MANUEL AND ORACLE AREAS) IN NOVEMBER; COOLIDGE AND KEARNY IN DECEMBER 1966; CASA GRANDE AND FLORENCE IN JANUARY 1967. OTHERS MAY BE ARRANGED UPON REQUEST.

THE WORKSHOP SIMILAR TO ONE HELD AT THE TOWN & COUNTRY LIFE CONFERENCE IN JUNE OFFERS AN OPPORTUNITY TO EXPERIMENT WITH GEOMETRIC DESIGNS, PAPER CUTTING, DOODLING, FINGER PAINTING, COMBINING TEXTURES AND COLOR, USING THE MUNSELL COLOR KITS.

APPROXIMATELY 76 PERSONS ARE EXPECTED TO HAVE PARTICIPATED IN SOME PHASE OF THIS WORKSHOP (A ONE-DAY EXPERIMENTAL ONE WAS HELD IN CASA GRANDE IN MAY) BY THE END OF THIS REPORT PERIOD.

### FOR BETTER NUTRITION

THERE SEEMS TO BE A GENERAL LACK OF UNDERSTANDING OF BASIC NUTRITION AND ITS IMPORTANCE TO A FEELING OF WELL BEING.

#### IV. FAMILY LIVING

##### FOR BETTER NUTRITION (CONTINUED)

TWO MEETINGS WITH TOPS CLUBS IN WHICH THE 'RIBBON CHART', DEvised BY THE STATE EXTENSION NUTRITIONIST, WAS USED HAS HELPED TO BRING THAT OUT. WOMEN ON REDUCING DIETS DO NOT BASE THEIR MEALS AROUND THE FOUR FOOD GROUPS. THOSE MOST FREQUENTLY OVERLOOKED ARE BREADS AND CEREALS AND MILK.

MUCH NUTRITION INFORMATION HAS BEEN FUNNELED OUT THROUGH THE VARIOUS ECONOMICS OPPORTUNITY ACT PROGRAMS THIS YEAR - TO BASIC EDUCATION PROGRAMS TAUGHT BY HOME ECONOMICS TEACHERS IN FLORENCE AND COOLIDGE; TO THE COOKS IN HEAD START PROGRAMS TAUGHT BY A HOME ECONOMIST AND A PUBLIC HEALTH NURSE IN SACATON AND CASA BLANCA RESPECTIVELY AND TO THE SUPERVISORS OF DAY CARE CENTERS IN ELOY AND STANFIELD. THE EXTENSION OFFICE HAS PROVIDED REFERENCES AND TEACHING AIDS (CHARTS, FILM STRIPS, ETC.) TO THE INSTRUCTORS IN ALL OF THESE PROGRAMS - TWO OF THE INSTRUCTORS ARE 4-H CLUB LEADERS.

IT WAS HOPED THAT THE 'NUTRITION FOR YOUNG HOMEMAKERS' SERIES COULD BE OFFERED TO THE 'GRASSROOTS' PERSONNEL OF THE COUNTY COMMUNITY ACTION COMMITTEE BUT THE 'GRASSROOTS' PROGRAM HAS NEVER BEEN FUNDED (NOR HAVE ANY OF THE OTHER FIVE COUNTY COMMITTEE PROPOSALS) SO THAT OPPORTUNITY NEVER MATERIALIZED.

##### ESTABLISHING STANDARDS

SEVENTEEN PERSONS (4-H AND HOMEMAKERS' CLUBS FOODS PROJECT LEADERS) WERE TRAINED THIS FALL IN EVALUATING THE QUALITY OF BAKED GOODS AND FOR THE FIRST TIME IN THE HISTORY OF THE COUNTY FAIR MOST OF THE JUDGES IN THE FOODS DEPARTMENT WERE NON-PROFESSIONALS. NON-PROFESSIONAL PROJECT LEADERS HAVE BEEN SERVING AS JUDGES IN THE CLOTHING SECTION FOR THE PAST 2 OR 3 YEARS.

THESE LOCAL PEOPLE, TRAINED BY THE EXTENSION SERVICE, HAVE ALL MADE EXCELLENT JUDGES.

# 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

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

A. 4-H CLUBS AND THEIR PROGRAMS

1. ORGANIZATION

"120 VOLUNTEER LEADERS GUIDE 650 BOYS AND GIRLS IN THE FOUR-FOLD YOUTH DEVELOPMENT AND LEARNING OF CERTAIN SKILLS THROUGH 4-H CLUB WORK"

84 TWENTY COMMUNITY 4-H CLUBS FUNCTIONED IN PINAL COUNTY INVOLVING PROJECT GROUPS. THE CLUB IN ORACLE THAT WAS ORGANIZED LAST YEAR FOLDED. THIS YEAR WE HELPED REORGANIZE THAT CLUB AND IT IS STILL ACTIVE. THE KEARNY CLUB WAS VERY WEAK LAST YEAR. THIS FALL SEVERAL VISITS WERE MADE TO THAT COMMUNITY TO ENCOURAGE SUPPORT OF THE 4-H PROGRAM. A NEW COMMUNITY LEADER AND SEVERAL NEW PROJECT LEADERS ARE WORKING NOW AND THE CLUB SEEMS TO BE SPRINGING BACK TO LIFE. THE SAME IS TRUE OF THE APACHE JUNCTION CLUB. NEW LEADERSHIP, INCREASED MEMBERSHIP, AND A MORE ACTIVE CLUB ALL ARE NOW APPARENT IN APACHE JUNCTION.

THE OPPOSITE IS TRUE OF THE KENILWORTH CLUB. FOR YEARS IT HAS BEEN A STRONG AND ACTIVE CLUB. THE PAST TWO YEARS IT GRADUALLY WEAKENED AND IS NOW INACTIVE. THE STRONGEST LEADERS IN THIS COMMUNITY HAVE DROPPED OUT OF 4-H AS THEIR CHILDREN ARE GROWN. IT WILL TAKE SOME REAL EFFORT IN CREATING AWARENESS AND THE LEADERSHIP NEEDED TO REVIVE 4-H IN THIS COMMUNITY.

BOARD OF DIRECTORS DEDICATED TO 4-H

THE 4-H BOARD OF DIRECTORS IS THE OFFICIAL GROUP IN CHARGE OF THE BUSINESS AFFAIRS OF THE PINAL COUNTY 4-H CLUBS, INCORPORATED. NINE ADULTS AND TWO JUNIOR LEADERS (1 BOY AND 1 GIRL) CONSTITUTE THIS BOARD. THEY ARE IN CHARGE OF THE COUNTY 4-H FUNDS, THE 4-H FACILITIES AT THE FAIRGROUNDS, AND THE OPERATION OF THE 4-H FAIR. THEY ADVISE REGARDING THE EDUCATIONAL PROGRAM CONDUCTED THROUGH 4-H CLUB WORK.

DURING THE PAST YEAR, CONSIDERABLE TIME WAS DEVOTED TO THE PLANNING AND STARTING OF THE DEVELOPMENT OF A NEW 4-H CAMP SITE FOR PINAL COUNTY. MORE INFORMATION ON THIS IS COVERED UNDER 4-H CAMPING.

LIVESTOCK COMMITTEE PLANS SUCCESSFUL SHOW AND SALE

THE LIVESTOCK COMMITTEE MADE UP OF LEADERS AND OTHERS INTERESTED IN THE LIVESTOCK PROGRAM, SET UP THE RULES FOR SCREENING, SELECTED JUDGES, CONTACTED PROSPECTIVE BUYERS, AND COMPLETELY ORGANIZED AND RAN THE LIVESTOCK SALE AT THE 4-H FAIR.

THEIR GOAL WAS TO GET SUPPORT NEEDED TO AVOID LOSS IN ALL CASES. THE COMMITTEE HAD BIDS THAT WERE NOT EARMARKED AND USED THESE TO HELP EVEN OUT THE SALE. THEY TRIED TO AVOID THE PROBLEM THAT OFTEN DEVELOPED SEVERAL YEARS AGO, WHERE PRICE DEPENDED MORE ON WHO THE 4-H'ER WAS THAN THE PLACING IN THE SHOW.

38 I FELT THE RESULTS SHOW THAT THE COMMITTEE WAS SUCCESSFUL. WE HAD FAT STEERS IN THE SALE AND ONLY 17 LAST YEAR. THE TOP PRICE WAS 75¢ PER POUND AND THE LOW WAS 40¢ PER POUND. THE PRICES IN BETWEEN RELATED FAIRLY CLOSELY TO THE ORDER OF PLACING.

JIM BENEDICT, SAM BENEDICT, PAUL ADAMS OF WESTERN COTTON, GEORGE STEELE OF VALLEY BANK, AND BOB SHULER OF BOSWELL GIN COMPANY, ALL WORKED HARD AS MEMBERS OF THE COMMITTEE AND WERE THE KEY PEOPLE INFLUENCING THE SALE.

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

A. 4-H CLUBS AND THEIR PROGRAMS (CONTINUED)

4-H AWARDS COMMITTEE

THE COMMITTEE THIS YEAR WAS MADE UP OF ONE REPRESENTATIVE FROM EACH COMMUNITY CLUB. WHEN JUDGING RECORD BOOKS FOR SELECTING COUNTY WINNERS, SEVERAL MEMBERS DID NOT ATTEND. THIS MADE US SHORT HANDED AND SOME JUDGING WAS DONE HURRIEDLY. WE REGRET THIS. ALSO ONE OR TWO JUDGES WERE OBVIOUSLY SWAYED BECAUSE OF KNOWING THE YOUNGSTERS. THIS THEN WAS NOT THE OBJECTIVE APPROACH THAT WE PREFER.

2. LEADERSHIP

LEADERSHIP ON THE LOCAL LEVEL CONTINUES TO BE ONE OF THE MAJOR PROBLEMS IN 4-H CLUB WORK. RECRUITMENT REQUIRES TOO MANY HOURS OF AN AGENT'S TIME, BUT SEEMS NECESSARY UNTIL A COMMUNITY HAS DEVELOPED LEADERSHIP SUFFICIENT TO PERPETUATE ITS OWN RECRUITMENT WHEN NEEDED. THIS HAS HAPPENED IN SEVERAL COMMUNITIES, BUT ABOUT  $\frac{1}{2}$  NEED HELP.

ANOTHER WEAKNESS COMES ABOUT AS A RESULT OF LEADERS QUITTING OR NOT REALLY BEING ACTIVE LEADERS. STRONG ORGANIZATIONAL LEADERSHIP IN EACH COMMUNITY WOULD HELP OVERCOME THIS PROBLEM. LEADERS WHO DO NOT ATTEND TRAINING MEETINGS USUALLY ARE LESS ENTHUSIASTIC.

SUBJECTS UNDER THE "LEADERSHIP IN DEPTH" TRAINING PROGRAM WERE SELECTED FOR LEADER TRAINING MEETINGS IN OCTOBER AND NOVEMBER. THEY WERE "THIS IS 4-H" AND "DEMONSTRATION AND TEACHING TECHNIQUES".

THE AGRICULTURAL 4-H AGENT ASSUMED THE RESPONSIBILITY FOR THE FIRST SUBJECT. FOUR DUPLICATE MEETINGS ON AN AREA BASIS WERE HELD DURING OCTOBER. A TOTAL OF 29 LEADERS ATTENDED THE 4 SESSIONS.

THE PURPOSE OF THIS SESSION WAS TO HELP LEADERS UNDERSTAND BETTER THE 4-H ORGANIZATION AND ITS ROLE IN THE OVER-ALL EXTENSION PROGRAM. THE 4-H OBJECTIVES WERE PRESENTED AND DISCUSSED. LEADERS EXPLORED PROGRAM IDEAS THAT WOULD MOST EFFECTIVELY CARRY OUT THE OBJECTIVES.

IN EVALUATING THE SESSION, THE LEADERS FELT IT WAS VERY WORTHWHILE TO THEM. THE MAIN PROBLEM STILL IS THAT WE ARE NOT REACHING ENOUGH LEADERS. IT SEEMS THAT HOLDING MEETINGS BY AREAS HELPED. AT THE APACHE JUNCTION MEETING, ALL THE LEADERS OF THAT CLUB ATTENDED. BUT NO ONE FROM SUPERIOR, THE OTHER CLUB IN THE AREA, ATTENDED. IF TIME PERMITTED, THE BEST SOLUTION SEEMS TO BE A MEETING IN EACH COMMUNITY.

THE ASSISTANT HOME ECONOMIST ASSUMED RESPONSIBILITY FOR THE LEADER-TRAINING SESSIONS CONDUCTED IN NOVEMBER. LEADERS WERE GIVEN AN OPPORTUNITY TO SUGGEST THE KIND OF TRAINING NEEDED. THEY WERE INVITED TO RETURN A CARD STATING ANY CONCERNS AND ASKING ANY QUESTIONS. MANY DID, AND, ON THE BASIS OF THESE, THE MEETINGS COVERED SEVERAL SUBJECTS, DRAWING FROM VARIOUS PARTS OF THE LEADERSHIP IN DEPTH SERIES AND FROM OTHER SOURCES.

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

A. 4-H CLUBS AND THEIR PROGRAMS

2. LEADERSHIP (CONTINUED)

SIX MEETINGS WERE CONDUCTED IN APACHE JUNCTION, COOLIDGE (INCLUDED FLORENCE), CASA GRANDE (INCLUDED RANDOLPH, STANFIELD, COOLIDGE), MAMMOTH (INCLUDED ORACLE), SACATON, AND SUPERIOR, ATTENDED BY 50 4-H LEADERS. KEARNY AND RANDOLPH LEADERS HAVE ASKED TO HAVE THE MEETING REPEATED IN THEIR COMMUNITIES, AND THIS WILL BE DONE LATER. COMMENTS IN EVALUATION WERE EXTREMELY COMPLIMENTARY, FOR LEADERS FELT THAT THEIR NEEDS, INTERESTS, AND PROBLEMS HAD BEEN INCLUDED IN THE LIVELY DISCUSSIONS. THE ASSISTANT HOME ECONOMIST FEELS THIS TRAINING HAS BEEN ONE OF THE MOST WORTHWHILE OF ANY SHE HAS DONE. SHE HOPES THAT SUBJECT-MATTER TRAINING SESSIONS WILL NOT HAVE TO INCLUDE AS MUCH OTHER, GENERAL INFORMATION AS A RESULT OF THIS TRAINING.

EVERY MEETING VARIED, TO SOME EXTENT, WITH SPECIFIC CONCERNS OF LEADERS ATTENDING, BUT THE FOLLOWING INFORMATION WAS INCLUDED IN ALL SESSIONS:

1. 4-H LEADER - IMPORTANCE IN PROGRAM; RESPONSIBILITIES; ASSISTANCE AVAILABLE THROUGH LEADER-TRAINING, COUNTY STAFF, UNIVERSITY OF ARIZONA.
2. VARIATION IN ROLE - IN RELATION TO THE 4-H PROJECT; LEADER AND MEMBER MATERIALS; RESOURCES; DISCUSSION OF WHY THERE IS VARIATION; HOW TO GET ADDITIONAL INFORMATION NEEDED.
3. TEACHING TECHNIQUES - USE OF JUDGING; DEMONSTRATIONS; TOURS; SHOPPING TRIPS; RESOURCE PEOPLE; COUNTY 4-H EVENTS - HOW TO SELECT AND INCORPORATE THEM TO BEST ADVANTAGE; SHOWING AND TELLING "WRONG" WAYS FOR MORE EFFECTIVE TEACHING.
4. PROGRAM - PLANNING (IN RELATION TO WHAT HAD BEEN COVERED) - HOW TO PLAN FOR LEADER-TRAINING, JUDGING, DEMONSTRATIONS, TOURS, RECORDKEEPING, COUNTY ACTIVITIES, ETC.; ENLISTING PARENT-SUPPORT.

IN EVALUATION OF EACH SESSION, THERE WAS MUCH ENTHUSIASTIC RESPONSE TO THE FOLLOWING:

1. 4-H LEADER IS HIS OWN BEST RESOURCE, EXPLAINED WHY SHOULD LEARN AND TEACH RECOMMENDED PROCEDURES, ETC. BUT CAN BRING IN OWN IDEAS AND EXPERIENCE, TOO, ENCOURAGED TO BE CREATIVE.
2. DEMONSTRATIONS AND JUDGING AS EXCELLENT TEACHING DEVICES IN MOST MEETINGS - NOT ONCE A YEAR FOR COUNTY EVENT, HOW LEADER CAN PLACE EMPHASIS THROUGH USE OF THESE; HOW TO INCORPORATE THE COUNTY EVENTS - PREPARATION; EVALUATION; GETTING "MILEAGE" OUT OF DEMONSTRATIONS; ETC.
3. MORE EFFECTIVE TEACHING THROUGH INCLUDING AND SHOWING RESULTS OF DOING THINGS THE "WRONG" WAY, WHEN POSSIBLE.
4. WHEN POSSIBLE, SUPPLEMENTARY EVENTS, ACTIVITIES, AND RECORDKEEPING, ETC. SHOULD BE SCHEDULED IN AS MORE MEETINGS, RETAINING THE USUAL DATE, TIME, AND PLACE, SINCE THIS HAS ALREADY BEEN SET ASIDE BY MEMBERS AND THEIR FAMILIES.
5. PARENTS MIGHT BE INVITED IN, ON REGULAR PROJECT WORK OR "FUN" EVENTS, BEFORE TOLD THEY ARE NEEDED TO HELP; INTEREST EXPRESSED IN THEM BEFORE THEY ARE ASKED TO WORK, ETC.

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

A. 4-H CLUBS AND THEIR PROGRAMS

2. LEADERSHIP (CONTINUED)

6. FLEXIBILITY IN 4-H PROGRAM - NUMBER OF MEETINGS, HOW OFTEN, HOW LONG, ETC. - ADVANTAGE FOR LEADERS.

MOST SUBJECT MATTER TRAINING IN PROJECT AREAS WHERE MEN LEADERS ARE INVOLVED IS DONE THROUGH HOME VISITS. WHEN MEETINGS HAVE BEEN SCHEDULED FOR THESE LEADERS, THEY DO NOT ATTEND. WE ARE STILL LOOKING FOR THE ANSWER HERE, AS INDIVIDUAL CONTACTS FOR TRAINING IS VERY TIME CONSUMING.

LEADER RECOGNITION WAS GIVEN THE MAIN EMPHASIS DURING NATIONAL 4-H WEEK. SEE FULL DETAILS IN THAT SECTION.

LOCAL 4-H LEADERS JUDGE COUNTY 4-H HOME ECONOMICS EVENTS

4-H FAIR; COUNTY FAIR:

4-H LEADERS AND OTHERS WHO HAVE RECEIVED TRAINING IN JUDGING STANDARDS SERVED AS THE OFFICIAL JUDGES AT OUR 4-H FAIR AND COUNTY FAIR. OF THE 24 JUDGES, ALL BUT 5 WERE 4-H LEADERS. FOUR LEADERS WERE ASKED TO COME FROM NEIGHBORING COUNTIES, TO ASSIST. PEOPLE EXPRESSED CONFIDENCE IN THE DECISIONS AND SEEMED TO FEEL GOOD ABOUT THE JUDGING IN GENERAL.

DRESS REVUE; FAVORITE FOOD SHOW:

THE COUNTY DRESS REVUE JUDGING COMMITTEE INCLUDED A TRAINED 4-H LEADER AND ANOTHER JUDGED THE FAVORITE FOOD SHOW.

LOCAL 4-H LEADERS AND SENIOR 4-H'ERS JUDGE AT HOME ECONOMICS JUDGING DAYS

TRAINING SESSIONS WERE CONDUCTED LAST YEAR FOR LEADERS WHO WISHED TO ASSIST WITH JUDGING EVENTS. THEY LEARNED ABOUT SETTING UP "RINGS"; ASSIGNING "CUTS" AND WORKING OUT NUMERICAL SCORES. ALSO SPECIAL INSTRUCTION WAS GIVEN REGARDING WRITTEN AND ORAL REASONS. SIX TRAINED LEADERS ASSISTED. PLACING SCORES WERE TABULATED BY TWO OTHERS.

SENIOR 4-H MEMBERS WERE TRAINED THROUGH CORRESPONDENCE AND CONFERENCES WITH THE ASSISTANT HOME ECONOMIST. THEY WERE IN CHARGE OF "NON-COMPETITIVE" JUDGING FOR FIRST YEAR MEMBERS. (SEE SECTION ON THIS EVENT).

LOCAL 4-H LEADERS SERVED AS JUDGES AT COUNTY DEMONSTRATION EVENT

LEADER TRAINING WAS CONDUCTED LAST YEAR, ON JUDGING STANDARDS FOR 4-H DEMONSTRATIONS AND ILLUSTRATED TALKS. SINCE THERE WAS GOOD RESPONSE AND MANY LEADERS WERE TRAINED, THESE LEADERS WERE CALLED UPON AGAIN TO ASSIST. ELEVEN TRAINED PEOPLE SERVED AS JUDGES. A BRIEF TRAINING SESSION FOR THESE AND OTHER JUDGES WAS CONDUCTED BY THE ASSISTANT EXTENSION HOME ECONOMIST. SHE HAD ASSEMBLED JUDGES FOLDERS CONTAINING THE OFFICIAL SCHEDULES FOR ALL DIVISIONS; A LIST OF OFFICIAL RULES AND REGULATIONS; AND SCORECARDS FILLED IN WITH THE NAME OF EACH 4-H'ER, AND THE DEMONSTRATION OR TALK TITLES. THE HOME ECONOMICS ADVISORY COMMITTEE RECOMMENDED THIS AFTER LAST YEAR'S EVENT, FEELING IT WOULD BE HELPFUL TO JUDGES.



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

A. 4-H CLUBS AND THEIR PROGRAMS

2. LEADERSHIP (CONTINUED)

HOME ECONOMICS ADVISORY COMMITTEE PLAN 4-H HOME ECONOMICS PROGRAMS

THIS COMMITTEE MET BETWEEN COUNTY 4-H EVENTS INVOLVING HOME ECONOMICS PHASES OF THE PROGRAM, TO EVALUATE ACTIVITIES THAT THEY HAD ASSISTED IN PLANNING AND TO PLAN COMING EVENTS.

SUGGESTIONS WERE RETAINED FOR FUTURE USE; THESE CAN BE HELPFUL IN PLANNING FOR THE NEXT YEAR. COMMITTEE MEMBERS TRIED TO REPRESENT THE VIEWS OF 4-H LEADERS AND MEMBERS WITH WHOM THEY WORK. AS BEFORE, THE GROUP GAINED MUCH SATISFACTION IN SEEING THEIR IDEAS USED, AND THEN HAVING THE OPPORTUNITY TO EVALUATE THE RESULTS. THEY ALSO MADE RECOMMENDATIONS ON THE TOTAL 4-H PROGRAM THROUGHOUT THE YEAR.

3. PROJECTS

1966 ENROLLMENT IN 4-H BY PROJECTS

CLOTHING.....	327
CLOTHING.....	245
KNITTING.....	82
FOODS AND NUTRITION.....	261
FOOD PREPARATION....	214
FOOD PRESERVATION...	3
OUTDOOR COOKERY.....	44
CHILD CARE.....	9
HOME MANAGEMENT.....	18
LIVESTOCK AND POULTRY.....	240
BEEF.....	44
SHEEP.....	15
SWINE.....	30
HORSE.....	73
RABBITS.....	17
POULTRY.....	8
DAIRY.....	12
DOGS.....	41
ENGINEERING.....	63
AUTOMOTIVE.....	8
ELECTRIC.....	31
TRACTOR.....	24

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

A. 4-H CLUBS AND THEIR PROGRAMS

3. PROJECTS (CONTINUED)

PLANT SCIENCE.....	23
GARDEN.....	19
HOME BEAUTIFICATION.....	4
ENTOMOLOGY.....	14
BEES.....	2
ENTOMOLOGY.....	12
JUNIOR LEADERSHIP.....	53
ARTS AND CRAFTS.....	116
WOODWORKING.....	15
LEATHERCRAFT.....	20
PHOTOGRAPHY.....	9
OTHER CRAFTS.....	72
MISCELLANEOUS.....	12
SPEECH.....	5
RIFLE SAFETY.....	7

TOTAL PROJECTS 1,138

BANKER CONTINUES TO SUPPORT LIVESTOCK PROJECTS

FOR THE THIRD YEAR IN A ROW, MR. GEORGE STEELE, VALLEY NATIONAL BANK, WORKED TO ENCOURAGE AND PROMOTE THE LIVESTOCK PROJECTS FOR BOYS AND GIRLS. HE ACCOMPANIED THE AGENT ON VISITS TO HOMES OF 4-H'ERS, WORKED AS A MEMBER OF THE COUNTY LIVESTOCK COMMITTEE IN CHARGE OF THE SHOW AND SALE AT THE 4-H FAIR, AND COUNSELED WITH 4-H'ERS IN HIS OFFICE ABOUT FINANCING THEIR PROJECTS. HE SHOWED A PERSONAL INTEREST IN EACH YOUNGSTER.

MR. PAUL ADAMS, WESTERN COTTON COMPANY, ALSO GAVE CONSIDERABLE TIME TO HELP THE 4-H MEMBERS WITH THEIR LIVESTOCK PROJECTS. HE RECENTLY MOVED TO PHOENIX. 4-H WILL MISS HIM, AND SHOWED IT BY PRESENTING HIM WITH A PLAQUE.

LIVESTOCK PROJECTS EVALUATED

ALMOST ALL MARKET LIVESTOCK BEING FED BY 4-H'ERS WERE CHECKED DURING MARCH AND AN EVALUATION WAS MADE OF THIS YEAR'S WORK FOR THE BENEFIT OF THE 4-H MEMBER. FEEDING PRACTICES, QUALITY OF ANIMALS SELECTED, SANITATION, TRAINING, FITTING, AND MARKET POTENTIAL WERE ALL CONSIDERED IN HELPING THE BOY OR GIRL ANALYZE THEIR WORK AND THUS LEARN MORE ABOUT THE PROJECT. THE LOCAL LEADER AND AGENT WORKED TOGETHER ON THIS EVALUATION. WE HAD 44 ENROLLED IN THE BEEF PROJECT THIS YEAR. THIS IS MORE THAN DOUBLE LAST YEAR'S ENROLLMENT. THE TOTAL NUMBER OF LIVESTOCK THAT WAS SHOWN IN THE 4-H FAIR THIS YEAR WAS THE LARGEST ON RECORD FOR PINAL COUNTY.

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

A. 4-H CLUBS AND THEIR PROGRAMS

3. PROJECTS (CONTINUED)

4-H FAMILY IN NEW MEXICO HELPS SUPPLY LAMBS TO 4-H'ERS IN PINAL COUNTY

IT IS HARD EVERY YEAR TO FIND LAMBS OF THE SIZE AND QUALITY WE NEED FOR OUR 4-H'ERS ENROLLED IN THE FAT LAMB PROJECT. THIS YEAR, THROUGH A CONTACT AT NATIONAL 4-H CONGRESS, WE LOCATED LAMBS OWNED BY A 4-H FAMILY AT ARTESIA, NEW MEXICO. TWO LEADERS AND THE AGRICULTURAL AGENT MADE THE TRIP TO SELECT LAMBS AND BRING THEM BACK.

THIS FAMILY AT ARTESIA WERE EXTREMELY COOPERATIVE. WE PICKED FROM THEIR ENTIRE FLOCK AND BROUGHT HOME SOME GOOD, CLEAN LAMBS. THIS WAS WORTH QUITE A BIT TO GET HEALTHY LAMBS DIRECT FROM A GOOD PRODUCER.

LIVESTOCK JUDGING

THIRTY TWO PEOPLE ATTENDED THE LIVESTOCK JUDGING WORKSHOP. THE SESSION STARTED WITH EMPHASIS ON WHAT TO LOOK FOR IN JUDGING LIVESTOCK. VISUALS WERE USED TO PUT ACROSS THE IDEAS PRESENTED. KEITH JONES CONDUCTED THE TRAINING SESSION.

THEN ACTUAL JUDGING WAS DONE WITH CLASSES OF BOTH MARKET AND BREEDING ANIMALS. EVEN FIRST YEAR MEMBERS DID VERY WELL AFTER THE PRELIMINARY TRAINING.

THE HORSE JUDGING WAS CONDUCTED AT ANOTHER LOCATION BY AGENT VAN WILSON.

LIVESTOCK FITTING AND SHOWMANSHIP

TRAINING WAS GIVEN IN 3 AREAS OF THE COUNTY FOR BEEF, SHEEP, AND SWINE FITTING AND SHOWMANSHIP.

TRAINING IN HOME ECONOMICS AREAS OF 4-H PROGRAM

FOOD AND NUTRITION: (TRAINING IN FOOD JUDGING STANDARDS)

SPECIALIST JUNE GIBBS TRAINED 5 PROFESSIONAL HOME ECONOMISTS IN FOODS JUDGING STANDARDS, RELATING ALL INFORMATION TO THE 4-H PROJECTS. EACH WAS WORKING DIRECTLY WITH THE PROGRAM - 3 OF US AS COUNTY AGENTS; ONE THROUGH BIA; AND ONE AS A 4-H LEADER AND HOME SERVICE REPRESENTATIVE FOR SOUTHWEST GAS CORP. THIS WAS TO BE A TRAINING SESSION FOR 4-H LEADERS BUT DUE TO A CONFLICT IN HER SCHEDULE, JUNE GIBBS WAS ABLE TO COME ONLY AT A CERTAIN TIME THAT PROVED TO BE INCONVENIENT FOR 4-H FOOD PROJECT LEADERS.

AUTUMN LEADER TRAINING WAS CONDUCTED BY THE TWO EXTENSION HOME ECONOMISTS IN FOODS JUDGING STANDARDS. A "CHECK-LIST" OF ALL FOODS NEEDED TO CONDUCT THE TRAINING WAS SENT ALONG WITH THE LETTER INFORMING PEOPLE OF THESE SESSIONS. AS A RESULT, MOST OF THE FOOD PRODUCTS USED WERE BROUGHT IN BY THE PARTICIPANTS, WITH THE HOME ECONOMISTS "FILLING IN THE GAPS". SEVENTEEN 4-H LEADERS AND HOMEMAKERS WERE TRAINED AND 12 PEOPLE TRAINED IN FOODS JUDGING STANDARDS SERVED AS JUDGES AT OUR 4-H FAIR AND COUNTY FAIR. ONE JUDGED THE 4-H FAVORITE FOOD SHOW.

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

A. 4-H CLUBS AND THEIR PROGRAMS

3. PROJECTS

4-H FOODS PROJECT LEADER MATERIALS

VERY COMPLETE LEADER MANUALS WERE ASSEMBLED BY THE ASSISTANT HOME ECONOMIST FOR 4-H LEADERS IN THE FOOD AND NUTRITION PROJECTS. THEY CONTAIN ALL 4-H MEMBER MATERIALS, LEADER GUIDES AND REFERENCES FOR EVERY PHASE OF THE PROGRAM, INCLUDING EACH PROJECT IN FOOD PREPARATION, FOOD PRESERVATION, AND OUTDOOR COOKERY. ALSO SAMPLES OF EVERY RECORD SHEET AND MANY SUPPLEMENTARY BULLETINS AND REFERENCES ARE INCLUDED. SEARS FUNDS WERE USED TO PURCHASE EXPANDIBLE HARD-COVERS FOR THESE MATERIALS. THIS SEEMS TO HELP LEADERS IN VISUALIZING THE TOTAL PROGRAM AND SEEING WHERE THEY ARE GOING. THESE ARE AN EXCELLENT TEACHING AID, FOR LEADERS CAN DRAW UPON OTHER PROJECT MATERIALS OR CAN BRING IN ADDITIONAL INFORMATION; FOR EXAMPLE A BULLETIN ON FREEZING BAKED PRODUCTS, MIGHT HELP IN PREPARING EXHIBITS AHEAD OF TIME. EXTENSIVE USE OF THIS MANUAL CAN MEAN A RICHER EXPERIENCE FOR 4-H MEMBERS AND LEADERS.

CLOTHING

4-H DRESS REVUE TRAINING SESSION:

THE HOME ECONOMICS ADVISORY COMMITTEE MET TO PLAN THE DRESS REVUE.

LAST YEAR, FOR THE FIRST TIME, THE DRESS REVUE WAS HELD AS A SEPARATE EVENT FROM THE 4-H FAIR, AT THE RECOMMENDATION OF THE 4-H BOARD OF DIRECTORS. IT WAS A VERY NICE OCCASION, BUT ATTENDANCE WAS LOW. THE COMMITTEE WANTED TO MAKE THIS A VERY SPECIAL AND IMPORTANT COUNTY EVENT.

THEY RECOMMENDED THAT WE FIND A LOCATION IN FLORENCE, WHICH IS MOST CENTRAL, AND A BUILDING WITH GOOD ACOUSTICS - MRS. C. H. ROBERTSON ARRANGED FOR THE FLORENCE ELEMENTARY SCHOOL CAFETORIUM. THEY FELT THAT A TRAINING MEETING SHOULD BE HELD, FOR MEMBERS AND LEADERS, TO INFORM THEM OF THE EVENT AND TO DISCUSS MODELING TECHNIQUES.

THE DIRECT RESULT WAS A TRAINING SESSION HELD DURING THE LUNCH PERIOD ON DEMONSTRATION DAY. MORE JUDGES FOR CLOTHING DIVISIONS WERE FOUND, SO THAT THESE COULD BE SMALLER, ENABLING ALL ENROLLED IN CLOTHING TO GIVE THEIR DEMONSTRATIONS BEFORE THIS MEETING. THE ASSISTANT HOME ECONOMIST DREW A FLOORPLAN OF THE CAFETORIUM AND HAD THIS MIMEOGRAPHED FOR EVERYONE, AS WELL AS 3 OTHER REFERENCES - ONE ON ACCESSORIES; ONE ON PERSONAL GROOMING; AND ONE ON MODELING TECHNIQUES.

MRS. TONY MELLOR, FORMERLY JUDY HANSEN - AN ACTIVE PINAL COUNTY 4-H'ER, WAS CALLED IN TO GIVE DIRECT TRAINING ON MODELING. SHE AND THE ASSISTANT HOME ECONOMIST CONDUCTED THIS MEETING, ATTENDED BY 65 MEMBERS AND LEADERS, AND DISCUSSED EACH MIMEOGRAPHED REFERENCE, AND ANSWERED QUESTIONS.

THE HOME ECONOMICS ADVISORY COMMITTEE ATTENDED THIS MEETING AND FELT VERY PLEASED WITH IT - SEVERAL SAID IT WAS EXACTLY WHAT THEY HAD HOPED IT MIGHT BE. THEY RECOMMENDED THAT A DRESS REHEARSAL BE HELD JUST BEFORE THE DRESS REVUE, AND EVERY DRESS REVUE PARTICIPANT TOOK PART - IT CERTAINLY HELPED THEM GAIN POISE AND CONFIDENCE. MANY CLOTHING LEADERS ATTENDED AND ASSISTED. THIS TRAINING WAS ALSO CONDUCTED BY MRS. MELLOR AND THE ASSISTANT HOME ECONOMIST.

## V. YOUTH DEVELOPMENT (4-H CLUBS AND OTHER YOUTH)

### A. 4-H CLUBS AND THEIR PROGRAMS

#### 3. PROJECTS

#### SINGER "KNOW YOUR SEWING MACHINE" TRAINING

THIS HAS BEEN GIVEN TO LEADERS WHO HAD NOT GOTTEN TO A COUNTY WIDE TRAINING SESSION, WHENEVER POSSIBLE, THROUGHOUT THE YEAR. AFTER A LEADER HAS BEEN TRAINED SHE IS GIVEN ENOUGH OF THE SINGER BOOKS SO THAT EVERY 4-H MEMBER IN HER GROUP MAY HAVE ONE. LEADERS SEEM TO ENJOY THIS COURSE AND FEEL THEY LEARN A GREAT DEAL, EVEN THOUGH IT IS WRITTEN FOR CHILDREN, AND THEY HAVE BEEN SEWING FOR YEARS. IT IS AN EXCELLENT INTRODUCTION TO USE OF A SEWING MACHINE.

#### TRAINING IN CLOTHING JUDGING STANDARDS

THIS TRAINING WAS NOT OFFERED THIS YEAR, FOR PEOPLE IN PINAL COUNTY WHO HAVE RECEIVED TRAINING ARE AVAILABLE TO JUDGE. WE FEEL FORTUNATE TO HAVE SO MANY QUALIFIED CLOTHING JUDGES. TEN SERVED AS JUDGES AT OUR 4-H FAIR AND COUNTY FAIR.

#### TRAINING ON TECHNIQUES IN WORKING WITH NEW FABRICS

THE TWO HOME ECONOMISTS PRESENTED THE TRAINING SESSIONS ON "SEWING WITH NEW FABRICS" FOR 4-H LEADERS AND HOMEMAKERS CLUBS LEADERS. WE TRAINED 30 PEOPLE IN 8 COMMUNITIES - MAMMOTH, KEARNY, SUPERIOR, APACHE JUNCTION, FLORENCE, COOLIDGE, SACATON AND CASA GRANDE. A FOLDER OF SAMPLES IS AVAILABLE TO EVERY 4-H CLUB AND EVERY HOMEMAKERS CLUB IN EACH OF THESE COMMUNITIES AND PEOPLE ARE TRAINED TO THE EXTENT THAT THEY CAN ASSIST OTHERS. WE WERE VERY PLEASED WITH THE RESPONSE.

FABRICS CHOSEN WERE: LACE, LAMINATES AND BONDED FABRICS, PERMANENT PRESS, AND WOVEN STRETCH. WE FELT THAT THESE PRESENTED CHALLENGES REPRESENTATIVE OF THOSE FOUND IN SOME OF THE OTHER "NEW FABRICS" AVAILABLE. THERE HAS BEEN MUCH INTEREST IN THESE FABRICS, WHICH OFFER EXCITING POSSIBILITIES FOR SEAMSTRESSES - YET PEOPLE HAVE PROBLEMS IN WORKING WITH THEM DUE TO LACK OF KNOWLEDGE ABOUT HANDLING AND SEWING TECHNIQUES. WE WOULD LIKE TO SEE MORE PEOPLE USING THESE FABRICS. THEY WILL STAY ON THE MARKET IF WELL RECEIVED BY THE CONSUMER. ONE OF OUR GOALS WAS TO INFORM SO THAT PEOPLE MIGHT FEEL CONFIDENT IN USING THE NEW FABRICS.

#### COLOR WORKSHOPS

FIVE PEOPLE TO WHOM THE ASSISTANT HOME ECONOMIST PRESENTED A COLOR WORKSHOP THIS YEAR ARE APPLYING THIS KNOWLEDGE TO THE 4-H PROGRAM. FOUR SERVED AS CLOTHING LEADERS AND 4 INCLUDING THE ONE WHO IS NOT A 4-H LEADER SERVED AS CLOTHING JUDGES. IN RELATION TO PERSONAL COLOR ANALYSIS IN A COLOR WORKSHOP 2 WOMEN WERE SURPRISED AND PLEASED TO FIND THAT THEY ARE BETTER ABLE TO SELECT MAKE-UP - A COMMON PROBLEM AS MOST STORES DO NOT SUPPLY SAMPLES TO "TRY" AND NEARLY ALL COLOR CHARTS ARE INACCURATE, WHETHER FOR POWDER, BASE, EYE MAKE-UP, OR LIPSTICK.

ONE LADY EXCLAIMED "IMAGINE GETTING TO THE AGE OF 75 BEFORE DISCOVERING THE COLOR IN YOUR EYES!" SHE WAS SURE SHE WAS TOO OLD TO LEARN ANYTHING USEFUL ABOUT COLOR, AND YET SHE DID, AND FELT THE WORKSHOP WAS VERY ENJOYABLE, ALTHOUGH SHE WAS SURE IT WOULDN'T BE AND WOULD NEVER HAVE COME, BUT FOR THE PERSISTENCE OF HER SISTER-IN-LAW. SHE HAS WANTED A SUIT OR DRESS IN A CERTAIN SHADE OF GREEN FOR YEARS, BUT HAS NEVER GOTTEN IT BECAUSE HER EYES ARE BLUE AND SHE FELT SHE COULDN'T WEAR GREEN. WE FOUND THAT GREEN TO BE ONE OF HER BEST COLORS! SINCE THE WORKSHOP, SHE HAS PURCHASED A GREEN SCARF AND PIN TO ACCESSORIZE A BONE SUIT.

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

A. 4-H CLUBS AND THEIR PROGRAMS

3. PROJECTS

4-H CLOTHING PROJECT LEADER MATERIALS

THE ASSISTANT HOME ECONOMIST HAS COMPILED VERY COMPLETE SETS OF REFERENCES FOR 4-H LEADERS, HELD TOGETHER IN EXPANDIBLE HARD-COVER NOTEBOOKS PURCHASED WITH SEARS FUNDS. THESE MATERIALS INCLUDE ALL LEADER GUIDES, PROJECT MATERIALS, RECORD SHEETS AND ANY BULLETINS OR MIMEOGRAPHED REFERENCES THAT MIGHT HAVE APPLICATION TO THE 4-H CLOTHING PROGRAM. LEADERS HAVE FOUND THESE EXTREMELY HELPFUL IN SEEING THE TOTAL CLOTHING PROGRAM. THEY CAN DRAW ON MANUALS FROM OTHER PROJECT UNITS AND CAN SUPPLEMENT THE LEARNING EXPERIENCES INVOLVED IN ANY PHASE OF THE PROJECT, FOR THE 4-H MEMBERS AS WELL AS THEMSELVES, THROUGH EXTENSIVE USE OF THESE REFERENCES.

KNITTING

EXTENSIVE USE OF 4-H LEADER TRAINED AT UNIVERSITY OF ARIZONA:

MRS. JAY WILSON, A NEW 4-H LEADER WHO ATTENDED THE INSERVICE TRAINING SESSION CONDUCTED BY SPECIALIST HELEN CHURCH, MIGHT AS WELL BE AN EXTENSION STAFF MEMBER, FOR SHE SURELY SHOWS TALENT AND ABILITY AS SHE ASSISTS THE 4-H PROGRAM THROUGH HER KNOWLEDGE OF THE KNITTING PROJECT. SHE HAS CONDUCTED 2 FORMAL TRAINING SESSIONS VERY PROFESSIONALLY, AND HAS ALSO WORKED WITH 2 OTHER LEADERS INDIVIDUALLY. SHE WILL CONDUCT ANOTHER FORMAL TRAINING MEETING AT THE BEGINNING OF THE NEW YEAR, AND IF EVERYONE WHO HAS SAID THEY WILL COME CAN BE PRESENT, SHE WILL HAVE TRAINED ALL 19 KNITTING LEADERS IN OUR COUNTY. IN ADDITION SHE HAS ASSISTED WITH LEADER-RECRUITMENT FOR THIS PROJECT; HAS MADE AND LOCATED THE SUPPLIES FOR "JUDGING RINGS" PRESENTED AT OUR COUNTY HOME ECONOMICS JUDGING EVENTS; AND HAS ASSISTED THE ASSISTANT HOME ECONOMIST EVERY TIME SHE HAS EVER BEEN ASKED. SHE HAS INTERPRETED PROJECT MATERIALS, AND HAS PASSED ON EVERYTHING SHE HAS FOUND HELPFUL IN TEACHING THE PROJECT, SO THAT OTHER LEADERS COULD BENEFIT FROM HER EXPERIENCES. SHE ALSO MADE SUGGESTIONS FOR THOSE MODELING KNITTED GARMENTS, AT OUR DRESS REVUE TRAINING SESSION.

LEADER MATERIALS

THE ASSISTANT HOME ECONOMIST COMPILED SETS OF REFERENCE MATERIALS FOR 4-H LEADERS, INCLUDING EVERY PROJECT MANUAL; AVAILABLE RECORD SHEETS; VISUALS TO AID IN TEACHING CERTAIN PROCEDURES; AND SUPPLEMENTARY MATERIALS INCLUDING INSTRUCTIONS ON MAKING ADDITIONAL ARTICLES. HARD-COVER NOTEBOOKS PURCHASED WITH SEARS FUNDS WERE USED FOR THESE MANUALS.

CHILD CARE - ARIZONA CHILDREN'S COLONY

A GROUP OF OLDER GIRLS WORKED IN THE CHILD CARE PROJECT UNDER THE GUIDANCE OF MRS. DEVINE LEAVITT, A TEACHER WHO BELIEVED THE PROGRAM WAS SO WORTHWHILE THAT SHE WORKED WITH THE GROUP FROM 7:30 A.M. TO 9:30 A.M. BEFORE BEGINNING HER REGULAR TEACHING ASSIGNMENTS. SPECIALIST MRS. CAROL DOTY AND THE ASSISTANT HOME ECONOMIST WORKED WITH MRS. LEAVITT TO ADAPT THE PROJECT AS NECESSARY FOR THESE GIRLS WHO ARE AT THE CHILDREN'S COLONY.

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

A. 4-H CLUBS AND THEIR PROGRAMS

3. PROJECTS

CHILD CARE - ARIZONA CHILDREN'S COLONY (CONTINUED)

THE GIRLS WORKED WITH YOUNGER CHILDREN, MANY OF WHOM WERE BED PATIENTS. THEY LEARNED TO PERFORM ROUTINES SUCH AS FEEDING, BATHING, AND DRESSING. THEY EACH WERE GIVEN THE OPPORTUNITY TO SPEND TIME DAILY WITH A PARTICULAR CHILD, GIVING MUCH INDIVIDUAL ATTENTION AND HELPING WITH EXERCISES OR ANYTHING THAT MIGHT HAVE BEEN SUGGESTED.

THE ASSISTANT DIRECTOR AT THE CHILDREN'S COLONY CONDUCTED MRS. DOTY THE AGENT ON A TOUR AND EXPRESSED HIS INTEREST AND SUPPORT. HE FELT THAT PROGRESS IN SOME CHILDREN HAS BEEN QUITE REMARKABLE, AND THAT ALL HAD RESPONDED WELL TO INDIVIDUAL ATTENTION. HE WAS PLEASED WITH THE ABILITIES OF THE GIRLS WORKING IN THE PROJECT, AND PLANS TO CONTINUE THE PROGRAM NEXT YEAR.

THESE GIRLS GAINED MUCH PERSONAL SATISFACTION AND A SENSE OF PRIDE IN ACCOMPLISHMENT. THEY WERE ANXIOUS TO "SHOW OFF" THE CHILDREN WITH WHOM THEY WORKED; TO DEMONSTRATE THEIR SKILLS; AND TO SHARE THEIR FEELINGS. THEY SEEMED PARTICULARLY SENSITIVE TO NEEDS OF THE CHILDREN AND WERE DELIGHTED OVER POSITIVE RESPONSES THAT CAME AS A RESULT OF THEIR EFFORTS. THEIR PATIENCE SEEMED ENDLESS AND DUE TO ALL OF THE INDIVIDUAL ATTENTION SOME CHILDREN PROGRESSED IN SUCH THINGS AS WALKING, SPEAKING, BENDING STIFF LIMBS, USING BRACES, LEARNING TO PICK THEMSELVES UP AFTER A FALL, AND SMILING! A STRIKING AND INFLUENTIAL FACTOR IN ALL OF THIS WAS THE COMPLETE ACCEPTANCE ON THE PART OF THESE GIRLS, OF ANY CHILD, REGARDLESS OF THE TYPE OR EXTENT OF HIS AFFLICTION.

4-H CHILD CARE PROJECT BRINGS IN NEW 4-H LEADERS

THE ASSISTANT HOME ECONOMIST SPENT MUCH TIME WORKING WITH THIS "NEWEST" PROJECT IN THE HOME ECONOMICS PROGRAM. LEADERS WERE CONTACTED AND INFORMED THROUGHOUT THE YEAR, AND 3 OF THE 11 LEADERS ARE NEW TO 4-H. TWO OTHERS SWITCHED TO THIS PROJECT FROM OTHERS, SO ONLY ONE IS LEADING OTHER 4-H PROJECTS. TWO TRAINING MEETINGS; TWO TRAINING SESSIONS WITH INDIVIDUAL LEADERS; AND ONE MEMBER - TRAINING SESSION WERE CONDUCTED.

NOW THERE IS A NEED TO INFORM NEW AUDIENCES AND BRING NEW YOUNGSTERS INTO 4-H THROUGH THIS PROJECT.

CHILD CARE PROJECT FEATURED AT 4-H FAIR

A LARGE AREA OF THE 4-H HOME ECONOMICS EXHIBIT BUILDING WAS SET ASIDE FOR A CHILD CARE PROJECT DISPLAY. THE GROUP WORKING IN SUPERIOR SET UP AN EXHIBIT THAT HELPED TO INFORM PEOPLE OF THE CHILD CARE PROGRAM. INCLUDED WERE POSTERS, INEXPENSIVE TOYS AND OTHER THINGS MADE FOR ENTERTAINING CHILDREN; EDUCATIONAL EXHIBITS; SAFETY AND FIRST-AID INFORMATION; AND VERY ORIGINAL ITEMS MADE BY THOSE ENROLLED IN THE PROJECT.

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

A. 4-H CLUBS AND THEIR PROGRAMS

3. PROJECTS

CHILD CARE GROUP ASSISTS PARENTS OF SCHOOL CHILDREN AND GAINS EXPERIENCE

THE CHILD CARE GROUP IN SUPERIOR OFFERED TO CARE FOR CHILDREN DURING P.T.A. MEETINGS AND PARENT-TEACHER CONFERENCES. THEY WERE NOT PAID FOR THEIR SERVICES BUT FELT THEY LEARNED MUCH. THEY FOUND THAT GROUP SITUATIONS DIFFER FROM "SITTING" WITH ONE FAMILY OF CHILDREN. THEIR LEADER FELT THAT WE MIGHT CONSIDER PROMOTING THIS IDEA IN ALL COMMUNITIES WHERE THE CHILD CARE PROJECT IS CARRIED, FOR MORE PARENTS MIGHT ATTEND THESE MEETINGS, AND 4-H'ERS WOULD GAIN IN EXPERIENCE WHILE PERFORMING A SERVICE.

CHILD CARE

TRAINING SESSIONS FOR 4-H LEADERS:

TWO TRAINING MEETINGS AND TWO INDIVIDUAL LEADER-TRAINING SESSIONS WERE HELD. ALL BUT 3 OF THE 12 LEADERS ARE NEW TO 4-H. THE ASSISTANT HOME ECONOMIST HAD HOPED TO BRING NEW LEADERS AND NEW MEMBERS INTO THE PROGRAM, THROUGH THIS PROJECT.

TRAINING SESSION FOR 4-H MEMBERS:

SEVERAL CONFERENCES WERE HELD WITH SPECIALIST MRS. CAROL DOTY, IN RELATION TO THIS PROJECT, AND TO THE LESSON PRESENTED BY AGENTS ON "GETTING ALONG WITH CHILDREN". THIS LESSON WAS PRESENTED TO THE PROJECT GROUP IN SUPERIOR, AND THE SESSION WAS MOST SATISFACTORY. THE TEENAGERS INVOLVED SHOWED REAL CONCERN FOR AND UNDERSTANDING OF YOUNGER CHILDREN. ALSO THEY SEEMED TO BE SENSITIVE TO THE PROBLEMS OF INDIVIDUALS, AND TO FACTORS IN THE HOME ENVIRONMENT THAT CAN INFLUENCE CHILDREN'S BEHAVIOR. THE DISCUSSION WAS LIVELY, AND THESE GIRLS FELT FREE TO ASK QUESTIONS. EACH SHARED, IN GENERAL, HER FEELINGS ABOUT THE PROJECT, AND ALSO ANY UNUSUAL OR ESPECIALLY INTERESTING AND CHALLENGING EXPERIENCES. MRS. ROBERT FIEDLER, (GERRY), WHO HAS DONE AN OUTSTANDING JOB AS 4-H LEADER IN THE PROJECT WILL BE MOVING AWAY. SHE HAS FOUND TWO NEW LEADERS AND ONE WAS ABLE TO ATTEND THIS MEETING. AFTERWARD, SOME LEADER TRAINING WAS DONE IN THE PROJECT FOR THIS NEW LEADER.

4-H LEADER MANUALS

THE ASSISTANT HOME ECONOMIST ASSEMBLED COMPLETE SETS OF REFERENCES FOR LEADERS IN THE CHILD CARE PROJECT. THESE INCLUDE ALL LEADER GUIDES, PROJECT MATERIALS, RECORD SHEETS, AND THE VARIOUS BULLETINS AND OTHER REFERENCES RECOMMENDED BY MRS. DOTY. THE MATERIALS SUGGESTED WERE ALL ORDERED, AND LEADERS ARE IMPRESSED WITH THE FINE QUALITY OF THESE SUPPLEMENTARY REFERENCES. HARD-COVER, EXPANDIBLE NOTEBOOK COVERS WERE PURCHASED WITH SEARS FUNDS, TO PROTECT THESE LEADER MANUALS.



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

A. 4-H CLUBS AND THEIR PROGRAMS

3. PROJECTS

HOME MANAGEMENT-HOME FURNISHINGS

LEADER TRAINING:

OUR ONLY PROJECT GROUP WAS LOCATED ON THE GILA RIVER INDIAN RESERVATION, SD THE BIA HOME ECONOMIST CONDUCTED TRAINING. SHE HAS RECEIVED TRAINING FROM SPECIALIST CORINNE STINSON, AND THE ASSISTANT HOME ECONOMIST, IN PROJECT SUBJECT-MATTER AND IN JUDGING STANDARDS.

TRAINING OF ADVANCED 4-H MEMBERS:

THE ASSISTANT HOME ECONOMIST CONFERRED SEVERAL TIMES WITH SENIOR 4-H MEMBERS DOING ADVANCED WORK IN THE PROJECT AND MADE HOME VISITS.

COLOR:

THROUGH A COLOR WORKSHOP AND MANY INDIVIDUAL OPPORTUNITIES DURING MEETINGS AND HOME VISITS, KNOWLEDGE OF COLOR AS APPLIED TO HOME FURNISHINGS AND INTERIOR DECORATION HAS BEEN DISCUSSED, AND THEN INFORMATION HAS BEEN PASSED ALONG, RELATIVE TO THE HOME FURNISHINGS PROJECTS. THE ASSISTANT HOME ECONOMIST HAD HOPED TO STIMULATE INTEREST IN THE PROJECT THROUGH COLOR WORKSHOPS AND RELATED ACTIVITIES, BUT PEOPLE ONLY SEEM INTERESTED IN STARTING RIGHT OUT IN ONE OF THE ADVANCED UNITS. THIS IS TRUE OF LEADERS AND MEMBERS.

LEADER MANUALS

THE ASSISTANT HOME ECONOMIST HAS COMPILED SETS OF REFERENCES FOR 4-H LEADERS THAT INCLUDE SAMPLES OF ALL PROJECT MATERIALS, RECORD SHEETS, AND LEADER GUIDES, AS WELL AS SUPPLEMENTARY REFERENCES. HARD-COVER NOTEBOOKS PURCHASED WITH SEARS FUNDS HAVE BEEN USED TO CONTAIN THESE MATERIALS.

4-H HOME ECONOMICS PROGRAM EXPANDS INTO NEW AREAS OF COUNTY

THE ASSISTANT HOME ECONOMIST HAS ATTEMPTED TO ESTABLISH 4-H CLUB WORK IN FOUR NEW AREAS THIS YEAR - ARIZONA CITY; TOLTEC CITY; STANFIELD - ANOTHER CLUB REACHING A DIFFERENT AREA; AND RANDOLPH - MEMBERS ARE NOT YET ENROLLED HERE BUT THE 'GROUNDWORK' HAS BEEN DONE AND PLANS ARE CONTINUING. SIXTEEN LEADERS HAVE BEEN TRAINED, AND THE PROJECTS SO FAR ARE IN CHILD CARE, KNITTING, FOODS AND CLOTHING.

4-H HOME ECONOMICS JUDGING DAYS

TWO COUNTY-WIDE EVENTS WERE HELD - ONE IN COOLIDGE ATTENDED BY 58 4-H MEMBERS AND ONE IN SUPERIOR ATTENDED BY 50 4-H'ERS. LAST YEAR, THROUGH RECOMMENDATIONS OF THE HOME ECONOMICS ADVISORY COMMITTEE, NON-COMPETITIVE JUDGING 'RINGS' WERE SET UP FOR FIRST-YEAR MEMBERS AND OTHERS WHO HAD NOT JUDGED BEFORE. BECAUSE IT WAS SO WELL RECEIVED, THIS WAS DONE AGAIN. SENIOR 4-H'ERS WERE IN CHARGE OF THESE AREAS. AFTER THE MEMBERS JUDGED AND GAVE ORAL REASONS INDIVIDUALLY, THE OLDER 4-H'ERS DISCUSSED THE OFFICIAL PLACINGS, GAVE DETAILED EXPLANATIONS, AND ANSWERED QUESTIONS.

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

A. 4-H CLUBS AND THEIR PROGRAMS

3. PROJECTS

4-H HOME ECONOMICS JUDGING DAYS (CONTINUED)

LEADERS AND MEMBERS FELT THAT THESE YOUNGER MEMBERS LEARNED HOW TO JUDGE AND ENJOYED WORKING WITH OLDER MEMBERS. FEW WERE VERY HESITANT ABOUT STATING ORAL REASONS TO THE SENIOR 4-H'ERS. THESE RINGS WERE NOT PART OF A CONTEST - MEMBERS ARE RECEIVING RECOGNITION FOR PARTICIPATION.

IN THESE AREAS, 'RINGS' WERE SET UP AS FOLLOWS:

- FOODS.....MEASURING EQUIPMENT
- CLOTHING.....SHEARS FOR CUTTING CLOTH
- KNITTING.....KNITTED SQUARES

LOCAL 4-H LEADERS AND OTHERS INTERESTED ASSISTED BY TAKING REASONS AND ASSIGNING SCORES.

FOR THE JUDGING CONTEST - 'RINGS' WERE SET UP AS FOLLOWS:

- FOODS.....PLACING - COOKIES (FOOD PREPARATION AND EXHIBITING)  
ORAL REASONS - NUTRITIOUS SNACK (NUTRITION)  
WRITTEN REASONS - KITCHEN EQUIPMENT (SAFETY, EFFICIENCY, CONVENIENCE)
- CLOTHING.....PLACING - LABELS (NECESSARY INFORMATION FOR FABRIC OR READY-TO-WEAR)  
ORAL REASONS - SEAMS (CONSTRUCTION - 8 POINTS CONSIDERED)  
WRITTEN REASONS - SEWING EQUIPMENT (SAFETY, EFFICIENCY, CONVENIENCE)
- KNITTING.....PLACING, ORAL, OR WRITTEN REASONS - SLIPPERS (CONSTRUCTION; TECHNIQUES)

NOTE: ONE 'RING' WAS SET UP IN KNITTING, AS PART OF THE CONTEST. ANYONE ENROLLED IN THAT PROJECT COULD CHOOSE TO JUDGE THIS RING AND ANY TWO OF THE THREE CLOTHING RINGS, IF ENROLLED IN CLOTHING, ALSO. SINCE THEY HAD TO PLACE ONE 'RING' ONLY, PRESENT ORAL REASONS ON ONE 'RING', AND WRITTEN REASONS ON ANOTHER, THEY DID WITH THE KNITTING 'RING' WHAT EVER THEY HAD NOT DONE IN CLOTHING.

INSTRUCTIONS WERE APPARENTLY CLEAR - THERE SEEMED TO BE NO CONFUSION. MEMBERS WERE ALLOWED COMPLETE FREEDOM IN TIMING. WITHIN THE ALLOTTED TIME, THEY COULD SPEND AS LITTLE OR AS MUCH TIME AS THEY NEEDED TO JUDGE ANY RING - THEY WERE ASKED ONLY TO KEEP FROM CROWDING CLOSE TO A 'RING' AND TO WAIT WHEN NECESSARY TO PREVENT TOO LARGE A GROUP FROM BEING IN ONE AREA. IT WORKED OUT JUST FINE, AS IT DID LAST YEAR.

JUDGING "RINGS" AVAILABLE TO 4-H CLUBS

"RINGS" USED IN THE COUNTY HOME ECONOMICS JUDGING DAYS ARE AVAILABLE AS TEACHING AIDS TO LEADERS. SEVERAL HAVE BEEN PRESENTED BY THE ASSISTANT HOME ECONOMIST AT COMMUNITY CLUB PROGRAMS AND LEADER TRAINING SESSIONS. ALSO 'RINGS' MADE BY FORMER AGENTS HAVE BEEN USED.

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

A. 4-H CLUBS AND THEIR PROGRAMS

3. PROJECTS

4-H DRESS REVUE

THIS YEAR THE DRESS REVUE WAS ACCLAIMED A SUCCESS - BY MEMBERS, PARENTS, AND FRIENDS. IT WAS ONLY THE SECOND SUCH EVENT THAT HAS BEEN HELD SEPARATE FROM THE 4-H FAIR, THE RESULT OF A DECISION MADE BY OUR COUNTY 4-H BOARD OF DIRECTORS. PEOPLE HAVE HAD MIXED FEELINGS ABOUT THE DRESS REVUE AS AN INDIVIDUAL EVENT AND LAST YEAR, WHILE THE 4-H MEMBERS AND LEADERS INVOLVED WORKED VERY HARD AND STAGED AN EXTREMELY NICE EVENT, ATTENDANCE WAS LOW.

THE 4-H HOME ECONOMICS ADVISORY COMMITTEE WORKED VERY HARD TO FIND WAYS OF MAKING THIS DRESS REVUE MEMORABLE. THEY INCORPORATED A "DESSERT SOCIAL", HELD BEFORE THE DRESS REVUE FOR PARENTS AND FRIENDS, DURING WHICH THERE WAS A DRESS REHEARSAL. THE FACILITIES WERE LOCATED EARLY AND CAREFULLY CHECKED FOR SUITABILITY. A TRAINING SESSION ON MODELING TECHNIQUES WAS PRESENTED IN CONJUNCTION WITH THE COUNTY DEMONSTRATION EVENT. (SEE SECTION ON TRAINING IN HOME ECONOMICS PROJECT AREAS).

FAVORITE FOOD SHOW

VERY FEW PARTICIPATED IN THIS EVENT, HELD DURING OUR 4-H FAIR. THE HOME ECONOMICS ADVISORY COMMITTEE RECOMMENDED THAT IT BE HELD AT SOME OTHER TIME TO INCREASE INTEREST AND PARTICIPATION, FEELING THAT 4-H'ERS ARE TOO INVOLVED IN OTHER ACTIVITIES AT THE FAIR, SINCE IT HAS BECOME A SHORTER EVENT, DUE TO A 4-H BOARD RULING THREE YEARS AGO.

4-H DEMONSTRATION DAY

ONE HUNDRED AND TWO (102) 4-H MEMBERS PRESENTED DEMONSTRATIONS OR ILLUSTRATED TALKS AT THIS COUNTY 4-H EVENT. JUDGING WAS DONE BY LOCAL 4-H LEADERS AND SENIOR 4-H'ERS WHO HAD RECEIVED TRAINING, AND BY OTHERS WHO WERE KNOWLEDGEABLE IN VARIOUS SUBJECT-MATTER AREAS. THERE WERE AT LEAST 2 JUDGES IN EVERY CATEGORY.

4. ACTIVITIES

NATIONAL 4-H WEEK GIVEN SPECIAL EMPHASIS

THE EMPHASIS IN OUR LONG RANGE PROGRAM IS ON THE LOCAL CLUB. WITH THIS IN MIND, VISITS WERE MADE TO ALL COMMUNITY LEADERS DURING AUGUST. IDEAS WERE DISCUSSED FOR LOCAL PROGRAMS DURING NATIONAL 4-H CLUB WEEK. IN THE PAST, LEADER CERTIFICATES AND PINS WERE PRESENTED AT COUNTY EVENTS. THIS YEAR, THE PLANS INCLUDED PRESENTING THESE AT LOCAL PROGRAMS DURING NATIONAL 4-H CLUB WEEK.

PARENTS AND OTHER LOCAL PEOPLE CAN BECOME MORE AWARE OF THE EFFORTS AND WORK OF THE VOLUNTEER LEADERS THIS WAY. THE PROGRAMS INCLUDED INFORMATION ON HOW PARENTS AND THE COMMUNITY CAN HELP THE LEADER MAKE 4-H MORE EFFECTIVE.

TEN OF THE 21 CLUBS WERE INVOLVED IN SPECIAL PROGRAMS IN THEIR RESPECTIVE COMMUNITIES. THESE WERE PLANNED AROUND LEADER RECOGNITION, MEMBER ACCOMPLISHMENTS DURING THE PAST YEAR, AND PROMOTION OF THE YEAR AHEAD.

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

A. 4-H CLUBS AND THEIR PROGRAMS

4. ACTIVITIES

NATIONAL 4-H WEEK GIVEN SPECIAL EMPHASIS (CONTINUED)

IN THE PAST, LEADER AWARDS WERE GIVEN AT A COUNTY-WIDE LEADERS MEETING. NOT ALL LEADERS ATTENDED AND PARENTS AND MEMBERS DID NOT WITNESS THE LEADER RECDGNITION. THE LOCAL EMPHASIS SEEMS A MUCH BETTER WAY - HONORING LEADERS IN FRONT OF THE PEOPLE THEY ARE SERVING. THE OTHER CLUBS RECOGNIZED THEIR LEADERS AT LOCAL EVENTS, BUT THESE DID NOT HAVE THE NATIONAL 4-H WEEK ACCENT.

OTHER 4-H WEEK OBSERVANCES INCLUDED SPECIAL RADIO PROGRAMS ON TWO STATIONS. ONE PROGRAM WAS PLANNED AND CARRIED OUT ENTIRELY BY 4-H MEMBERS AND A LOCAL VOLUNTEER LEADER.

THREE OF THE COUNTY NEWSPAPERS CARRIED FRONT PAGE STORIES ABOUT 4-H CLUB WORK. AND ALL SEVEN PAPERS GAVE SOME SPACE TO 4-H. TWO PAPERS CARRIED FULL PAGE SPONSORED TRIBUTES TO 4-H CLUB WORK.

A SPECIAL CEREMONY WAS HELD AT THE COURTHOUSE IN FLORENCE ON SATURDAY, SEPTEMBER 24. JUDGE T. J. MAHONEY GAVE THE NATIONAL 4-H WEEK PROCLAMATION. THE 4-H FLAG WAS PRESENTED TO THE CHAIRMAN OF THE BOARD OF SUPERVISORS TO BE FLOWN OVER THE COURTHOUSE FOR THE WEEK. ALSO THE PINAL COUNTY 4-H CLUBS WERE PRESENTED A DEED FOR A CAMP SITE NEAR WILLIAMS, ARIZONA.

IN BOTH COOLIDGE AND CASA GRANDE, THE MAYORS ISSUED 4-H WEEK PROCLAMATIONS. ALSO A NUMBER OF WINDOW DISPLAYS AND MANY 4-H WEEK POSTERS WERE ON EXHIBIT TO THE PUBLIC. THE CASA GRANDE HIGH SCHOOL FLEW THE 4-H FLAG DURING THE WEEK.

4-H CITIZENSHIP

ORGANIZATIONS APPLAUD 4-H CITIZENSHIP PROGRAM:

ONE SPONSOR, ELECTRICAL DISTRICT NO. 2 OF COOLIDGE, VOLUNTARILY DOUBLED ITS CONTRIBUTION. OUR 4-H BOARD HAD SUGGESTED A \$100 CONTRIBUTION AS A  $\frac{1}{2}$  SCHOLARSHIP FOR ONE MEMBER GOING TO WASHINGTON, D. C. THIS SPONSOR HAD REQUESTED KEITH JONES TO APPEAR BEFORE THEIR GROUP TO TELL ABOUT THE CITIZENSHIP PROGRAM IN 4-H CLUB WORK. HE DID THIS, AND, FOLLOWING THE MEETING, THEY AGREED TO GIVE \$100. THEN SOMETIME LATER, WHEN THEY FOUND OUT WE WERE SENDING 7 MEMBERS TO WASHINGTON, THEY SENT A LETTER AND CHECK FOR \$200. THIS ELECTRICAL DISTRICT BOARD SAID THEY FELT THAT THIS WAS THE MOST WORTHWHILE PROJECT THAT THEY COULD BACK.

WE RECEIVED ENOUGH MONEY FROM SPONSORS TO GIVE EACH OF THE 7 MEMBERS A  $\frac{1}{2}$  SCHOLARSHIP TOWARD TOTAL EXPENSES FOR THE TRIP. THE 7 MEMBERS WILL BE EXPECTED TO GIVE PROGRAMS AROUND THE COUNTY FOLLOWING THEIR RETURN.

THE SPONSORS WERE ELECTRICAL DISTRICT No. 2, COOLIDGE; KENNECOTT COPPER CORPORATION; ARIZONA CITY DEVELOPMENT CORPORATION; MOUNTAIN VIEW MEMORIAL GARDENS, MESA; PACIFIC GUANO; CASA GRANDE ROTARY CLUB; VALLEY NATIONAL BANK, KEARNY; AND THE PINAL COUNTY 4-H CLUBS.

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

A. 4-H CLUBS AND THEIR PROGRAMS

4. ACTIVITIES

4-H CITIZENSHIP (CONTINUED)

STATE 4-H CITIZENSHIP DAY:

TWO 4-H MEMBERS AND A MEMBER OF OUR 4-H BOARD OF DIRECTORS WERE OFFICIAL PINAL COUNTY DELEGATES. THE ASSISTANT HOME ECONOMIST ATTENDED AND OBSERVED, REPRESENTING THE EXTENSION HOME ECONOMISTS, SINCE SHE WILL WORK WITH AGENT DWAIN GALE, AS CO-CHAIRMAN OF THIS EVENT NEXT YEAR.

NEW 4-H CAMP SITE

AFTER LAND NEAR WILLIAMS WAS DONATED TO PINAL COUNTY FOR A NEW CAMP SITE, THE 4-H BOARD SPENT MANY HOURS PLANNING, CHECKING OTHER CAMPS, STARTING DEVELOPMENT WORK, AND CONSIDERING WAYS OF FINANCING THE PROJECT.

TED WELCHERT, EXTENSION ENGINEER, VISITED THE SITE AND MADE SUGGESTIONS AND DREW UP PLANS FOR WATER SYSTEM, SEWAGE DISPOSAL, AND GENERAL BUILDING LAYOUT. AT THE PRESENT TIME, 4 CABINS HAVE BEEN BUILT, AND MORE WILL BE BUILT NEXT SUMMER.

4-H CAMP HELD IN JUNE, 1966

THE COOPERATIVE EFFORTS OF MANY PEOPLE AGAIN MADE POSSIBLE A SUCCESSFUL COUNTY 4-H CAMP. THIS YEAR IT WAS HELD AT FRIENDLY PINES CAMP NEAR PRESCOTT. TOTAL ATTENDANCE AT CAMP WAS 104.

THE COUNTY SCHOOL SUPERINTENDENT MADE ARRANGEMENTS FOR US TO USE BUSES FOR THE TRIP. SEVERAL PARENTS FURNISHED PICKUPS TO HAUL LUGGAGE. TWELVE ADULTS VOLUNTEERED TO SERVE AS CAMP COUNSELORS, ONE BEING THE CAMP NURSE.

SENIOR 4-H'ERS SERVED AS CAMP OFFICERS. MEETINGS WERE HELD BEFORE GOING TO CAMP TO TRAIN THESE OFFICERS AND FOR TRAINING IN CRAFTS.

TWO COUNTY SENIOR 4-H EVENT SUCCESSFUL

"YOUNG AMERICA AND WORLD AFFAIRS" WAS THE THEME OF THE EVENT ATTENDED BY 25 PEOPLE FROM PIMA COUNTY AND 22 FROM PINAL COUNTY. THIS WAS HELD AT THE PINAL COUNTY FAIRGROUNDS. GOOD SPEAKERS, DISCUSSION SESSIONS, RECREATION, AND FOOD PREPARATION PROVIDED A FULL SCHEDULE. THE MEMBERS WORKED HARD AND PLAYED HARD AND AGREED AT THE CLOSE THAT IT WAS VERY WORTHWHILE. TWO SPEAKERS WERE CALLED IN: MR. GARY PETTERSON, FORMER IFYE TO JAPAN; AND MR. GEORGE LEWERENZ, FORMER PEACE CORP WORKER IN NIGERIA. A DISCUSSION WAS LED BY GARY PETTERSON ON FORCES INFLUENCING WORLD AFFAIRS TODAY.

## V. YOUTH DEVELOPMENT (4-H CLUBS AND OTHER YOUTH)

### A. 4-H CLUBS AND THEIR PROGRAMS

#### 4. ACTIVITIES

##### SENIOR 4-H CAMP OUT

THIS ANNUAL EVENT CONTINUES TO BE A POPULAR ACTIVITY FOR THE SENIOR 4-H'ERS. THERE WERE 40 PEOPLE ATTENDING THIS YEAR. THE CAMP-OUT HELPS TO CREATE A GREATER APPRECIATION FOR NATURE AND IS EXERCISE PROMOTING GOOD HEALTH. CITIZENSHIP WAS THE THEME OF THE PROGRAM WHILE ON THE CAMP-OUT. THE DELEGATES WHO WENT TO WASHINGTON, D. C., REPORTED ON THEIR TRIP. THEN THE GROUP EXPLORED WAYS OF INCLUDING MORE CITIZENSHIP OPPORTUNITIES IN THE COUNTY 4-H PROGRAM.

##### TRAINING MEETING ON RECORDS FOR JUNIOR LEADERS

NEW JUNIOR LEADERS OFTEN SEEM FRUSTRATED AND SOMETIMES GIVE UP WHEN THEY START ON THE STANDARD REPORT FORMS FOR THEIR 4-H RECORD. A LITTLE HELP, ENCOURAGEMENT, AND GUIDANCE WAS ACHIEVED AT THE TRAINING SESSION.

THIS WAS THE THIRD RECORD TRAINING SESSION HELD DURING THE YEAR. WE BELIEVE IT HELPS PROMOTE TENURE AND THUS LENGTHEN THE PERIOD OF LEARNING THROUGH 4-H CLUB WORK. THE TRAINING SESSIONS WERE CONDUCTED BY KEITH JONES.

##### 4-H FAIR CAFETERIA OPERATED BY 4-H MEMBERS AND MRS. CHESTER CARTER

THE 4-H CAFETERIA WAS OPERATED BY 4-H MEMBERS ASSISTING MRS. CARTER AND THEY DID VERY WELL UNDER THE CONSCIENTIOUS SUPERVISION OF SENIOR 4-H'ERS CINDY ASPINALL AND SUZANNE WILSON; BOTH OF CASA GRANDE. SENIOR MEMBERS DECIDED THAT THIS WOULD PROVIDE AN OPPORTUNITY FOR YOUNGER 4-H'ERS TO ASSIST WITH THE 4-H FAIR, AND THEY WERE SO RIGHT! OUR YOUNGER MEMBERS THOUGHT IT WAS GREAT FUN TO CLEAR TABLES, WASH DISHES, ETC. ADULT CAFETERIA SUPERINTENDENT, MRS. CHESTER CARTER, WITH HER ENDLESS PATIENCE, MADE THIS AN ENJOYABLE EXPERIENCE FOR EVERYONE. AT ONE MOMENT SHE RUSHED UP TO A VERY LARGE GROUP OF VERY EXCITED, HAPPY AND TINY 4-H MEMBERS TO SAY, AS ONLY HATTIE BELL COULD, "I WANT ALL OF YOU TO KNOW HOW MUCH I APPRECIATE ALL OF YOUR HELP, BUT IT WOULD BE SO ESPECIALLY HELPFUL TO ME IF ONLY ONE OF YOU CALLED BACK THE NUMBER OF HAMBURGER ORDERS!"

THERE WERE PROBLEMS BUT SENIOR 4-H'ERS FEEL SURE THESE CAN BE WORKED OUT. THE BIGGEST PROBLEM WAS THAT TOO MANY 4-H MEMBERS WANTED TO ASSIST AND THEY WERE OVERCROWDING THE KITCHEN! 4-H BOARD MEMBERS WERE DUBIOUS BUT FOUND THAT A PROFIT OF APPROXIMATELY \$600 WAS MADE, WHERE UP TO THIS TIME THE CAFETERIA HAD LOST MONEY DUE TO PAYING HIRED HELP. THEY PRAISED THE SENIOR 4-H'ERS FOR ACCEPTING THE CHALLENGE AND ALREADY THESE MEMBERS ARE WORKING OUT A SCHEDULE FOR NEXT YEAR, TO TRY AND AVOID OVERCROWDING OR UNDERSTAFFED PERIODS.

##### FULL DAY GIVEN TO 4-H DEMONSTRATIONS

ONE HUNDRED TWO 4-H'ERS GAVE DEMONSTRATIONS AT THE ANNUAL DEMONSTRATION DAY AT THE FAIRGROUNDS. PROJECT SKILLS AND YOUTH DEVELOPMENT ARE BOTH ACHIEVED THROUGH THIS EVENT AND LEADERS AGREE THAT THIS IS ONE OF THE MOST IMPORTANT EVENTS OF THE YEAR.

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

B. OTHER YOUTH DEVELOPMENT ACTIVITIES

WORK WITH OTHER YOUTH ON CAREERS

KEITH JONES MADE THREE DIFFERENT APPEARANCES AT SCHOOLS TALKING ON CAREERS. APPROXIMATELY 300 STUDENTS WERE INVOLVED IN THESE PROGRAMS.

## VI. SUMMARY OUTLOOK AND RECOMMENDATIONS

THE AGRICULTURAL PRODUCTION PHASE OF OUR PROGRAM IS DESIGNED TO PROMOTE DIVERSIFICATION. COTTON HAS BEEN CONTRIBUTING LESS TO THE ECONOMY EACH YEAR AND SOMETHING ELSE MUST BE FOUND TO REPLACE THIS LOST INCOME. SORGHUM, ALFALFA, SMALL GRAINS, SAFFLOWER, SUGAR BEETS AND SOYBEANS ARE BEING INVESTIGATED AS POTENTIALS FOR FILLING THIS VOID. BETTER WAYS OF PRODUCTION AND MARKETING ARE BEING THAT WILL INCREASE THE PROFIT POTENTIAL OF THESE CROPS.

LIVESTOCK PRODUCERS IN PINAL COUNTY CONTINUED TO INCREASE. TWO NEW FEED LOTS AND ONE DAIRY WERE BUILT. THESE WERE PRODUCERS RELOCATING FROM ALONG THE SALT RIVER IN MARICOPA COUNTY. ALSO ONE OF THE OLD FEED LOTS WAS REACTIVATED.

THE RANGE LIVESTOCK OPERATORS ARE GETTING MORE INTERESTED IN IMPROVING THEIR RANGE LAND, BOTH TO PRODUCE MORE FEED AND TO MAKE THEIR WORKING CONDITIONS EASIER. THIS PAST YEAR 14,000 ACRES OF CACTUS WERE CABLED, 1,400 ACRES MESQUITE WERE SPRAYED. WE PLAN TO EMPHASIZE RANGE IMPROVEMENT THIS COMING YEAR.

4-H CLUB WORK IN PINAL COUNTY HAS GRADUALLY SHOWN A GROWTH OVER THE PAST SEVERAL YEARS IN THE NUMBERS OF BOYS AND GIRLS ENROLLED. HOWEVER, THE PROGRAM IS GRADUALLY ACQUIRING MORE DEPTH IN GOALS AND ACCOMPLISHMENTS.

SPECIAL CITIZENSHIP EMPHASIS IS MUCH MORE APPARENT NOW THAN PREVIOUSLY. LEADERSHIP EXPERIENCES AMONG SENIOR MEMBERS ARE GIVEN MORE STRESS AND THIS IS SHOWING RESULTS.

WE CERTAINLY HOPE TO MAKE SUBSTANTIAL INCREASES IN THE 4-H ENROLLMENT IN THE COUNTY, PARTICULARLY AMONG CHILDREN OF LOW INCOME FAMILIES.

TO DO THIS, WE BELIEVE COMMUNITIES MUST BE ENCOURAGED TO ORGANIZE TO PROVIDE MORE LEADERSHIP FOR YOUTH WORK. EXTENSION MUST HAVE THE HELP OF MORE RESOURCE PEOPLE IN SUBJECT MATTER AREAS, MORE HELP THROUGH COMMUNITY COMMITTEES REGARDING THE ORGANIZATIONAL WORK, AND ALSO INCREASED FINANCIAL BACKING.