

1959

PLAN OF WORK

MADISON COUNTY

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INDEX

	<u>Page</u>
Madison County Committees	
Situation and Overall Goal	1
County Organization	2
Diagram	
Agronomy	3
Corn	5
Small Grain	6
Hay and Pasture	7
Dairy	9
Horticulture	10
Livestock	12
Beef Cattle	12
Sheep	13
Hogs	14
Poultry	15
Forestry	15
Bang's Disease	16
Major County Problems	16
General Educational Activities	17
Miscellaneous	17
Farm and Home Development	19
4-H Club Section	20
Situation	20
County Council	22
Honor Club	22
Project Work	24
Calendar of Events - Assistant County Agent	28
Calendar of Events - County Agent	30

MADISON COUNTY

1959 COMMODITY COMMITTEES

AGRONOMY

J. A. Gentry  
C. F. Blankenbaker  
N. E. Lohr  
Culton Goodall  
A. M. Montgomery  
Mayo C. Berry  
L. A. Weaver  
L. W. Kipps  
Elvin Graves

BEEF CATTLE

Geo. F. Ashworth  
Douglas Tucker  
R. W. Yowell  
Carlyle Crigler  
Otis Bowman  
J. H. Berrey  
Pendleton Lohr  
Marvin Corbett

DAIRY - Grade A

A. Martin Macy  
Russell Lohr  
D. S. Hill  
Carlton S. Jones  
J. T. Williamson  
Sidney Coates  
Oscar Kennedy

DAIRY - Grade B

Clay Penn  
Horton Mahanes  
Lewis Lacy  
Everett Yowell

FORESTRY

Garland J. Kidd  
John M. Fray  
L. W. Kipps  
F. D. Kidwell

HOGS and SHEEP

Hume Lillard  
Carl Tappy  
Lawton Blankenbaker  
R. E. Walker

HORTICULTURE

Cecil Coppedge  
Elvin Graves  
Bobby Graves  
John W. Jenkins  
G. D. Shotwell  
John Coates

POULTRY

Stewart Miller  
Egbert Witherow  
Lee Twyman  
Mrs. Walker Hood  
Mrs. Carl Tappy  
Clay Penn  
Wayne Jones

FARM and HOME  
DEVELOPMENT

Mrs. George Weaver  
Thomas Weaver  
Culton Goodall  
A. M. Montgomery  
Mrs. Elvin Graves  
Cecil Coppedge  
Mrs. Walker Hood  
R. W. Yowell

FEEDER CALF SALE

Carl Tappy  
Carlyle Crigler

YEARLING SALE

Russell W. Yowell  
N. E. Lohr  
Lawton Blankenbaker  
Theodore Jenkins  
Otis Bowman  
Carlyle Crigler  
C. K. Rhodes, Jr.  
Culton Goodall  
Roy Strickler

## 1959 PLAN OF WORK FOR MADISON COUNTY

### SITUATION

This is a rural county comprising 325 square miles with a population of 8,273. The 1,068 farms average 124.1 acres. Madison County has 54,215 acres in Woods and Wasteland; 46,881 in Pasture; and 52,799 in Cropland. Approximately 600 families make the greater part of their living from farming. The temperate climate is especially well suited to pasture, feed, and fruit crops. Major sources of income are derived from beef cattle, sheep, hogs, dairy, poultry, and fruit. The broiler and finished cattle businesses have gained considerably in size and importance the last few years. There are no railroads, but highways leading to excellent markets are good. Electric and telephone lines blanket the county and provide top service.

The low net farm income is the county's real problem at present. This is partially due to the price-cost squeeze, but is also affected by such factors as units too small for the particular operation in which engaged - in efficiency in other cases. Many operations need to be increased in scope, while others need to add brand new enterprises. All need to review their labor situation. Increased care and caution must be practiced everywhere. Lack of farm facilities, capital, and interest will make it impossible for some to adjust. Off-farm work fairly closeby should be provided for them.

### OVERALL GOAL

Encourage Madison County people to recognize needs and furnish enthusiasm for stimulating interest and a conscientious desire for working out solutions for themselves, thus making possible a more prosperous and pleasant community in which to live.

## COUNTY ORGANIZATION

GOAL - Maintain present Madison County Agricultural Extension Service Board. See diagram.

### METHODS

1. A representative of each of these groups will meet once during the year and present accomplishments of previous year and list plan of work for current year.
  - A. This group will also consider matters pertaining to any phase of agriculture and/or rural living.
  2. Entire board to meet only when group representatives cannot satisfactorily handle matters.
  3. Continue already operating commodity committees.
  - A. As vacancies occur on board new members will be selected on basis of knowledge, interest, and ability to represent people in area.
  - B. Definite planning work to be outlined by each group.
    - (1) Wherever possible each group to meet with state specialists in order to coordinate county program with overall state program.
    - (2) When schools, demonstrations, and similar functions are planned, details will be worked out by committeemen.
    - (3) Professional workers in county to be invited to attend meetings of interest to them.
    - (4) Committee activities to be published where desirable.
  4. Overall educational program for all commodity activities to be conducted through:
    - A. Method and result demonstrations.
    - B. All day schools using state specialists, local farmers, visiting county agents, and commercial representatives as speakers.

MADISON COUNTY AGRICULTURAL EXTENSION SERVICE  
BOARD

COMMITTEES

Agronomy  
Livestock  
Dairy  
Horticulture  
Forestry  
Poultry

F & H DEVELOPMENT  
FOOD PRODUCTION  
& PROCESSING

4-H ADVISORY COMMITTEE

COUNTY  
H. D. COMMITTEE

4-H COUNTY COUNCIL

PROGRAM  
DEVELOPMENT  
HEALTH  
CITIZENSHIP

D. H. I. A.  
Yearling Sale  
Feeder Calf Sale  
Artificial Breeders  
Association  
Wool Pool

Farm Bureau  
Rochelle Grange  
Burnt Tree Grange  
Brightwood Ruritan  
Young Farmers Club

12 4H Clubs  
Baby Beef Club  
Honor Club  
All Star Chapter

12  
H. D. Clubs

THE PEOPLE  
WHERE PROGRAM DEVELOPMENT BEGINS

- C. Personal visits by agents and specialists.
- D. Office and telephone visits.
- E. Weekly news articles and radio program.
  - (1) Tape recordings "on the spot."
- F. Tours and field meetings.
- G. Personal and circular letters and cards.

#### AGRONOMY

##### SITUATION

A system of good land use and a contour farming system is now in force on many farms but much is yet to be done. A large acreage of potentially fertile land should be drained. Probably in acres, bottom-land farming needs to be intensified. Pasture, forage, and crop supplies need to be kept in line with livestock increases. The use of lime has dropped off seriously during the last few years due largely to the grave difficulty of transporting across mountains. The Extension-sponsored bin unloading setup in Orange is helping remedy this situation. Much educational work needs to be done to explain new setup to general public. Corn, almost 100% hybrid, is fertilized fairly well; small grain fair; alfalfa hay fair to good; other hays fair; pasture poor. Farm supply dealers eager to cooperate in a program of mutual benefit to all concerned.

##### LONGTIME GOAL

Farm each farm so as to make a livelihood for family, yet in a manner to conserve maximum soil and water.

##### METHODS

1. Conserve maximum soil and water and increase crop yield by farming sloping fields on contour and in alternate strips of hay and row crops.

Use fields of great slope for pasture and/or permanent hay even though it means putting bottomland in corn continually.

2. Keep all dealers and key employees in area supplied with latest information on lime, fertilizer, and seeds as recommended by VPI Agronomy Department.

3. Promote widespread use of soil sampling as a guide in determining soil needs. All ASC samples to be returned to county agent for recommendations for lime and fertilizer and then back to farmer.

4. Continue program started year before last to push use of liquid nitrogen. Set up demonstrations where needed.

#### SHORT-TIME GOAL

Keep all dealers and farmers advised of recommended agronomic practices. Work out details of getting soil survey party started in Madison County.

#### METHODS

1. Hold clinic for seed and fertilizer dealers and professional workers with a member of the VPI Agronomy Department to instruct for the purpose of obtaining latest research information.

A. Meeting to be held in February.

2. Add agronomy section to all beef and dairy meetings.

3. Agronomy tour in July.

A. To work with Farm Bureau Federation, Grange, and Ruritan Club.

B. Use VPI specialists Kates, Lewis, and Fenne.

4. Work out all details in connection with getting soil survey party started.

A. Use committee composed of A. M. Montgomery, N. E. Lohr, and L. W. Kipps.

5. Recommend use of soil tests.
  - A. Arrange to have all ASC samples go through this office.
  - B. All out effort to increase use of soil survey.
6. Seek cooperation of all professional workers, dealers, and commercial representatives.

#### CORN

SITUATION - 7,500 acres plowed for grain, 4,500 for silage - an increase of 1,000 acres over 1958. Ninety-nine per cent to be seeded to hybrid.

#### PROBLEMS

1. Need for more silage and corn for grain.
2. Poor stands.
3. Extra fertilizer, particularly nitrogen, needed on many farms.
4. Weeds and grass.
5. Increasing insect damage.
6. Excessive cost per bushel cost (and per ton) on most farms.

GOAL - Increase corn for grain and silage by 500 acres each. Improve plant stand on 100 farms.

#### METHODS

1. Use an all out educational program to stress value of corn as feed, and facts as to how to actually produce cheapest possible bushel and/or ton.
  - A. Newspaper, radio, posters, and corn displays in country stores and in fertilizer stores during April.
2. Check plant stand on 50 farms.
  - A. Have farm owner and/or operator assist.

3. Continue to use 6 strategically located farmers throughout county to report on insects, Japanese Beetles in particular.

A. Committee to be composed of Jack Graves, D. S. Hill, Frank Bruce, J. E. Hawkins, Marvin Corbett, and N. E. Lohr.

B. The idea is to improve timing of sprays.

4. Continue weed control demonstration, adding Simazin.

A. Demonstration at Jack Graves', Hume Lillard's, and Carlton S. Jones'.

5. Include corn visit on agronomy tour.

6. Work closely with Piers Woodriff (200 acres trying for record yields).

7. Cooperate closely with dealers in that they stock following corns:

Short Season - VPI 426, US 13

Full Season - VPI 648, DeKalb 630, US 505, Funk's C-134

Silage - US 505, US 578

#### SMALL GRAIN

SITUATION - The lack of moisture and early freezes have the present small grain crop in poor condition. Oat acreage up to 4,000 with a 50-bushel yield. Needs to be increased, particularly so some can be cut for hay.

GOAL - Give individual attention to requests and make spot visits to be of help in getting the present crop of oats straightened out. Increase acreage by 500 and maintain yield.

#### PROBLEMS

1. Many farmers still do not appreciate real feed value of oats.
2. Low yields, particularly in barley.

3. Lodging on fertile areas.
4. Prevalence of insects in stored grain.
5. Disease.
6. How to determine just when and how to thresh Hudson barley.

#### METHODS

1. Use "hard" sell campaign to get story over as to real value of oats as feed.
2. In order to determine just when to thresh Hudson, the agent will observe time and method of combining at Graves Brothers and N. E. Lohr's.
3. Get "job done" on when and how to control bin insects. Work particularly close with dealers.
4. Cooperate closely with dealers so as to insure their handling only recommended varieties.

#### HAY and PASTURE

SITUATION - Dry weather and a hard winter has greatly reduced stands planted in the fall of 1958. Fescue growing in popularity. Great need for increased alfalfa acreage and yield per acre. Spring alfalfa usually not nearly so successful as that planted in fall. Rotational grazing needs to be increased. Increased use of fertilizer a must on highly stocked farms. Quality of hay improving but has far to go. Thirty hay conditioners in use in county.

#### PROBLEMS

1. Much of last fall's stands must be "redone."
2. Much poor quality hay being made.
3. High cost of producing hay.
4. Too little fertilizer being used.

5. Rotation pasture must be "pushed."
6. High cost of obtaining stands.
7. Prevalence of chickweed and insects.

PASTURE GOAL - Continue 3 rotation pasture demonstrations and add three. Use one as part of agronomy tour.

HAY GOAL - Initiate program so as to improve hay quality by 10% on Grade A dairy farms. Work individually with spring alfalfa seeders. Get out 300 tons of heptachlor fertilizer for weevil control.

METHODS

1. Secure list of all farmers signing for ASC alfalfa payment and others purchasing alfalfa seed and give individual help.
  - A. Should prove particularly helpful in determining why spring alfalfa has seldom been successful here.
2. Widespread campaign to get farmers to check status of fall seeded stands and information on how to "re-do" same. Particular emphasis to be given role of fertilizer.
3. Quality hay promotion.
  - A. Section of Grade A dairy meetings on quality hay.
  - B. Publish facts on part hay conditioners are playing in this.
  - C. Display hay samples around county with appropriate posters.
  - D. Drop-by farm visits in interest of good hay.
4. Continue to use insect "spotters" as an aid in timing sprays.
5. Work closely with dealers initiating use of heptachlor fertilizer for weevil control.
6. Continue plant food demonstrations.

- A. Continue practice of taking farmers and dealers, in carload lots or singly, by to see these demonstrations that are the last word in pasture management.
7. Include pasture and hay demonstrations on tour.

## DAIRY

### SITUATION

Dairy cattle numbers have increased since the latest census figures which show 4,187 cows and 5,184 heifers on 933 farms. One hundred thirty two selling milk with 45 Grade A shippers. Efficiency high on Grade A farms, low on Grade B and cream shippers' farms. Grade A operations increasing scope and improving loafing facilities.

### GOAL

Have all dairy cows Bangs tested during 1959 and raise butterfat by 10 pounds on Grade A farms.

### PROBLEMS

1. Grade A dairymen not doing best possible job in raising heifers.
2. Too high percentage of cows on both Grade A and B herds not being bred artificially.
3. Grade B operation most inefficient.
  - A. Herd size small - 5 cows.
  - B. Cows poor producers.
  - C. Management practices poor.

### METHODS

1. Hold minimum of 3 Grade A functions.
  - A. February - All Day Dairy School
  - July - Family Picnic
  - September - Management Tour
2. Continue calfhood vaccination program and complete Bangs test

of all dairy cattle using "McLearen" plan. Push TB tests too.

3. Continue to use the following Grade A setups as model demonstrations: A. Martin Macy, Doane; Weaver, "swanky" setup; J. M. Gibbs and George Lohr, minimum cost operations. Following as Grade B setups: Lewis Lacy and Sidney Coates.

4. Continue to hold "come as you are" sessions as problems of mutual concern come up throughout year.

5. Flood Grade B people with management tips, particularly at annual meeting.

6. Join with all fieldmen and others endeavoring to help dairymen.

#### HORTICULTURE

##### Situation

Forty-seven orchardists but only 3 have hugh holdings. Peach plantings increased from 29,000 to 49,000 as of 1956, while apples have increased from 44,000 to 48,000. Indication seems to be for even more peach plantings. Processors getting 35% to 40% of the entire crop. All orchardists receiving and using VPI spray cards.

##### PROBLEMS

1. Far too high percentage of fruit going to processors.
2. Need for better timing of sprays.
3. Many orchards have varieties that no longer sell well.

##### Short-time Goal

Move 10% of fruit from processors to fresh fruit market. Use only the recommended varieties for the new plantings.

METHODS

1. Continue longtime organized Madison County Fruit Growers Society for the purpose of:

A. Determining local fruit problems.

B. Sponsoring educational meetings and demonstrations.

DECEMBER - Line up VPI specialists for individual help on pruning.

JANUARY - Annual State Horticultural Society meeting.

FEBRUARY - Area Fruit School in Washington, Virginia.

APRIL - "What to Expect in Insect and Disease Situation"  
Dr. B. L. Bobb and Fred Dreiling

MAY (15) - Peach Thinning. . . . . Ed Phillips  
Situation-Disease and Insects..... Dr. A. B. Grove

(to be held as twilight meeting at Coppedge's)

JUNE (15) - Situation--Disease and Insects..... Dr. Jack Rollins  
Crop Estimate..... Fred Dreiling

SEPTEMBER - Harvesting Techniques (if deemed necessary)

As in past, all speakers are to survey local situation before appearing at program.

2. Cooperate with others involved in the peach variety test at Mrs. Fred I. Coates'.

A. Hold twilight meeting at harvest time, if possible.

3. Use following committee for site selection requests: Dreiling, Phillips, Jack Graves, Cecil Coppedge.

4. Growers are to channel requests through county agent's office.

A. Requests to be turned over to Ed Phillips who will be in county each Tuesday during growing season.

## LIVESTOCK

### SITUATION

Cattle numbers still increasing since 1954 census which showed 990 farms with 5,820 cows and 4,315 bulls and steers. About 82 calves going to market from each 100 cows. Calves bought or kept and sold for yearlings also increasing. About 1,500 steers in feedlot. Efficiency fair to good in overall beef management.

### PROBLEMS

1. Only 82% of cows producing calf for sale.
2. Parasites.
3. Inferior bulls in use on far too many farms, as well as poor producing dams.
4. Some farmers not practicing calfhooed vaccination nor testing cows for Bangs Disease.
5. About 10% of calves dropped during "off" season.
6. Entirely too high a percentage of calves grading medium or lower.
7. Inferior heifers kept as replacements.
8. ~~Mo~~ silage needs to be substituted for all hay ration on many farms.

### GOAL

Set up 4 more BCIA herds. Complete Bangs test of all beef cows.  
Set up spring feeder calf sale.

### METHODS

1. Have Madison Committee work with similar committees from Culpeper and Albemarle in setting up a spring feeder sale at the Culpeper Pavilion on April 16.

2. Participate in 2 Orange-Madison feeder calf sales.
3. Continue Madison Yearling Sale.
4. Bangs test all beef cows.
5. Continue "Operation Bangs" - calfhood vaccination.
6. Hold finished cattle clinic in December with VPI animal husbandmen, state graders, and local feed companies cooperating.
7. Expand BCIA program.
  - A. Hold field meetings on 3 farms while grading is being done.
  - B. Get an extra large number of farmers out to observe ROP bull test at Culpeper Pavilion and Sale scheduled for April 2.
8. Continue all out promotional campaign to "sell" beef cow owners on desire for having calves of high quality dropped during early December through March.
  - A. Stress value of quality program.
  - B. Stress 4-month breeding program.
  - C. Stress overall management.
9. Continue bull buying committee to assist farmers buying bulls.

#### SHEEP

SITUATION - Census shows 63 farmers with 1,400 ewes. Management fair.

#### PROBLEMS

1. Rather poor quality ewes and rams on some farms.
2. Parasites.
3. Lamb crop small in some areas.
4. Market difficulties.

GOAL - Work with United Wool Growers or some such farmers organization in an attempt to straighten up wool marketing problems.

METHODS

1. Join group of wool growers for discussions with United Wool Grower officials regarding market difficulties. This would include growers from surrounding area.
2. If this fails, make necessary arrangements to sell local wool direct to mill.
3. Management tips to be sent to sheepmen throughout year.

HOGS

SITUATION - 8,000 hogs on 772 farms, according to census. Two make-shift hog parlors in operation, two brand new setups under construction. Sixty per cent of hogs are meat type.

PROBLEMS

1. Three out of 10 hogs still failing to reach market.
2. Inferior sows and boars used on about 40% of farms.
3. Parasites and other management errors.
4. Need for a hog contract truly suitable to farmers.

GOAL - Hold successful hog tour featuring latest in management techniques.

METHODS

1. In interest of proper hog management, hold hog tour in February.
2. Continue to stress need (through all educational outlets) for raising efficient meat type hogs and procuring top hog management.
3. Give attention to individual requests for hog assistance.

## POULTRY

### SITUATION

With the exception of our 150 hatchery flocks that remain at a constant 280 hens each, our poultry flocks are either growing much, much larger or becoming only a home flock.

### PROBLEMS

1. Hatchery flocks too small.
2. Few commercial outlets for eggs.

GOAL - to answer all individual requests and give assistance to hatcheries, feed suppliers, and all others helping with poultry production.

### METHODS

1. Work closely with local hatcheries and feed concerns operating in area.
2. Stock all building plans and give individual attention to requests.
3. Use model setup at the following places as demonstrations to take other interested poultrymen:

Broiler-----Ed Dejarnette

Commercial Eggs-----Kiblinger  
Wayne Jones

Hatchery Flock-----Mrs. Walker Hood

## FORESTRY

SITUATION - Interest in forestry growing both as to the marking of trees and the planting of trees, but entirely too slow.

### PROBLEM

1. Lack of interest on part of farmer

GOAL - Plant 100,000 trees and continue to plug for the tree plantings and overall forestry improvement and management.

METHODS

1. Continue to cooperate with Virginia Forest Service.
  - A. Accept all requests for forestry assistance and turn over to local forester as far as practical.
  - B. Provide office space in agent's office.
  - C. 4-H tree plantings.
2. Work with ASC in their forestry practices, always encouraging the expansion of such practices.

BANGS DISEASE

SITUATION - Countywide Bangs test now underway. "Operation Bangs", our local program for calfhooed vaccination, also still functioning first rate.

GOAL - Complete Bangs test on all cows in county.

METHODS

1. Continue "Operation Bangs."
2. Provide leadership for getting countywide test completed.

MAJOR COUNTY PROBLEMS

As has been stated on page one, the county's major problem is, without question, a shortage of income. In order to initiate a positive program of increasing income, the following action will be taken:

1. Plan two mass meetings to discuss financial status and how to improve situation.
  - A. Background data showing present conditions will be presented along with speakers from the commercial egg and hatchery flock industry, cress production,

forestry, dairy and livestock fields. Each commodity speaker will have 20 minutes and will then make themselves available to answer questions on an individual basis. The second meeting will include speakers on other prospective money-making programs, as well as from the State Chamber of Commerce on the place of industry in Madison County.

- B. Others to come from VPI and the commercial field.
- C. Every effort will be made to secure perfect cooperation of the Grange, Farm Bureau Federation, and Ruritan Club.

#### GENERAL EDUCATIONAL ACTIVITIES

Additional educational activities will be in the form of newspaper articles in the "Madison County Eagle", radio talks over WJMA in Orange, demonstrations, tours, home visits, judging team workouts, and personal and circular letters.

#### MISCELLANEOUS

1. Give sufficient publicity to location and progress of any and all demonstrations mentioned in this plan of work throughout season to encourage farmers to observe practices carried out and methods used.
2. Work closely with home agent so as to coordinate farm and home programs.
3. Cooperate with and assist the following agencies whenever possible: FARMERS HOME ADMINISTRATION, VIRGINIA FOREST SERVICE, FEDERAL LAND BANK AND PRODUCTION CREDIT ASSOCIATION, AGRICULTURAL STABILIZATION AND CONSERVATION, SOIL CONSERVATION SERVICE, and FUTURE FARMERS OF AMERICA.
  - A. Send notices of meetings, visits of specialists, and new information from Extension Specialists and Experiment Stations.

4. Cooperate with all commercial concerns when and wherever possible.
5. Work closely with agents of adjoining counties on problems of mutual interest.
6. Cooperate with any and all groups endeavoring to serve Madison County people - March of Dimes, Cancer Crusade, Fire Company, Civil Defense, etc.
7. Publish weekly column, "Visiting With Your County Agent", in the Madison County Eagle.
8. Present radio program over Station WJMA in Orange on first, third, and fifth Tuesdays at 12:30 p.m.
9. Explore possibilities of holding "Madison County Agriculture Open House" in fall of 1959. Purpose will be to place on exhibit, largely through local tours, samples of advancement made in all phases of agriculture. Grange, Farm Bureau, and Ruritan Club will be asked to sponsor and work up details on the different phases. VPI specialists and commercial representative will be asked to give full support.

## FARM and HOME DEVELOPMENT

SITUATION - Farming at a profit is most difficult for all now, particularly for our Farm and Home Development families whose operations are smaller than average. Little work as such has been done on this program since Alvin Denton resigned. At the time of his resignation he had done some work with 23 families.

### GOAL

Start work again with those of the original 23 families that are interested and possibly add more.

### PROBLEMS

1. Low income due to small volume and poor production and marketing techniques.
2. Many of these farms need supplemental income.

### METHODS

1. Personal visits will be the principal means of trying to achieve goals.
2. Record keeping will be encouraged, VPI Records where practical.
3. Attendance at all Extension endeavors and participation in overall county Extension Program will be urged.
4. These families will be used as demonstrators if and when the occasion presents itself.

4-H CLUB PLAN OF WORK - 1959

SITUATION - There are 12 organized 4-H clubs in Madison County with an enrollment of 164 boys. The 9 junior clubs meet monthly meetings during school hours; the 3 senior community clubs hold 11 night meeting a year in homes of the various club members. The 4-H County Council, Honor Club, and the newly organized 4-H Advisory Committee serve as the backbone of the county organization.

GOAL - Assist in the development of boys and girls into useful and desirable citizens.

<u>Member</u>	4-H ADVISORY COMMITTEE	<u>Term</u>
Sidney Coates		1 year
William Price		2 years
Culton Goodall		2 years
Mrs. Jean Yowell		1 year
Mrs. Jean Gallihugh		2 years
Mrs. Elizabeth Touroud		2 years
Bobby Jenkins		
	President, Honor Club	

PROBLEM I.

Need to make the existing 4-H program more effective in reaching, assisting, and developing the individual club member. More personal assistance.

GOAL I.

Have a minimum of 6 active community leaders by 1960

RECOMMENDATION I.

Leaders in each community to be selected by 4-H'ers. Have a leader training and result meeting each fall. Present leaders with a Leaders' Kit of information concerning projects and activities. Leaders visit each boy twice during the year, one time with agent.

PROBLEM II.

High percentage of dropouts between 7th grade and the senior community clubs. Need to hold senior 4-H club members.

GOAL II.

Increase the percentage of 4-H club members in the grades from 55% to 60%; senior 4-H club members from 18% to 24%.

RECOMMENDATION II.

Use community leaders. Make 4-H meetings, especially the project work, best possible. More time to be spent on planning. More summer club activities. More and better planned recreation at senior club meetings. More tours for interested 4-H'ers, when possible, jointly with adults. Have social for 8th graders in fall and first meeting in September to be devoted to securing new senior club members. Future possibilities - 4-H Rifle Club, Pony Club, Hiking and Camping Club, Indian Relics.

PROBLEM III.

Low project completion.

GOAL III.

Increase member completion from 65% to a minimum of 75% by 1960.

RECOMMENDATION III.

Use adult leaders. Ask teachers to remind children to bring records. Take part of club meeting twice a year to check records and help fill out. Parent education through visits.

#### COUNTY COUNCIL GOALS

1. Set up 4-H Club yearbook.
2. Sponsor Achievement Program.
  - (a) plan program, refreshments, etc.
  - (b) awards to be presented to outstanding junior and senior clubs
  - (c) award gavel to club with largest percentage of parents present
3. Enter 4-H float in Madison County Day parade.
4. Have 2 County Council meetings - September and April.
5. Send delegate to 4-H Camp and help pay expenses.
6. Sponsor countywide picnic.
7. Have exhibit at Madison County Day.

#### METHODS

1. Meet with County Council yearbook committee in September to plan and organize yearbook.
2. Call meeting of appointed committee in October to make plans and arrangements for Achievement Program in November.
3. Meet with members of County Council in June to make plans for countywide picnic to take place in July.

#### HONOR CLUB OBJECTIVES

1. Have one or more socials.
2. Be of service to younger club members.
  - (a) project work
  - (b) record books
  - (c) contests
3. Secure more senior club members.

4. Seventy percent attendance at the 2 County Council meetings.
5. Sponsor National 4-H Club Week observance.
6. Sponsor Rural Youth Sunday service.
7. Have community project.
8. Send delegate to camp.

#### METHODS

Observe National 4-H Club Week March 7-14, 1959. Send letter to parents informing them of Madison 4-H Club Week activities.

March 7 4-H Radio Program 1:00 to 1:25 p.m. over WJMA Orange

March 9 4-H Tea for the mothers

March 10 Rehearsal for Share-the-Fun Contest

March 12 Share-the-Fun Contest

March 13 Special 4-H features in Madison County Eagle

March 14 Senior 4-H Dance with music by "Stardusters"

Rural Youth Sunday service on May 10, 1959. Meet with committee the first of April to plan program.

Honor Club Banquet, January 28, 1959, sponsored by State Bank of Madison. Formal and informal initiation of new members. G. H. Clark, District Agent, guest speaker.

#### 4-H Camps

District Camp July 6-11, 1959. (30 boys and 2 leaders attend)

Senior 4-H Camp - 4 boys attend.

Leadership Camp - 2 boys attend.

Conservation Camp - 2 boys attend.

## PROJECT WORK

SITUATION - Madison County 4-H'ers are currently enrolled in 19 different projects. Those of major interest are: Livestock, Forestry, and the Junior Broiler Contest.

Livestock Situation - 4-H'ers in Madison County are primarily interested in livestock projects, with Market Hogs, Baby Beeves, and Brood Sows making up the big three. Next in order are Dairy, Market Beef, Sheep, and Cow Herd.

### GOALS

1. How to select the desired type of livestock. Correct feeding and management practices. Importance of keeping records. Help develop responsibility and good sportsmanship.
2. Increase participation in area livestock shows.
3. Have a Livestock Judging Team in competition at Short Course. Make every effort to have a Dairy Judging Team.

### METHODS

1. At monthly 4-H club meetings, discuss the following: Breeds of Livestock; Selecting, Feeding, and Showing the Market Hog; How to Wean More Pigs per Litter; Care of the Dairy Heifer; and where interest warrants, "Prosper With Sheep."

Those enrolled in the Baby Beef project will receive training at Baby Beef Club meetings and 4-H visits. Baby Beef projects are to be judged on Management Practices during the first of January and prizes awarded the winners.

Visit and assist all 4-H'ers enrolled in livestock projects.

2. Assist 4-H'ers in selecting the right type of livestock at the right time. Inform well in advance as to the date and place of the various shows. Give the boys participating in these events a public "pat on the back" at club meetings and in the local newspaper.

3. Encourage interested, qualified club members to try out for the livestock judging team. Arrange workouts as time permits. Invite all 4-H'ers interested in dairying to a meeting the first of March to organize a Dairy Judging Team. Oscar Kennedy, local dairyman, to serve as leader.

#### FORESTRY

SITUATION - 58 boys enrolled in Forestry Appreciation  
5 boys enrolled in Tree Planting

GOAL - Increase 4-H'ers knowledge of the world in which they live and the value of forestry products. Teach 4-H'ers that there is a right way to manage woodlots and forests.

#### METHODS

1. Take 4-H'ers on a field trip during project work to identify trees.
2. Show leaf prints of common local trees.
3. Invite area forester, F. D. Kidwell, to answer questions and promote tree planting.

#### POULTRY

SITUATION - 11 enrolled in Junior Broiler Contest  
2 enrolled in Laying Hen project

GOAL - Instruct 4-H'ers in good poultry management and marketing practices.

METHODS

1. Devote a part of one project meeting to poultry management.
2. One of the area fieldmen, Jack Dawson, and the agent to visit all of the poultry projects in March and see that the 4-H'ers are properly prepared for their chicks.
3. Visit and check management practices regularly, keeping in touch with feed dealers and hatcherymen.

ENTOMOLOGY

SITUATION - 10 members enrolled.

GOAL - Acquaint 4-H members with life history, habits, prevention and control of the more common insect pests. Also provide an interesting project for boys living in small towns.

METHODS

1. Have 2 meeting in May - one after school and one on Saturday. First meeting to show how to make: Killing Jar, Insect Display Box, Spreading Board and Collecting Net. Second meeting: Field trip to collect insects and then mount them.
2. Follow through with 2 more meeting during the summer.

CROPS

SITUATION - 1 boy enrolled in Corn  
3 boys in Garden

GOAL - Interest more members in crop projects.

METHODS

1. Encourage 4-H'ers to enter their products in the Culpeper Farm Show.

2. Visit all 4-H'ers taking Garden projects during June.
3. See that every 4-H'er in this project receives available VPI information on gardening.

#### PUBLICITY

Publicity and other educational activities will be carried out through:

1. Circular and personal letters.
2. Radio talks over WJMA in Orange.
3. Articles in Madison County Eagle.

1959 CALENDAR OF WORK - ASSISTANT COUNTY AGENT

March:

Visit Broiler Contest Projects with Area Fieldman  
Organize Dairy Judging Team  
Observe National 4-H Club Week  
Livestock Judging Team Workouts  
    Carlton Clore - Angus Heifers, Suffolk Sheep  
    Culpeper - Area Judging School  
    Augusta - Area Judging School  
Complete 4-H Enrollment

April:

Livestock Judging Team Workouts - University of Maryland - All Breeds  
    Still House Hollow Farm - Hereford Cattle  
    J. H. Henshaw - Fat Lambs  
    Shen-Valley Weigh Station - Market Hogs  
Baby Beef Field Day  
Richmond Jr. Fat Stock Show - April 14  
Charlottesville 4-H Baby Beef Show - April 21  
Judge Sears Pig Chain  
Plan Rural Youth Sunday Service - Meet with Committee  
Select Hogs for Orange Area Hog Show  
4-H County Council Meeting

May:

Select Hogs for Orange Area Hog Show  
Float for Madison County Day  
Livestock Judging - District Contest  
Tractor Drivers Contest - Madison County Day  
Place Sears Gilts  
Junior 4-H Club Picnics  
Rural Youth Sunday Service  
Junior Broiler Contest - Dressing Date  
Entomology Meetings

June:

All Star Conference  
Short Course  
Plan Countywide Picnic  
Visit all Entries Orange Area Hog Show

July:

4-H Camp  
Countywide Picnic  
Visit Hog Show Entries  
Start Looking for Baby Bees  
Institute of Rural Affairs

- August: Extension Conference  
Culpeper Farm Show  
Orange Area Hog Show  
4-H Club Rural Electrification Congress  
Plan 4-H Club Meeting and Project Work for 1959-60  
4-H Adult Leaders Meeting
- September: 4-H County Council Meeting  
Leader Training Meeting - Prepare Information Kit  
Place Baby Beeves  
Social for 8th Graders  
Madison County Yearling Sale  
Meet with Committee to Plan 4-H Yearbook
- October: Plan Achievement Program  
Hike up Old Rag Mountain - Senior Clubs  
Check 4-H Record Book and Collect
- November: 4-H Achievement Program  
Annual Report
- December: Select Hogs for Richmond Spring Show  
Concentrate on Farm and Home Development  
Stress Use of VPI Farm Records
- January: Honor Club Banquet and Initiation  
Concentrate on Farm and Home Development  
Start Work on Plan of Work
- February: Plan for National 4-H Week Observance  
Plan Share-the-Fun Contest  
Concentrate on Farm and Home Development  
Keep Close Check on Sears Sows  
Complete Plan of Work

PARTIAL

1959 CALENDAR OF WORK - COUNTY AGENT

April:

Work with Bangs Control Program  
"Buttercup" Weed Control Demonstration - Rock Hill Farm  
Establish 2,4-D Weed Control Demonstration on Corn Plots  
in 3 areas (All to include pre-emergence, post emergence,  
and Simazin)  
Orchard Meeting - Grafting, Sprays, "What to Expect in  
the Way of Problems in 1959"  
Alfalfa Weevil Control Visits  
4-H Baby Beef Shows - Richmond and Charlottesville  
Set up VPI 639 Corn Hybrid Demonstration  
ROP Bull Sale at Culpeper  
Beef Research Field Day at Front Royal  
Sign up Animals for Spring Feeder Sale in Culpeper  
Cancer Crusade  
Set up Stilbestrol Demonstration in Cooperation with College  
(60 head at Graves Brothers)

May:

Orchard Meeting  
Sign up Yearling Steers for Fall Sale  
Alfalfa Weevil Control Visits  
Begin Checking Stands of Corn  
Continue Work with Bangs Control Program  
Publish "Timely Tips" for Farmers  
Work out Details of Where and When to Market Wool  
Farm and Home Visits

June:

Continue Checking Corn Stands  
Bangs Control Program  
Wool Pool  
Initiate Grain Insect Campaign  
Orchard Meeting - Late Sprays and "Cros Guess to Date"  
Drop in Visits in Interest of Quality Hay  
Farm and Home Visits  
Poultry Tour

July:

Agronomy Tour  
Check Corn Stands  
Bangs Program  
4-H Camp  
Institute of Rural Affairs  
Grade & Dairy Meeting - Family Picnic  
Visit Orange Experiment Station with Farm Group  
Finish Checking Corn Stands

- August: 4-H Orange Area Hog Show  
Promotional Endeavors for Yearling Sale  
Inspecting Feeder Calves for First Sale  
Check Weed Control Demonstrations in Corn  
BCIA Tour in County, beginning at Claude Yowell's  
Drop in Visits in Interest of Quality Hay  
Extension Conference  
Alfalfa Seeding Visits  
Bangs Program
- September: Madison County Yearling Sale  
Inspect Yearling Cattle  
Orange-Madison Greene Feeder Calf Sale  
Orchard Meeting - Harvesting  
Dairy Meeting - Management  
Hold Stilbestrol Demonstration in Cooperation with VPI
- October: Inspect Calves for 2nd Feeder Calf Sale  
Bangs Program - Including Vaccination  
Publish Timely Tips for Farmers  
Forestry Demonstration  
Farm and Home Visits
- November: Feeder Calf Sale - 2nd  
Chickweed in Alfalfa Visits  
Yearling Association Annual Meeting  
Make Plans for Fat Cattle Tour  
Pruning Demonstration  
Annual Report