

- October - Conduct 6 Soil Schools - G. R. Epperson
- Hay, Corn and Silage School - Culpeper Enterprises
- Dry Cow Management Demonstration - Earl Hawkins
- Feeder Pig Sale
- 4-H County Council Meeting
- Five State Y.M.W. Conference
- Get Sears Pig Chain bred
- Get fall steers on feed

- November - Feeder Pig Health Meeting - Culpeper Enterprises
- Out-of-State Farm tour
- Forestry Tour - Gladfelter, etc.
- Annual Report
- Joint Feeder Calf Sale
- Feeder Pig Sale
- 4-H Achievement Day - Honor Club initiation
Awards presentation
- National 4-H Club Congress
- Sears Pig Chain tour official scoring
- 4-H Leaders to National Bridge Leaders' Conference
- Eastern National Livestock Exposition

- December - Contact Beef men on R.O.P. sign up
- Baby Beef tour
- Electric Project Planning Meeting
- Tractor Project Planning Meeting
- Christmas Float Parade

* Weekly
 ** Monthly

July -
(cont'd)

4-H Baby Beef Selection Committee

Conservation Camp

4-H Picnic

Fitting and showing demonstrations
(Beef & Dairy)

State 4-H Achievement Records in Electric

Forestry Camp

Select steers for spring and fall show and sales

Sears Pig Chain Banquet

Vaccinate and test 4-H pigs and calves

Feeder Pig Sale

August -

Culpeper Farm Show

Inter-state All Star Conference

4-H Electric Congress - exhibit to be
set up from Culpeper

Fall Baby Beef Show and Sale

Extension Conference

Army Camp - Fort Knox

Leadership Training Camp - Va. Beach

Market Hog Show and Sale (4-H)

September -

Dairy Herd Health Meeting

~~WESTERN VIRGINIA DISTRICT 4-H DAIRY SHOW~~

Feeder Calf Sale

Madison Yearling Sale

State Fair

Get fall and spring steers on feed.

April - 4-H Judging team workouts in Soil
(cont'd) 4-H District Tractor Driving Contest
4-H District Soil Judging Contest

May - Western Ewe Sale - if needed
Feeder Pig Sale
Holstein Twilight Meeting
Place Sears Pig Chain and buy boar
Select pigs for Orange Area Hog Show and Sale
4-H Sunday
District contest in Electric Demonstration and
Public Speaking
District contest in Poultry judging
Firemen's Float Parade

June - Feeder Pig Management Demonstration
County Wool Pool
County Holstein Heifer Sale
4-H Electric tour and picnic
All Star Conference
State 4-H Short Course
Sears Pig Chain tour
"Bug" Club field trip
Sr. 4-H Camp

July - Milking Clinic - 3 farms
Black and White Show
Institute of Rural Affairs
Jr. 4-H Camp - Holiday Lake

- March - Weed Control in pasture and corn
 R.O.P. Bull Sale
 Enroll at least one owner-sampler
 Area Poultry School in Madison
 4-H Tree Planting Demonstration
 4-H Livestock and Dairy team workouts
 Select dairy heifer projects
 Judging schools in Dairy and Livestock
 4-H Week - Radio broadcasts, news articles, posters, exhibits, displays, and grace cards in restaurants.
 Share-the-Fun Contest - Banks sponsor event.
 4-H State 4-H Achievement Records
 4-H Enrollment
 Hoard's Dairy Judging Contest
- April - Foultry tour - York, Pa.
 Feeder Calf and Yearling Sale
 Arrange for fertilizer and seed on six corn demonstrations
 County Board of Agriculture Meeting
 4-H Baby Beef Show and demonstrations
 4-H Judging team workouts in Dairy and Livestock
 4-H Judging team - District Contest
 County Tractor Driving Contest
 County contest in Public Speaking and Electric demonstration
 Sears Pig Chain tour and official scoring
 Middleburg Heifer Show

IX. CALENDAR OF WORK

- January - Hold Livestock, Dairy, Agronomy, Poultry, Forestry,
and Youth Planning Meetings.
- Plan a four session Culpeper Extension School.
- Order T.V.A. fertilizer
- A.B.A. Annual Meeting
- Present forestry information - Radio and newspaper
- *Radio Broadcast
- *Newspaper Column
- Distribute Soil tubes and boxes - 6 Ruritan Clubs
- Poultry Marketing Meeting
- **Monthly Report
- **4-H Dairy Club Meeting
- **4-H Beef Club
- **Ten 4-H Club Meetings
- **4-H Honor Club
- February - D.H.I.A. Herd Book Conference and Annual Meeting
- Hold Culpeper Extension School
- Seed and Fertilizer Dealers Meeting
- Process soil samples for corn plots
- Plan of Work
- Arrangement for Purebred Swine Sale
- Farmers Tax Meeting
- 4-H Tractor Meetings
- 4-H Electric Meetings
- 4-H County Council Meeting
- All Star Meeting to approve new candidates

PROGRAM OR PROJECT: PUBLIC SPEAKING

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Give members opportunity to cultivate their skills.	1. County Contest	April	Office Aud.	Contestants, Judges & Critics
	2. District Contest	May	Front Royal	Contestants and Judges

PROGRAM OR PROJECT: GARDEN

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Train members to utilize resources of soil and vegetable seed to provide food for the family.	1. Plant gardens (25) Keep records	1961	Members' homes	25 members and available help
	2. Exhibit vegetables (3)	August	Culpeper Farm Show	Members and Dept. Supt.

PROGRAM OR PROJECT: SOILS

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Train Soil Judging team	1. Classroom and field workouts use soil survey	Feb. Mar. & Apr.	County	Team Members L.B. Henretty, Soil Conservation, John Elder, Soil Scientist, mapping Madison County

PROGRAM OR PROJECT : Automotive Care and Safety

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Farm Advisory Council	1. Meet to determine the use of the project in Culpeper Co.	April 26	Office Aud.	Various Leaders in vocations pertaining to the project.

PROGRAM OR PROJECT: ENTOMOLOGY

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Train members to identify and classify insects and control of them through proper use of insecticides.	1. "Bug Club" Meetings and Field Trips	Monthly in Spring and summer	Office & Field	Team members Ext. Entomologist, Leader
	2. Displays at the Farm Show	August	Culpeper Farm Show	6 members and Dept. Supt.
Better beekeeping management	1. Meet with Madison Bee Club	Monthly	Madison	Members & Agent

PROGRAM OR PROJECT: FORESTRY

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Teach members purpose through practical experience in forestation	1. Two clubs planting projects- 500 Loblolly and 700 Locust	March	Local Farms	Members, Land-owners, Co. & District Foresters, Agent
	2. Individual members projects- 700 pine	March	Local Farms	Members & Parents

- ProblemS: 1. Too few members over 12 year old.
2. Follow up not adequate

PROGRAM OR PROJECT: ELECTRIC

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Train members to have a more practical and workable knowledge of electricity and its uses.	1. Electric Training School (members 12 and under)	Feb. (Bi-Weekly)	Office Aud.	13 members, Adult Leaders Professional Ldrs.
	2. Electric Training School	March (weekly)	Office Aud.	15 members Adult leaders Prof. leaders
	3. County Electric Demonstration contest	April	Office Aud.	Sr. Members
	4. Make lamps	Special Meeting- April	Office Aud.	Electric members and leaders
	5. Two delegates to Electric Congress	August	Richmond	Exhibit Committee Winners & Agent
	6. Exhibit at Electric Congress	August	Richmond	Exhibit Committee
	7. Tour and Picnic	July	County	Members & Leaders
	8. Four county winners	Nov.	Achievement Day	Winners
	9. District Electric Demonstration contest	May	Front Royal	Boy & Girl co-winners and Officials

- Problems: 1. Members don't retain enough instruction to perfect their working knowledge of tractors and equipment in care and maintenance.
2. Lack skill in handling tractors and equipment.

PROGRAM OR PROJECT: TRACTOR

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Train members to have a better knowledge of tractor maintenance with follow up on application.	1. District tractor Clinic	Jan.	Culpeper	Leaders and Agent
	2. 4-H Tractor School	Feb.-Mar. (5 consecutive Mon. nights)	Local Tractor Dealers	Jr. and adult leader instructors Hosts and mechanics 20 members
	3. Summary meeting (films and Trac-Tic-Tac-Too)	March 27	Office Aud.	Members & Leaders
	4. District Tractor Banquet	April 6	Warrenton	Leaders, a member and Agent
	5. County tractor driving contest	April 8	Culpeper	Members & Officials (Leaders)
	6. District Tractor Driving Contest	April 22	Culpeper	Members & Officials
	7. Awards for contest winners	April 8	Culpeper	Local Oil Distributors and Members
	8. Incentive - medals	November	4-H Achievement Day	Members and Donors

- problems: 1. Lack of working knowledge in riding - horsemanship and showmanship.
2. Awards program medal

PROGRAM PROJECT: LIGHT HORSE-PONY

<u>WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Trainers in horsemanship and showmanship	1. Instructions through Light Horse-Pony Club (talks, demonstrations, charts, and horse or pony.	Monthly (Third Friday)	Culpeper Agri. Ent.	Leaders, Resource People, members and Parents
	2. Training School	June-July (2 weeks)	Culpeper Agri. Ent.	20 members Leader instructors Mrs. Jack Young, Norman Fulcher, Jackie Bragg, Tom Jeffries Jeff Rankin
	3. All day rides	June-July	Rag Mountain	Members & Leaders
	4. Leader Meeting (to choose club sponsor & Dept. Head at Farm Show.	January	Office Aud.	Leaders
	5. Show	August	Culpeper Farm Show	Members & Officials
	6. Issue standards on Score Card	April	Monthly Meetings	Club Sponsor & members
Offeratives	1. Trophies and Ribbons	August	Culpeper Farm Show	Members and Local Business donors

PROGRAM OR PROJECT SWINE (cont'd)

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
	4. Trophies and Ribbons	August	Culpeper Farm Show	Members & Donors
	5. Medals	November	4-H Achieve- ment Day	Members & Donors
	6. Publicity	After Show and Sale		

PROGRAM OR PROJECT: SWINE (cont'd)

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
	3. Judging team	Mar. & Apr. (weekly)	On the Farm	Team and Agent
	4. District Judging Clinic	March	Local Farm	Arden Huff & Team
	5. District Judging Contest	April	Verona	Team & Officials
	6. Influence community with good breeding stock - Sears boar and sale of progeny	1961	Salem Dis- trict Countywide	Interested breeders
	7. Visit District Purebred Swine Sale	Feb.	Culpeper Agr. Ent.	Members and Con- signors
Members to do a better job in fitting and showing	1. Demonstration on same	August	On the Farm	Bobby Brown, jr. leader
	2. Tack bucket display	August	On the Farm	Bobby Brown, jr. leader
	3. Tour (members score each other)	June	Farm to Farm	Members
	4. Show	August	Cul. Farm Show	Members and Officials
Offer Incentives	1. Local sale of market hogs	August	Culp. Farm Show	Members & Leaders
	2. Sears Pig Chain	May (begin)	Salem District	61-62 members and Parents
	3. Sears Pig Chain Awards Dinner	July	Local Restaurant	60-61 Members

- Problems: 1. Participation is low in shows and sales
2. Poor judging and farrowing management

PROGRAM OR PROJECT: SWINE

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Train members to be better feeders and managers with good records.	1. Organize Swine Club.	May	Office Aud.	Members & Leaders
	2. Instructions through Swine Club (talks, demonstrations, films and charts)	May & August	Office Aud.	Members, leaders & Resource People
	3. Issue standard on a score card	Start of Project	Monthly Meeting	Club sponsors and junior leaders
	4. Visits (follow score card)	Monthly	On the Farm	Members and Agent
	5. Tour (market pig) members score each other	June	Farm to Farm	Parents, Friends, Members, leaders,
	6. Early purchase of No. #1 pigs for market	May	Local Herds	Members and Owner 20 members with 40 pigs
	7. Breeding and Farrowing - Sears Pig Chain	May (Begin)	Salem District	Members & Parents
	8. Tours (chain) members	July, Nov. & April	Salem District	Members & Officials
Members to increase in knowledge and type of production.	1. Demonstration - grade comparison	May 25	Culpeper Agr. Ent. (Feeder Pig Sale)	Members & Graders
	2. Talk - Performance Registry testing	July	On the farm	Fred Gordon, leader, & members

PROGRAM OR PROJECT: Dairy (cont'd)

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
4. Offer Incentives	1. Special privilege to purchase heifers	Sept.	Culpeper Holstein Sale	Members and Seller
	2. Club Picnic	June	Outdoor Living Area	Adult Leader
	3. Publicity	Monthly	Radio & Newspaper	Members
	4. Trophies and Ribbons	August	Culpeper Farm Show	Members & Donors
	5. Medals (4)	November	4-H Achieve- ment Day	Winners and Donors
	6. State 4-H Achievement Record	April	Blacksburg	4 Sr. members Judges
	7. Members choose club sponsor who will head department at FarmShow	Jan.	Monthly Meeting	Members and Leaders

PROGRAM OR PROJECT: DAIRY (cont'd)

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Members increase in knowledge of type and production.	1. Demonstration on animal comparison	January	Local Dairy	Bob Houck "60 State Judging Team
	2. Judging team (1st)	Jan. & June (weekly)	Local Dairy	Team Members and Agent
	(2nd)	April & May	Local Dairy	Team Members and Agent
	3. Area Judging Clinic	March	Spotsylvania County	Team members and Bill Patterson
	4. Talk on D.H.I.A. testing	January	Monthly Meeting	Hartsel Hawkins, tester
	5. Talk on Artificial Breeding	December	Monthly Meeting	Carl Mann, Technician
	6. Select good heifers (5)	April & Sept.	Local Herds Spec. Sales	New members, owners and Leaders
	7. Hoard's Dairyman Judging Contest	March	Monthly Meeting	All members
	8. District Dairy Judging Contest	April	Harrisonburg	Team and Officials
	9. State Dairy Judging Contest	June	Blacksburg	Team and Officials
10. Visit local sales	April & Sept.	Orange Culpeper	Sr. Members	

- Problems:
1. Poor management
 2. Sloppy fitting & Showing
 3. Dull on type and production
 4. Lack quality

PROGRAM OR PROJECT: DAIRY

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Train members to be better feeder and managers with good records.	1. Instructions through Dairy Club (talks, demonstrations, films, charts)	Monthly 3rd Wed.	County office aud.	Leaders, Resource people and members
	2. Issue standards on a score card.	January	Mo. Meeting	Club sponsor and Jr. Leader
	3. 40 members	For '61	County-wide	Members (old and new)
	4. Visits (follow score card)	Bi-monthly	On the Farm	Members and Asst. Agent
	5. Tour members score each other.	June	Countywide	Members, parents, leaders, Friends
Train members to do a better job in fitting and showmanship	1. Demonstration on same.	May	Farm	Jr. Leaders (Joe Houck Bobby Hawkins)
	2. Tour (members score each other)	June	Countywide	Members
	3. Tack Box demonstration.	March	Office Aud.	Charles Harlow (Jr. Leader)
	4. Shows	July	Piedmont Hol. Black and White	2/3 of the members
August		Cul. Farm	3/4 of the members Show	
Sept.		No. Va. Dairy	1/2 of the Members Show	
	Sept.	State Fair	1/4 of the members	

PROGRAM OR PROJECT: Baby Beef (cont'd)

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
5.	4-H State Achievement Record	April 1st	Blacksburg	2 sr. Members
6.	Club Picnic	August	Outdoor Living Area	Gimbels and other leaders
7.	Members choose club sponsors who will head Department at Farm Show.	January	Monthly Meeting	Members & Leaders

*Special award -Champion Steer feeder and manager trophy. Result of tour scoring by members given by local business.

PROGRAM OR PROJECT: Baby Beef (cont'd)

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Members to increase in knowledge of type and production.	4. Tack Box demonstration	Jan.	Monthly Meeting	Kenneth Whitlock, Junior Leader
	5. Talks on cleanliness, cooling, and sanitation	May, June & July	Monthly Meeting	Leaders
	1. Demonstration - Comparison of animals	September	Farm	Beef Leaders and Members
	2. Judging Team	March & April (Weekly)	Farms	Team Members and Agent
	3. District Judging Clinic	March	Local Farms	Arden Huff
Offer Incentives	4. District Judging Contest	April	Verona	Team and Officials
	5. Talk on R.O.P. (Breeding Management)	November	Office Auditorium	BCIA President and members
	6. Select Choice and Fancy Calves	September	Local Herds	Leaders, Herd Owners and Members
	1. Local sales	April & August	Culpeper Farm Show	Steers owned by members; sponsor - Culpeper Chamber of Commerce
	*2. Trophies & Ribbons	April & August	At the Shows	Members; local Business Donors
3. Publicity	Monthly	Radio & Newspaper	Members and Buyers	
4. Medals (4)	November	Achievement Day	Winners and Donors	

- Problems: 1. Lack Finish by Show Time.
 2. Sloppy fitting and showing
 3. Wrong attitude toward awards

PROGRAM OR PROJECT: Baby Beef

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Train members to be better feeders and managers with good records.	1. Instruction through Beef Club (talks, demonstrations, films, charts)	Monthly	Co. Office Auditorium	Leaders, Members, Resource people
	2. Issue standards on a score card.	Beginning or Project	Monthly Meeting	Club sponsor and Jr. Leader
	3. Tours - members score each other	December & March	Countywide Farm to Farm	Members, Parents, Leaders, Friends
	4. Early purchase of calf	Sept.	Local Herds	Members & Herd owners
	5. Visits	Monthly	On the Farm	Members & Asst. County Agent
	6. To members	For 1961	Countywide	Members
Train members to do a better job in Fitting & Showmanship	1. Demonstration on same.	March	Farm	Jr. Leader Whitlock Bros.
	2. Tours - members score each other with tack box on display.	December & March	Countywide Farm to Farm	Members
	3. Shows - Feeder & Fat Steers and Heifers	April	Farm Show Grounds	All members with projects
	Fat steers and Heifers	August	Farm Show Grounds	All members with projects
	Heifers	April	Middleburg	All members with projects

PROGRAM OR PROJECT:

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Jr. Leadership in major 4-H projects	1. Through active County Council and Honor Club	1961	County-wide	Jr. Leaders
Sponsor 5-County-wide events:				
a. National 4-H Club Week	1. 12 newspaper articles, 4 radio tapes, 20 posters, Share-the-Fun Contest (25 acts), and a window display.	March 4-11	Countywide	Members and Jr. Leaders
b. 4-H Sunday	Vesper Services Emphasis on Heart H	May	Mt. Run Lake	County Council chaplain and club chaplains, Guest Speaker and members
c. 4-H Picnic	Recreation - ball games, swimming, food	July	Tea Room	Adult & Jr. leaders and members
d. Culpeper Farm Show (Jr. Department)	Exhibits Event participation	Aug. 28- Sept. 2	Culpeper Agr. Ent.	Dept. Heads and Supt.; Members
e. 4-H Achievement Day	Awards program, contests, and speaker	Nov.	Culpeper Agr. Ent.	Members, Jr. Leaders

PROGRAM OR PROJECT: 4-H IN CULPEPER COUNTY

<u>DO WHAT</u>	<u>HOW</u>	<u>WHEN</u>	<u>WHERE</u>	<u>INVOLVE WHO</u>
Train members in: Character, citizenship, leadership, responsibility, developing skills, and learning by doing.	1. Group instruction, individual contacts, judging teams, contests, shows, countywide events, projects, etc.	1961	Culpeper County, Camps, Short Courses All Stat Conf.	Members, Leaders, friends, resource people, Ext. Agents
Edit a Year Book	1. Through active County Council and Honor Club	Nov.	Countywide	Year Book Com. and agent
4-H articles to Head, Heart, Hands & Health	"	1961	State 4-H Paper	Reporter of County Council
Set up five 4-H Welcome Signs	"	1961	#522, #15 #3, #29	Sign Committee
Send leader to Natural Bridge Leaders Conference	"	Nov.	Natural Bridge	Delegate
Distribution and sale of 100 "4-H Club Member Lives Here" signs.	"	1961	Countywide	Sign Committee
Distribute seed for Wildlife Seed plot plantings	"	April	Countywide	25 members
Submit eight 4-H State Records	"	April 1	Blacksburg	Sr. Members
Parliamentary Procedure Class	"	Oct.	Office Aud.	New Officers

VIII. 4-H CLUB WORKSituation

An active 4-H County Council composed of all club officers head up the county 4-H program. They meet in the fall and spring to make the overall 4-H plans for the year.

Active Junior leadership participation pivots from the Honor Club for work in project groups as the Electric, Tractor, Dairy and Beef, and also in arranging and carrying out of the big five county-wide yearly 4-H events--Share-the-Fun Contest, 4-H Sunday, 4-H Picnic, Culpeper Farm Show and 4-H Achievement Day.

The 224 boys and 6 girls enrolled in 459 projects attend 9 school clubs which meet monthly. The Senior Club meets at night. The Beef, Dairy, and Light Horse-Pony Clubs meet monthly. The Electric and tractor project groups meet for two months during the course of their project in January and February. The Swine project group meets monthly--May and August, and the "Bug" Club meets monthly - June - September.

of the major problems

Goals and Methods

1. Members of the Youth Council will help correlate the youth program and suggest areas of improvement.
2. Youth committee members will Council with high school seniors concerning college life and more formal education.
3. Youth Council members will discuss the 4-H situation with school officials. At present all clubs meet in school during school hours except the Senior High School Club.
4. Youth Council members will help conduct the Interstate Exchange of Senior 4-H members with Massachusetts this July.

VII. MISCELLANEOUS

Goals

1. Assist with Farm Show - last week in August. Work with catalogue and rules committee.
2. Give technical and specialist assistance to organizations in county and attend D.H.I.A., A.B.A., Feeder Calf, Va. BCIA, and Agricultural Enterprises meetings when possible.
3. Cooperate with A.S.C., F.H.A., S.C.S., Va. Forest Service, F.F.A., Public Health Department, Soil Conservation District Board, and other professional organizations in joint projects.

V. FORESTRY

Situation

Over 43% of the land area in Culpeper is covered by forest and the products sold account for about 1.1% of the farm products sold. About 50,000 acres of this forest is on farms of which about 20% is grazed.

Goals and Methods

1. Organize an afternoon Forestry Tour in November and before November 20th. Arrange to see Gladfelters plantings at Lignum, Martin's 1953 plantings and thinning, and Lindsay's 1939 plantings.
2. Work with Forester and A.S.C. in publicising information on forest thinning, planting and poisoning growth, etc. Submit at least four news articles this year.
3. Invite local forester to explain practices on at least three radio programs in 1961.
4. Explore the possibility of organizing a Forestry Club in Culpeper County. Contact Ed Gill for assistance.
5. Plan at least two 4-H tree planting demonstrations in the areas needing forestry improvement most.

VI. YOUTH

The Culpeper 4-H program is expanding each year as more adult leaders are taking an active part in leadership. Special interest clubs, such as the Light-Horse-Pony, have added much more scope to the youth program.

An Adult Youth Council was organized three years ago to correlate the youth work. Adequate adult leadership is still one

changed from small farm flocks in the last five years. A modern egg grading plant has been established in the county. Only a few turkey and broiler producers are included in the Culpeper poultry industry.

Goals and Methods

1. Since problems in marketing eggs seemed to be of major importance in the county at present, a meeting of all egg producers be scheduled for January. R. D. Stewart, chairman of the Extension Poultry Committee, to preside with Cecil Rogers and Denver Bragg invited to present information. Major problems in marketing to be presented for action as the members see fit.

2. Representatives of the Culpeper poultrymen will meet with groups from Orange and Madison counties to plan an area Poultry School to be held in March and in the fall if necessary. Area Schools seem more feasible because of the low attendance to county schools.

3. Sponsor a tour of layer facilities in the York, Pa. area this spring. Poultrymen would like to observe operations with high bird density and equipment required for this job.

4. Mail all county poultrymen the monthly published circulars --"Peep and Moo"; "Poultry Pellets," and the quarterly "Poultry Hints."

5. Devote one weekly radio broadcast and newspaper article every two months to poultry.

3. Hold a meeting this fall at the Culpeper Enterprises when the Extension vet will discuss diseases of beef cattle, hogs, and sheep and the control programs, especially the transfer from one type of livestock to the other.

4. Work with Fred Gordon and James Dyer in planning an out-of-state tour in November or December.

5. Work with the Feeder Pig Association to increase numbers and quality at the six sales this year. Increase numbers from 500 to 800 head per sale.

6. Contact all eligible beef men and encourage more enrollment in the R.O.P. program, at least three new herds in 1961.

7. Turn all financial and advertising work of the feeder calf association sales over to the Association treasurer. Help to improve the three organized calf sales and yearling sale held each year in Culpeper.

8. Hold a Western Ewe Sale in May or June if sufficient numbers warrant after a survey.

9. Prevent livestock information on the weekly radio broadcast and newspaper column at least once each month.

IV. POULTRY

Situation

Egg production has doubled in the last five years and stands at over 1,000,000 dozen at present. Poultry accounts for over 10% of the value of agricultural products sold in Culpeper County. Most of the layers are in flocks of over 1,000 birds at present and have

10. Work with the dairy leaders on the Culpeper Farm Show, The Black and White Show, and the Northern Virginia 4-H Dairy Show.

III. LIVESTOCK

SITUATION

Livestock and livestock products account for 36% of the value of all farm products sold in Culpeper County. Hog, cattle and sheep numbers have increased during the last five years. Feeder lambs, calves, and pigs are the main sources of income with organized feeder calf and yearling sales in the county in addition to six feeder pig sales. The pig sales, started last year, are responsible for a marked improvement in management and quality of swine in the county.

Goals and Methods

1. Include a livestock section in the Culpeper Extension School to be held on each Tuesday night in February.
 - (a) Invite George Litton to speak on Factors in the Beef Cattle Operation.
 - (b) Ask Dr. Van Dresser to discuss Parasitism in Beef Cattle, Sheep and Hogs.
 - (c) Contact George Allen to speak on New Concepts in Sheep Production- Confinement, Early Weaning, etc.
 - (d) Have Roie Godsey speak on Feeder Pig Production.
2. Conduct a feeder pig management demonstration at a special meeting or before a feeder pig sale in the fall where correct practices in vaccination, castration, and feeding are demonstrated by a leader or breeder.

2. Hold a D.H.I.A. Herd Book Conference near the annual meeting time in February. Arrange for specialists to confer with a group of 5 to 10 dairymen at each of the two morning sessions. Hold annual D.H.I.A. meeting in Culpeper on February 15th and ask William Griffith to speak on E.D.P.M. records.

3. Hold barn milking clinics at three farms in the evenings during July and August. John Hunt and Dan Kite to pick farms and arrange for cows to be used. Mastitis prevention to be stressed. Invite community dairymen.

4. Conduct a dry cow management demonstration at Earl Hawkins' farm in February during the Extension School or in late fall. Have a dairy specialist point out correct practices and Mr. Hawkins discuss his management at an afternoon session. Invite all county dairymen.

5. Meet with the local vets and dairymen who have been using the program of monthly examinations in conjunction with their breeding program. Call a meeting in October or November of all county dairymen and relate their experiences on the herd health program.

6. Work with the three D.H.I.A. Associations and enroll at least two dairymen on the Owner-Sampler program this year.

7. Invite all local business men to dairy meetings and events instead of a Farm-City Week tour this year.

8. Devote at least one radio program and weekly news column to dairying each month.

9. Work with the committee to organize a Dairy Heifer Sale in the fall.

Griffith in the spring and hold meeting after harvest in November at the Culpeper Enterprises.

8. Continue the T.V.A. demonstrations on the two farms. Order fertilizer spring and fall.

9. Devote at least 10 radio broadcasts and newspaper columns to agronomy subjects.

II. DAIRY

Situation

Dairying accounts for 45% of the farm products sold in Culpeper County and has increased from \$2,290,000 in 1954 to \$3,305,000 in 1959. There are about 112 Grade A farms shipping to the Washington Milk Market. Milk cow numbers have decreased to 8,704 in 1959. About one-half of the cows are on D.H.I.A. and about two-thirds are bred artificially. In the last few years there has been a major shift to loose housing and automatic forage feeding.

Goals and Methods

1. Plan a dairy session in the Culpeper Extension School for each Tuesday night in February. The four classes to include:
 - (a) Dan Kite to conduct a class on dairy farm mechanization.
 - (b) William Griffith to speak on feeding cows in the barn.
 - (c) Professor Paul Reaves - Dry Cow and Heifer Management.
 - (d) William Patterson - Should I Raise Dairy Heifers in Culpeper County.

moisture corn.

- (d) Dr. Blaser to conduct a class on alfalfa varieties, diseases and fertilization. Each committeeman will explain the School in his community.

2. In an effort to take more soil samples, a kit of soil sampling supplies will be given to each of the six Ruritan Clubs in the county. These include two soil tubes, boxes, sheets, two display charts, and a soil map. These clubs will place these supplies in convenient locations for use in their community and handle as they see fit.

3. Work with the committee to place 8 demonstrational corn management plots in the county. Submit soil samples and other management requirements to Bob Gray. Hold a leader responsible for each plot.

4. Conduct a community soil school in each of the six communities in early fall. G. R. Epperson to discuss management of the local soils at a one-half day session in each community.

5. Hold a silage, hay and corn show in October if season permits. Have the local banks sponsor the prize money.

6. Conduct a box supper meeting in February or March for all seed and fertilizer dealers and their employees. Ask Bill Lewis to discuss the current recommendations at this session.

7. Hold a silage or hay clinic this year similar to the silage clinic held last year. Contact the agronomist and William

products sold. About 400 farms have less than 100 acres and 490 farmers have income of family exceeding the value of farm products sold. Efficiency in crop and livestock production is still a major problem and is closely connected with the adjustment mentioned above.

1. AGRONOMY

Situation

About 13,356 acres of corn were planted last year with 8,946 acres of grain and 4,321 acres for silage. Alfalfa acreage increased to 5,328, and clover and timothy to 11,682 acres. Small grain acreage has decreased and crop yield in all cases has increased over 1954. The forage program on most farms have improved and the county won a plaque the last three years for work done in forage production.

Goals and Methods

- i. Include an agronomy session in the Culpeper Extension School to be held each Tuesday night in February.
 - (a) Ask Allen Kates to speak on weed control in corn, hay and pasture - include atrazine and quackgrass control.
 - (b) William Lewis to conduct a session on management of pastures, fertilization, varieties, weed control, grazing, etc.
 - (c) Dr. H. L. Dunton to discuss the use of fertilizers and lime or varieties of corn, silage and use of high

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1961 PLAN OF WORK FOR CULPEPER COUNTY

Culpeper County has a total population of 15,088 residing on the 248,960 acres. The 853 farms cover 68.4% of the land with an average of 199.7 acres per farm valued at \$33,368. Approximately 46% of the farm income is from dairy products; 36% from livestock; 10% from poultry; 6.6% from field crops; and 1.1% from forest products.

SITUATION CHANGE

The number of farms has decreased from 1128 since 1954; the farm size has increased and the value of land and buildings has doubled since 1954. Cattle, hogs, chicken and sheep numbers have increased in the last five years. More and better quality feed is being fed in spite of the drought in the late summer.

EXTENSION ORGANIZATION

The Culpeper Extension program is planned by farm leaders and representatives of county agriculture agencies.

Plans for the year's work are made in January by the committees for Livestock, Dairy, Agronomy, Poultry, Forestry and Youth Work. These committees discuss their plans later at the Extension Board of Agriculture where all county leaders and organizations are represented

MAJOR PROBLEMS

Our major problem is still the adjustment that needs to be made to hold farm income with smaller margins of profit on agricultural

VIRGINIA

AGRICULTURAL EXTENSION SERVICE

PLAN OF WORK

for

CULPEPER COUNTY

Roy F. Heltzel, County Agent

Mason H. Hutcheson, Asst. County Agent