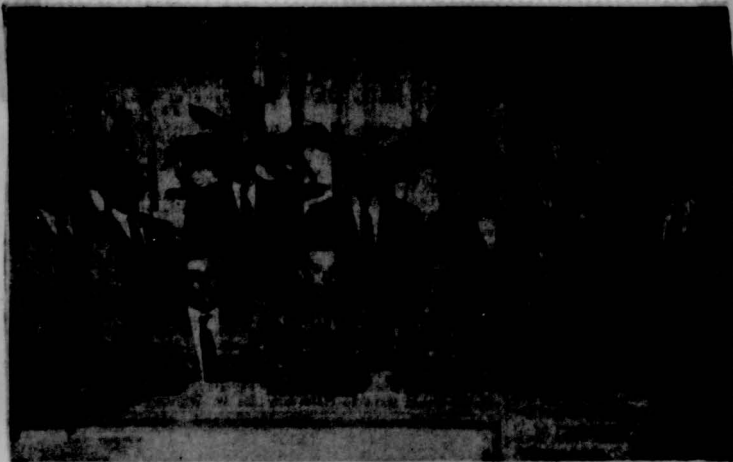




R. E. BLASER

R. E. Blaser, Professor of Agronomy, Virginia Polytechnic Institute, Blacksburg, Va. will address the Agronomy Meeting, to be held today at the Woodstock Christian Church on the subject "Growing and Using Silage". Mr. Blaser, who will speak at 1:15 p.m. is the father of Dale Blaser, Assistant County Agent for Shenandoah County.



OFFICERS AND DIRECTORS attending the annual Shenco Breeders, Inc. dinner and meeting at the Valley Diner on Monday evening. Seated (l to r) John H. Williams, treasurer, Jack Fadely, president, Harry Bagnall, secretary, Ernest Keller, vice-president. Standing (l to r) Dr. William A. Tramm, director, L. L. Tussing, director, Cecil Fravel, director, George Miller, Fieldman, Virginia Artificial Breeders Association, William H. Logan, director, Fred Coffelt, Technician, Shenco Breeders, Inc., Kenneth Brill, director. — (Daily Photo By Woodstock Photo Shop)

Shenco Breeders Hold Meeting, Hear Reports

Shenco Breeders, Inc., an affiliate of the Virginia Artificial Breeders Association, Inc., held their annual meeting and dinner on Monday evening, January 18th, at the Valley Diner, north of Tom's Brook.

The meeting, well attended in spite of the inclement weather, was called to order by President Jack Fadely of Mt. Jackson.

Fred Coffelt, Technician for Shenco, advised the group that a total of 927 cows had been served during the year, 1959. This is an increase of 291 cows over the year 1958. 52 non-members and one new member was added to the rolls during the year.

The highlight of the evening was a talk by George Miller, Fieldman, Virginia Artificial Breeders Association, Rocky Mount, Va. Mr. Miller showed slides of the cows now being used by the Virginia Artificial Breeders Association, showing their background, the characteristics they were imparting to their sons and daughters and many interesting statistics of the past year. The Association expects to serve 75,000 cows in Virginia this year.

Harry Bagnall, chairman of the Nominating Committee, presented the names of Jack Fadely, Cecil Fravel and William H. Logan for election as directors for three years terms. This slate of directors was unanimously elected by the membership.

At a meeting of the directors following the meeting, Jack Fadely was re-elected president, Ernest Keller, vice-president, John H. Williams, treasurer and Harry Bagnall, secretary.



Staff Photo by Wandoch Photo Shop

DALE BLASER, Shenandoah County Assistant County Agent, briefs Jerry Hiner, Mt. Jackson (middle) and Landon Wetzel, Woodstock (right), before they left yesterday morning for Chicago, Illinois where they will attend the National 4-H Club Congress, November 23-December 2.

4-H Club Congress

Shenandoah Boys Off For Chicago

Two Shenandoah County 4-H Club members left yesterday morning for Chicago, Illinois, where they will attend the National 4-H Club Congress, November 23-December 2.

Jerry Hiner, a member of the Heems Valley 4-H Club, earned the right to go to Chicago by finishing first in the state in the 4-H Automotive, Safety and Maintenance project.

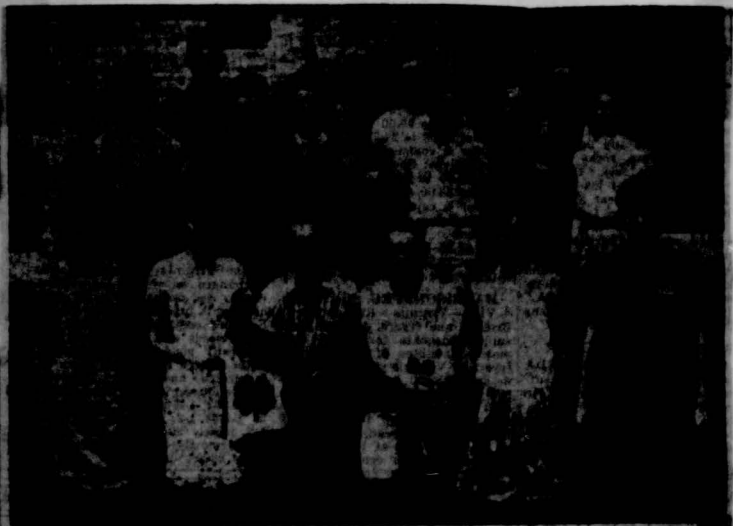
Landon Wetzel, a member of the St. Luke-Saunaville 4-H Club, being awarded the trip for finishing first in the state in the Field Crop project.

Their achievement records were based not only on the projects, also on leadership and personal development in character and citizenship.

Hiner, a son of Mr. and Mrs. Russell Hiner of Mt. Jackson, has been a 4-H member for the past six years. At the present time, he is president of his club, president of the 4-H Automotive Club and a member of the County 4-H Council.

Wetzel, a son of Mr. and Mrs. William Wetzel of Woodstock, has been a member of the St. Luke-Saunaville Club for the past eight years. He is a past vice-president of his club and is a member of the County Council.

Shenandoah County has earned the right to be proud of these two boys, it was the only county in the state with two state winners.



THESE YOUNG LADIES AND GENTLEMEN represented Shenandoah County at the 37th Annual 4-H Club Short Course at V.P.I., June 27-July 3. First row (1 to 7) Marlene Renaldi, Ann Renaldi, Len Wetzel, Larry Hoover, Anna Mae Swartz, Jo Ann Zirkle, Second row (1 to 7) Dale Dincer, Ann L. G. Appel, Bill Goodenour, Bill Bushong, Mrs. R. R. Renaldi, Jim Miller, Jo Ann Zirkle. Third row (1 to 7) Warren Zirkle, Nellie Wetzel, Harold Orndorff, Bill Swartz.

Shenandoah 4-H's Capture Honors

Shenandoah County has every right to be proud of the members of the County 4-H Clubs that attended the 37th Annual 4-H Club Short Course at V. P. I. on June 27 through July 2nd.

Winning honors for Shenandoah County at the Short Course were Bill Ann Renaldi, London Wetzel, and Bill Wetzel.

Miss Ann Renaldi, a member of the Mass. Market 4-H Club, was a top in the National 4-H Contest to be held in Chicago. As her award in the Style Dress Contest, Miss Renaldi, a graduate of Shenandoah High School, has completed the study of 4-H work. She has prepared over 100 garments; is president of the Shenandoah 4-H County Council and has served as assistant vice-president, recreation leader, secretary and reporter for the New Market Club.

London Wetzel, a member of the Luke-Saunville 4-H Club, has won a State Field Crop Winner; London has been a member of the St. Luke-Saunville Club for the past eight years. He has completed 27 projects, 27 of which dealt with Field Crops. He has received over 60 awards in 4-H Club work including various ribbons, trophies, cash awards

and many club and county offices.

Bill Wetzel will receive a trip to Kansas City for his Fourth Achievement Award. Bill, a member of the Luke-Saunville Club has been in 4-H work eight years. He is a past president of the Shenandoah County Council, past president, treasurer, recreation leader of his club and a member of the State Star Chapter.

Cecil Fravel, a leader of the Massanutten 4-H Club in Tomps Brook received a State 4-H Alumni Award. Mr. Fravel, a dairy farmer, is a past president of the P. F. the DHEA, Shenandoah Breeders Association and the Maur-Brook-Olive Breeding Club. He is also a Deacon of the United Church of Christ. Has served as president of the Church Board and Sunday School Superintendent.

London Wetzel and Anna Mae Swartz of the St. Luke-Saunville 4-H Club and Ann Renaldi and Warren Zirkle of the New Market 4-H Club received the highest honor that can be bestowed upon a 4-H Club member by being elected into the State 4-H All Star Chapter.

Other boys and girls attending the Short Course from the County were, Bill Bushong, Jim Miller,

Harold Orndorff and Bob Goodenour. There four competed for the State in the judging contest. They finished fourth as individual judge in the State. Wayne and Jo Ann Clark

participated in the "Share the Fun" contest. Marlene Renaldi competed in the Poultry Consumption contest. Alan Boyer competed in the Poultry Judging Contest and Jo Ann Zirkle was a delegate to the Short Course.

4-H CALENDAR LISTS MAJOR EVENTS FOR THE COMING YEAR

The following calendar lists the major county wide 4-H events that are scheduled to take place in Shenandoah County during the remainder of this year. Dates for special state or national events are also included.

MARCH — 1. Observe National 4-H Club Week, 2. County 4-H Club Square Dance, 3. Prepare Achievement Records for State Competition, 4. Hold first Automotive Club Meeting, 5. Trade Dairy, Poultry, and Livestock Judging Teams.

APRIL — 1. Continue to train Judging Teams, 2. Hold County 4-H Share the Fun Contest, 3. Automotive Club Meeting—"Your Responsibility As A Driver."

MAY — 1. Participate in District Poultry, Dairy, and Livestock Judging Contests, 2. Observance of Rural Life Sunday by all 4-H Clubs, 3. Announce Champion Junior 4-H Club for 1950, 4. Automotive Club Meeting—"Highway Safety" and "Car Keeping."

JUNE — 1. State All Star Conference at V.P.I. — June 17-19, 2. Send delegates to State 4-H Short Course at V.P.I. — June 20-25, 3. Hold County Softball Game, 4. Hold Area Senior Roebuck Pig Chain Banquet, 5. Automotive Club Meeting—"Know the Owners Manual."

JULY — 1. Hold County 4-H Club Picnic for members and parents, 2. State 4-H Club Conservation Camp, 3. Automotive Club Meeting—"Car Keeping and Principals of Internal Combustion."

AUGUST — 1. County 4-H Club Camp Powell's Fort Organizational Camp, 2. 4-H Electric Conventions at Richmond — August 24-26, 3. State 4-H Club Leadership Camp, Virginia Beach — August 25-27, 4. Shenandoah County Fair includes individual exhibits, livestock, poultry, and dairy program and 4-H livestock judging contest, 5. Automotive club meeting—"How the Transmission Works."

SEPTEMBER — 1. County livestock Sale following the Fair — September 3, 2. 4-H Adult Leader Training Meeting, 3. County All Star Meeting, 4. Organize Junior 4-H Clubs, 5. Automotive Club Meeting—"How the Tire Works."

OCTOBER — 1. County Club Meeting, 2. Collect contributions from all Senior 4-H Clubs, 3. Automotive Club Meeting—"Car Costs and Keeping Records."

NOVEMBER — 1. Hold County 4-H Achievement Program, 2. Automotive Club Meeting—"Boys Unit Two."

Many, many other 4-H Club events that are not listed in this calendar will take place in each club during the year.

If you are a boy or girl between the ages of 10 and 21, and wish to enroll in a 4-H Club, contact a local 4-H Club Leader or the County Agent's office in Weirstock.

Something I Have Learned in 4-H Workshop

By Jerry Miller

The fall before I was ten years old, I became a member of the Meema Valley 4-H Club. My brother had been a 4-H Club member and I had looked forward to the day I could become a member.

My first project was two baby lambs and a safety project. My leaders advised me to take projects that we felt sure I could complete. One of my first lessons learned was not to take projects too hard for me. Each year I added other projects and I have learned new lessons from each project.

As I learned more about the projects I started giving talks and demonstrations to my club and other civic organizations. Through this I learned to speak before groups without being afraid.

Through 4-H Club work I have learned the value of friendship. I feel I have learned to work and play with other boys and girls and to plan and carry out my own ideas. I have found that you can't always win but it doesn't hurt to try, I am always learning something new. I have learned that a good

friend and a good citizen always makes what he started and doesn't complain if the job is harder than he expected. I have learned through my 4-H experiences not to give up when things go wrong but to try and do better the next time.

My 4-H experiences have made it easier for me to meet people. I can speak before groups easier. I have learned that we can't all be leaders, some must be followers.

I have gained a personal satisfaction in working with other people and service to other people.

I have learned each year to try to make my "Best just a little better."

I have learned that 4-H work is really worthwhile. I always be grateful for the encouragement and time given me by my parents, leaders, and friends.

4-H Club Work as Seen Thru Eyes of A Club Leader

By Mrs. E. R. Hamada
4-H Club Leader, New Market

In this day of the push button, are many of our young people do not have enough to do to keep them busy and out of mischief. 4-H Club is one organization that corrects this, and gives the young people an opportunity to learn and do, through project work. Those projects enable them to do worthwhile things that will be used by them throughout life.

A balanced 4-H club program develops good quality citizens, useful and desirable citizens. 4-H does not save the world, but the program is so designed that it fits in with other work while trying to help make a useful citizen. 4-H means different things to different boys and girls. It takes different things to make a champion out of a boy or girl, but they are usually going to be happy. Recognition of their own involvement helps boys and girls have a feeling of security. There is also the spiritual side of 4-H and the recreational side, all of which help make a well balanced and interesting program for a 4-H boy or girl.

Through 4-H work boys and girls learn to meet people throughout the country and even from other countries and learn to share their experiences. Some years ago, during a panel discussion of International Farm Youth Exchange delegates, a boy from Scotland was asked if he knew why we Americans drank so much tea and he said "I don't know why, but I like it very much."

As leaders, our primary job is keeping a 4-H club headed in the right direction and having a good 4-H program. Some 4-H boys and girls reach higher goals than others, some have more ability, and some work harder than others, but they always have to climb the ladder of success through their own efforts. It is not what we do for them that is important but how we teach them to do things for themselves.

The boys and girls must develop appreciation for advice and leadership.

Mr. G. H. Clark, District Leader, commented on the value of 4-H in a speech given at the 4-H Leaders Conference. "Thousands of 4-H club members of the past and many of the present say to their leaders, 'You did it to me. I thought you were teaching me to feed a calf; now I know you were teaching me to be a man. I thought you were teaching me to make a dress, and you were teaching me to make a woman. I thought I went to camp, short course, and the meetings to have fun; you were teaching me to know, love and live with other people.'

Meaning of Slogan 'Learn, Live, Serve Through 4-H' Given by Council Pres.

By Ann Hamada, President, County Council of 4-H Clubs

During the "fabulous fifties," the decade from which we Americans recently emerged, an emphasis began being placed upon our national defense and upon the welfare of the citizens of our country. "It is extremely important to our defense," we were repeatedly told, "that each individual develop the qualities of good citizenship, and that he learn to live in peace and harmony with his fellowman."

Many adults, realizing the value of this advice, set out to improve the quality of citizenship among adults and to develop good citizenship among the younger generation. They have been assisted by the numerous organizations already established to serve America's future citizens, one of these organizations being the 4-H Clubs of America.

Bearing the motto "To Make the Best Better," more than 2,254,000 boys and girls each year become the best of citizens as they are trained by extension agents and volunteer leaders. They

exploire different vocational fields as they select various projects on which to work throughout the year. They are inspired by dreams of success and by the achievements of those who have preceded them. 4-H gives their ambitions a chance to be realized and the reward for their work, compensation for the failures encountered. They become acquainted with boys and girls from other parts of the state, the country, and even the world and learn of the qualities which enable men to live with his neighbor. They experience wholesome competition which prepares them to meet the competition in life.

This week 4-Hers are observing National 4-H Week with the theme "Learn, live, serve through 4-H." They are striving to become the future citizens of Great America can be proud the type of citizens who will be able to prevent world destruction through international understanding and domestic peace. They will be learning, living, and serving to make the best better.

Ass't. Co. Agent Gives Information On New Automotive 4-H Project

By Dale L. Blinn,
Assistant County Agent

GREETINGS TO 4-H CLUB MEMBERS FROM PRES. EISENHOWER

To 4-H Club Members:

Your theme for 1960, "Learn - Live - Serve through 4-H," reflects the high purpose of your organization and the broad concern of its leaders.

This changing world places new demands upon the spirit and abilities of our people. Therefore, the opportunities offered to 4-H Club members to grow in citizenship and in practical skills are especially valuable to them and to the Nation.

I hope the coming year will be rewarding both in your personal programs and in your personal efforts to become active, informed, and effective citizens.

Dwight D. Eisenhower

EXTENSION SERVICE STAFF THANKS FOLKS FOR 4-H WORK HELP

The Extension Service Staff in Shenandoah County who represent the Agricultural Extension Service of the Virginia Polytechnic Institute wish to express their appreciation to the many people who have donated their time and services to the 4-H Club Program.

The number of these people are so great and the type of service that they have rendered is so varied that it is impossible to recognize each of them individually. All of you can be assured that their cooperation, services, and time donated to 4-H Club work was most important to the development of character, citizenship and leadership within the individual 4-H Club members.

We wish to pay special thanks to the club members, their parents, and the voluntary leaders for their efforts that they have put forth in support of the Shenandoah County 4-H Club Program.

Carl Colson, County Agent
Walter F. Wotek, Home Demonstration Agent

Dale L. Blinn, Asst. County Agent
Lena Fabster, Secretary

4-H Club members of Shenandoah County who are 14 years old or over may participate in the new Automotive Project that is being offered to Virginia 4-H-ers for the first time. The project provides for a two-fold educational approach — The maintenance of the automobiles in safe operating condition and the development of good driving habits among youth.

The first project meeting, a study of the development of the automobile, for those 4-H boys and girls who are interested in participation in the project will be held in Woodstock on March 12. The group will begin to study the first of three units that are necessary to complete the project. The first unit will deal with the automobile engine, car costs, highway safety, driver responsibility and automobile care.

Representatives of the State Fidelity Insurance Companies, Automobile and Tire Dealers, Mechanics, and other individuals have agreed to support the project and help to provide subject matter on various phases of the program. Without the backing of these individuals the program would have little chance to become successful.

Whether the club member is a-hornt to become a driver or if he is already an experienced driver, the National 4-H Automotive Program will help him or her to save time, money and lives; earn awards such as Key Chains, Ties and Scholarships; and most important, to take part in club meetings, tours, exhibits, demonstrations, community safe driving activities, motor vehicle safety checks, skill driving competition and other 4-H events.

The project material, county, state and national awards will be made available by the Firestone Tire and Rubber Company.

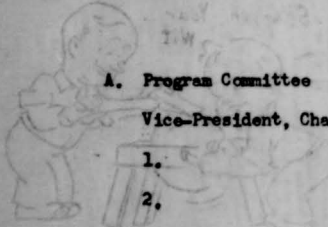
SECTION THREE
NEWSPAPER CLIPPINGS



GETTING INSTRUCTIONS — left to right Jerry Hiler, Albert Farrow, BEB Filer, Asst. County Agent Dale L. Hiler, Landon Wetzel, Eda Boring, Ann Smith, Jo Ann Childs, Elvina Larrick and Marlene Boush.

THE GROUP OF 4-H CLUB MEMBERS ASSEMBLED IN THE PICTURE ABOVE ARE RECEIVING pointers from Dale L. Hiler, Assistant County Agent, on assembling their State Achievement Record Books. Each year club members who have done outstanding project work submit their records to the State 4-H Club Contest in April at the Virginia Polytechnic Institute. These records give the history of the individual 4-H Club activities which include project work, business accomplishments and personal development progress. The ultimate goal of each 4-H Club member who submits a record book is to become a State Winner and receive a trip to the National 4-H Club Congress held in Chicago in the fall of each year. The next step and the highest award that can be received is to be recognized as a National 4-H Club winner in one's own project field. The State and District Achievement Winners are recognized at the State 4-H Short Course held in Blacksburg on the V.P.I. Campus in June of each year. Usually 5,000 boys and girls from all over Virginia participate in the Short Course activities each year. During the 10 days that they are living on the V.P.I. Campus they attend project classes, participate in exhibits and demonstrations, and enjoy recreation. Leisure time is spent making friends from all over the State.

LOCAL A-H COMMITTEES



A. Program Committee

Vice-President, Chairman

1.

2.

3.

C. Fair Committee

Chairman

1.

2.

3.

B. Community Project

Chairman

1.

2.

3.

D. History Committee

Chairman

1.

2.

3.

- NEWS**
- 100% members having individual exhibits at County Fair
 - Club exhibits at County Fair: Sat - 12, Sun - 10, Wed - 2
 - Display for National A-H Club Week
 - Operating fund life savings in clubs
 - For each Junior and Senior club in the County share the 1st program (10 - tenters, 10 - tenters -- points)
 - For having 10 demonstrations during the year
 - For exchanging demonstrations between A-H Club, Home Demonstration Club, or Civic groups (2 points each - 25 limit)
 - For club exhibits, financial contribution to County
 - President of October 1st
 - Presentation of Radio Program (10 points each - 30 limit)

Item	Points	Total
100% members having individual exhibits at County Fair	25	
Club exhibits at County Fair: Sat - 12, Sun - 10, Wed - 2	25	
Display for National A-H Club Week	25	
Operating fund life savings in clubs	25	
For each Junior and Senior club in the County share the 1st program (10 - tenters, 10 - tenters -- points)	25	
For having 10 demonstrations during the year	25	
For exchanging demonstrations between A-H Club, Home Demonstration Club, or Civic groups (2 points each - 25 limit)	25	
For club exhibits, financial contribution to County	25	
President of October 1st	25	
Presentation of Radio Program (10 points each - 30 limit)	25	
Having and using Monthly Program Calendar	25	
Accounting for Fellowship procedure	25	
Having orderly meetings	25	
Having organized recreation and programs	25	

SCORE OF POINTS

I. COMPLETION BY OCTOBER 1st

<u>Your Score</u>	<u>Points Given</u>	
_____	50	Boys Project Records
_____	50	Girls Project Records



II. COMPLETION BY NOVEMBER 1st

_____	25	Secretary's Book
_____	25	Reporter's Book
_____	25	History Book: 1st - 15, 2nd - 10, 3rd - 5
_____	25	Community Project: 1st - 15, 2nd - 10, 3rd - 5

III. ATTENDANCE RECORD

_____	50	100% of members at each meeting
_____	50	100% of members and parents at Achievement Program
_____	25	Four club officers and two club leaders at Business Council Meetings
_____	8	For each camper attending 4-H Camp (24 points limit)
_____	20	Active enrollment of 10 boys and 10 girls
_____	5	Each new member completing a project (25 points limit)
_____	10	For active boys adult leader
_____	10	For active girls adult leader
_____	25	Have Community Night with at least five guests

IV. ACTIVITIES OBSERVED

_____	30	Presentation of club program (6 meetings)
_____	50 (limit)	Entering Contests - <u>5</u> County Entry, <u>5</u> State Entry, <u>5</u> County Winner, <u>5</u> State Winner
_____	25	100% members having individual exhibits at County Fair
_____	25	Club exhibits at County Fair: 1st - 15, 2nd - 10, 3rd - 5
_____	25	Display for National 4-H Club Week
_____	25	Observing Rural Life Sunday by Clubs
_____	20	For each Junior and Senior entry in the County Share the Fun Program (10 - Juniors, 10 - Seniors -- points)
_____	50	For having 10 demonstrations during the year
_____	25	For exchanging demonstrations between 4-H Club, Home Demonstration Club, or Civic groups (5 points each - 25 limit)
_____	25	For clubs making financial contribution to County Treasurer by October 1st
_____	30	Presentation of Radio Program (15 points each - 30 limit)

V. CONDUCTING MEETINGS

_____	25	Having and using Monthly Program Calendar
_____	25	According to Parliamentary Procedure
_____	25	Having orderly meetings
_____	25	Having organized recreation and programs

4-H CLUB OBJECTIVES - 1960

1. Have projects completed by October 1st.
2. Each club have at least one Community Project completed and reported by November 1st.
3. Have County 4-H Achievement Program.
4. Each member attend and have at least one parent attend the Achievement Program.
5. Give outstanding Junior and Senior Clubs an award.
6. Have at least two County Council Meetings during the year.
7. Have at least three members from each club attend the Northern Virginia 4-H Club Camp. More may be sent if the quota is not filled.
8. Have County Leader Recognition Program.
9. Each club strive to increase enrollment over the previous year.
10. Have at least one Community Night.
11. Have a program committee in each club; work up a definite program for six meetings during the year.
12. Meet our allotted quota of membership and encourage members to participate in events that will lead to attendance at State Short Course.
13. Have judging contest between the club members in local clubs.
14. 100% club members have at least one exhibit at the County Fair (each member must prepare his own exhibit).
15. Each club have a booth at the County Fair if room is available and booth must be decorated by members only.
16. 100% membership of each club observe National 4-H Club Week and Rural Life Sunday.
17. Have a County Share the Fun Program. (Announce points to be judged for winners)
18. Have the County 4-H Club Picnic, and other recreational programs.
19. Encourage more individual demonstrations at club meetings, and before civic groups. (at least 4, 2 boys and 2 girls)
20. Each club stress honesty in carrying out all phases of 4-H Club Work.
21. Strive for better club relations throughout the County. (Joint recreation activities, etc.)
22. Recognize members who have attended 100% of 4-H Club meetings.
23. New members must attend three months regularly before added to roll.

OFFICE

ST. LUKE-SAUMSVILLE

WESLEY CHAPEL

President	Bill Gochenour	Charles Gochenour
Vice President	Doris Ann Walker	Beverley Folts
Secretary	Anna Mae Swartz	Joan Rutz
Treasurer	Wayne Brill	Billy Pifer
Reporter	Joyce Bushong	Wayne Bowers
Recreation Leaders	Landon Wetzel	Judy Swecker
	Carolyn Wetzel	Floyd Ryman
Song Leaders	Joan Rickard	Judy Hottle
	David Brill	Mary Jane Ryman
Leaders	Mrs. Edna Walker	Mrs. Cooper Bowers
	Mrs. Martha Gochenour	Mrs. Guy Clark
	Mrs. Glenn Funkhouser	Mrs. Paul Swecker
	Mrs. Herbert Walker	Mr. Jacob Gochenour
	Mr. Kenneth Brill	Mr. Nevin Rau
	Mr. Carl Feller, Jr.	Mr. Ford Pifer
		Mr. Ernest Ryman

ALL STAR OFFICERS

Chief	James Walker
Lesser Chief	Raymond Garber
Scribe	Mickey Good
Treasurer	Florine Gets
Reporter	Polly Halterman

The Virginia Chapter of 4-H All Stars was organized in 1922 at the State 4-H Club Short Course, Shenandoah County's first All Star was introduced into the State Chapter in 1930. He is Rodney Didawick. Since that time twenty-four girls and twenty-seven boys have been received into the State All Star Chapter from Shenandoah County. Our 1959 All Stars were: Regina Rau of the Wesley Chapel 4-H Club and William Wetzel of the St. Luke-Saumsville 4-H Club.

4-H CLUB OFFICERS

OFFICE

President
 Vice President
 Secretary
 Treasurer
 Reporter
 Recreation Leaders

 Song Leaders

 Leaders

FORT VALLEY

Barbara Burner
 Edwin Tamkin
 Nancy Grandstaff
 Robert Coverstone
 Margaret Skyles
 Alan Boyer
 Jimmy Skyles
 Virginia Burner
 Sandra Lichliter
 Mr. & Mrs. E. L. Boyer
 Mr. & Mrs. E. L. Skyles
 Mr. & Mrs. C. E. Grandstaff

HUDSONS CROSS ROADS

Donna Sager
 Gary Click
 Carolyn Ryman
 Rodger Baker
 Judy Frye
 Carolyn Crider
 Wayne Baker
 Carson Baker
 Glenma Crider
 Mr. & Mrs. Marlin Click
 Mr. Andrew Baker
 Mr. Elwood Baker

OFFICE

President
 Vice President
 Secretary
 Treasurer
 Reporter
 Recreation Leaders

 Song Leaders

 Leaders

MASSA NUTTEN

Albert Pravel
 Harold Orndorff
 Connie Crabill
 Patsy Haun
 Nancy Haun

 Mrs. Jack Hockman
 Mrs. Earl Rinker
 Mr. Cecil Pravel

MEEDS VALLEY

Donna Larrick
 Jerry Hiner
 Linda Wettersten
 Jane Rea
 Irene Rosen
 Patsy Sue Miller
 Fred Reger
 Susan Reger
 Wayne Clark
 Mrs. Russell Hiner
 Mrs. Warren Richardson
 Mrs. C. C. Rosen, Jr.
 Mr. & Mrs. David Good, Sr.
 Mr. C. M. Janney

OFFICE

President
 Vice President
 Secretary
 Treasurer
 Reporter
 Song and Recreation
 Leaders
 Devotional Leaders

 Leaders

NEW MARKET

Jo Ann Zirkle
 Gary Golladay
 Sandra Fishback
 Jimmy Jones
 Warren Zirkle
 Marlene Renalds
 Sandra Litten
 Phyllis Silvious
 Keith Zirkle
 Mr. & Mrs. R. R. Renalds
 Mr. & Mrs. Ashby Estep
 Mr. & Mrs. Ralph Golladay
 Mr. & Mrs. Clarence Zirkle

DATES AND EVENTS IMPORTANT TO THE SUCCESS OF OUR CLUB

December 7	County 4-H Council Meeting for Training Officers and Leaders and deciding County 4-H Goals.
December	Local 4-H Club Officer Installation Ceremony
January 16	4-H Club Officers Training School
February 1	4-H Club Leaders Training School
March	County 4-H Square Dance
March	National 4-H Club Week
March	4-H Achievement Records for State Competition
April	Share the Fun Program
April and May	District demonstrations, judging, and public speaking contests
May	Rural Life Sunday
June 17-19	State 4-H All-Star Conference, V.P.I.
June 20-25	State 4-H Short Course, V.P.I.
June	County Softball Game
July	County 4-H Picnic
July	State 4-H Conservation Camp, Camp Farrar
August	County 4-H Camp, Powell's Fort
August	State 4-H Electric Congress, Richmond, Va.
August 29 - September 3 ..	Shenandoah County Fair
August	County 4-H Livestock Judging Contest - Fair County 4-H Livestock Sale - Fair
September	Atlantic Rural Exposition
September	4-H Adult Leaders Meeting
October	County 4-H Council Meeting
November	County 4-H Achievement Program
November 27 - December 1 .	National 4-H Club Congress, Chicago, Ill.

LET'S MAKE THIS A BANNER YEAR FOR 4-H IN SHENANDOAH COUNTY

TO PARENTS AND LEADERS

We dedicate this book to the Parents and people who serve well as sponsor, organizational or project leaders.

You help us in many ways to plan and conduct an improved and expanding 4-H program.

We are sincerely grateful for the encouragement and other help which you are providing.

Shenandoah
County 4-H Council

LET'S MAKE THIS A BANNER YEAR FOR 4-H IN SHENANDOAH COUNTY

COUNTY EXTENSION STAFF

- County Agent J. Carl Coiner
Woodstock, Phone GL 9-3111
- Assistant County Agent Dale L. Blaser
Woodstock, Phone GL 9-3111
- County Home Demonstration Agent Sallie F. Wetsel
Woodstock, Phone GL 9-2741
- Extension Secretary Jane Painter
Woodstock, Phone GL 9-3111

We are eager to work with you. "To Make The Best Better" through 4-H.

VII. JUDGE CLUB SCORES OF POINTS AND OBJECTIVES

The following score of points and list of objectives are presented to each Junior LAF Club member at their first meeting which is usually in September. At the end of the club year, each club is scored according to the score of points and the Champion Junior LAF Club is presented a Plaque.

Score of Points:

1. Completed and turned into the Extension Agents at the April club meeting.

Points given --

- 25 Girls Project Record Books
- 25 Boys Project Record Books
- 10 Secretaries Minute Book
- 10 Reporters Clippings

2. Activities

- 25 Have 100 percent members attending Church on Rural Life Sunday
- 20 Have organized program at three club meetings
- 20 Observe National LAF Club Week
- 25 Have six demonstrations during the year

3. Conducting Meeting

- 25 According to proper parliamentary procedure (LAF Plaque and Song)
- 25 Having orderly meetings
- 25 Having 100 percent attendance at club meetings

Objectives:

1. Observe Rural Life Sunday.
2. Observe National LAF Club Week.
3. Have 100 percent of members completing projects by April club meeting.
4. Show honesty in carrying out all phases of LAF Club work.
5. Each club member strive to receive exhibits at the County Fair.
6. Have club well represented at each County LAF Club event.
7. Have at least two members attend the Northern Virginia LAF Club Camp in August.

VIII. SHERMANDEAN COUNTY LAF CLUB HANDBOOK

The material in the Senior LAF Club Handbook which follows was prepared at the December meeting of the County Council. Each member in Shermandean County received a copy of the handbook at the January meeting.

These awards were judged from Achievement Record Books that were entered in the State Contest from counties across the State of Virginia. The judges bore their decision on the Leadership ability, how each Club work has helped him to develop in character and citizenship and the quality of the specific project work such as Dairy, Field Crops, or Automotive Care and Safety.

B. District

The following District Awards were received by Shenandoah County 4-H Club members:

Name	Project or Activity	Awards
Clara Myers	Poultry	Trip to Poultry Federation Conf.
Alan Boyer	Poultry Judging	Second Place Ribbon
Robert Coverstone	Poultry Judging	Second Place Ribbon
Bill Pifer	Poultry Judging	Second Place Ribbon
Jan Miller	Dairy Judging	First Place Ribbon
Harold Oudersiff	Dairy Judging	First Place Ribbon
Bob Goodenour	Dairy Judging	First Place Ribbon
Bill Bushong	Dairy Judging	First Place Ribbon
Larry Boyers	Entomology	Scholarship to Short Course
London Wetzel	Field Crops	Scholarship to Short Course

C. County Awards

1. Danforth Award

The Danforth Foundation Award for the most outstanding Four Square 4-H Club Boy was presented to Jerry Hiser of the Weems Valley 4-H Club. The award was a book titled, "I Dare You".

2. County Electric Winner

Wagna Baker of the Hudsons Cross Roads 4-H Club received the County Electric Award and a trip to the 4-H Electric Congress held in Richmond, Virginia.

3. County Medals

Fifty-three county medals were presented to boys and girls who performed outstanding project work during the past year at the annual Achievement Program.

4. Outstanding Community 4-H Club

The Wealor Chapel 4-H Club received the Jaring cup for the outstanding Community Club in Shenandoah County. The Score of Points which determined the winning club is printed on page 7 of the Shenandoah County Yearbook.

The Grand Champion Steer was sold to Safeway Stores for \$51.00 a hundred weight.

Eighteen steers averaged \$31.70/Cwt.; five heifers - \$26.70/Cwt.; fifteen lambs - \$21.06/Cwt.; and nineteen hogs - \$19.59/Cwt.

Sixteen buyers participated and bought livestock from our sale.

The credit for the success of the sale is due to the local interest on the part of our buyers and the tremendous job that our Livestock Sale Committee under the leadership of Mr. Ernest Hyman was able to do.

D. Judging Teams

The Assistant County Agent trained three judging teams last year namely, Poultry, Dairy, and Livestock. The Dairy Team placed first in the District Contest and the Poultry Team placed second.

E. Automotive Care and Safety

A County-wide Automotive Care and Safety Club was organized in March with twenty-two very active L-H Club members participating. The club meets once each month for an hour and a half to discuss the safety and maintenance problems concerning the automobile.

VI. L-H CLUB AWARDS

A. State

Shenandoah County was most fortunate to receive six State L-H Club Awards. They were as follows:

<u>Name</u>	<u>Project</u>	<u>Award</u>
Jerry Miner	Automotive	Trip to Club Congress
London Wetzel	Field Crops	Trip to Club Congress
Ann Reynolds	Style Dress Revue	Trip to Club Congress
Bill Wetzel	Poultry	Trip to Poultry Fact Finding Conference
Mr. Cecil Fravel	Alumni Award	Bronze Plaque
St. Luke-Saunville	Community Development	(\$25.00 cash)

This is the greatest number of individual state contests that have been won in any one year by the L-H Club members in Shenandoah County.

This concludes the report on our twenty-three objectives for 1960. We believe that the club members under the constant guidance of their loyal leaders have done a good job during the past twelve months.

V. SPECIAL A-M PROJECTS

A. Swine

1. Sears Roebuck Pig Chain

The Sears Roebuck Pig Chain in Shenandoah County is in its eighth year of operation and it is presently located in the New Market Community Club.

During this past year the five Yorkshire pigs were raised by boys in the St. Luke-Sumerville A-M Club. The pigs were judged twice and the scores were as follows:

Name	Rank	First	Second	Average	Prize
		Sears	Sears		
Victor Serr	First	92	96	94	\$15.00
Fred Feller	Second	90	94	92	13.00
Richard Cochran	Third	87	94	90.5	11.00
Larry Richard	Fourth	89	91	90	8.00
Jerry Hyman	Fifth	85	(now died)		7.00

B. Baby Beef Projects

The Baby Beef Program in Shenandoah County is still going strong. Eighteen steers, four fat heifers, and three registered heifers were shown at the Shenandoah County Fair by Shenandoah County A-M Club members.

Jim Eastop was fortunate to show the Grand Champion and Reserve Grand Champion steers. C. C. Rosen III showed the first place fat heifer, and Jim Eastop exhibited the Champion Registered Heifer.

A Showing and Fitting Contest was held for the first time this year and proved to be very successful. Prizes were sponsored by the Shenandoah Production Credit Association.

C. A-M Livestock Sale

Each year all of the market classes of A-M livestock entries in the Shenandoah County Fair are sold at auction to the highest bidder. The sale took place at the Fair Commission September 3, 1960 at 10:30 a.m.

Fifteen entries competed for Junior and Senior awards. The Junior winners were: St. Luke-Sausville, Meems Valley, and Wesley Chapel all in respective order. New Market, Meems Valley, and Fort Valley were the respective winners of the Senior division.

R. Have the County L-H Club Picnic.

The County Picnic was held at Uncle Tom's Park on July 19, 1960. A small crowd of 160 people enjoyed the swimming and softball activities between the showers.

S. Encourage more individual demonstrations at club meetings and before civic groups.

With one exception each L-H club was entertained by the demonstrations performed by over ten different individuals within the club.

L-H Club members also gave many demonstrations to civic groups, garden clubs and church groups.

T. Each club stress honesty in carrying out all phases of L-H club work.

Each club member was encouraged to keep his own records, display his own exhibits, accurately report all L-H Club events and do his own judging in true L-H Club style.

U. Strive for better club relations throughout the county.

With the keen competition of various contests, the Score of Points and County-wide events, club members are urged to be good sports, play the game fair and take their losses with a smile. We encourage each club to send at least five members to another club and present five demonstrations during the year.

L-H Club members are also urged to express their appreciation to the many people in Shenandoah County which add to the success of the L-H Club Program.

V. Recognize members who attended one hundred percent of L-H Club meetings.

Those individuals who were present at every meeting during the past year were recognized at their November L-H Club meetings.

W. New members must attend meetings regularly for three months before they are added to the roll.

We believe that this is some incentive for a prospective club member to become interested in the L-H Program sooner and it protects a club from adding "dead wood" to the roll.

In most cases each club has enlarged their membership and passed the goal of at least ten boys and ten girls.

The largest group in the history of Shenandoah County 4-H Club Program won trips to the Short Course. Fifteen boys and girls and two Extension Agents made up the Shenandoah County Short Course delegation. Two additional boys also won trips to attend Short Course but they were unable to attend.

M. Have judging contest between the club members in local clubs.

Most of the judging contests for 4-H Club boys and girls took place at the Shenandoah County Fair and at the Corn, Egg and Grain Show. Additional judging contests should be established at the local club level.

N. One hundred percent of club members have at least one exhibit at the County Fair.

Two clubs had one hundred percent members participating in exhibits at the Shenandoah County Fair. Three clubs were very close to that mark and two clubs received only about fifty percent cooperation.

As a whole the youth exhibits in number and quality are improving each year.

O. Each club have a display booth at the County Fair.

All the clubs with the exception of one erected a display in a booth at the Shenandoah County Fair. First, second and third placings were as follows: Meems Valley, St. Luke-Seamsville and Wesley Chapel. The quality of displays were such improved as compared to last years.

P. One hundred percent membership of each club observe National Rural Life Sunday and National 4-H Club Week.

Every Community 4-H Club held a special program in a church in their community on Rural Life Sunday. The Rural Life Sunday Sessions were quite impressive and added much to the entire 4-H Program.

Each club observed National 4-H Club Week by erecting a display in a store window. It is felt that the method of observation of National 4-H Club Week should be improved this coming year.

Q. Have County Share the Fun Program.

The Shenandoah County 4-H Share the Fun Program was held at Central High School on April 27, 1960.

F. Have at least two County Council Meetings during the year.

The County Council has met three times during the last twelve months. A December meeting was held to elect officers, to determine objectives, the score of points, and select county-wide 4-H club activities for the year 1960.

A January meeting was held to train all new 4-H Club officers and an October meeting was held to make arrangements for the Achievement Program.

G. Have at least three members from each club attend the Northern Virginia 4-H Club Camp.

All 4-H Clubs were represented at Powell's Fort Camp with three or more members.

H. Have a County Leader Recognition Program.

A Leader Recognition Program as such was not held during the past year. However, the leaders were publicly recognized at the Share the Fun Program and the Achievement Program. Three training sessions were also held for the 4-H Club Leaders.

I. Each club strive to increase enrollment.

In most cases each club had a net gain of several members.

J. Have at least one Community Night Program.

The members in each Community Club entertained their parents and guests at a Community Night Program during the past year. Some clubs held a supper and others served refreshments. In all cases its programs were similar and included demonstrations, guest speakers and recreation.

K. Have a Program Committee in each club.

The Vice President of each club received information at the officers training meeting concerning program planning for twelve meetings in their clubs. The vice president served as chairman of this committee and in most cases an effective job of program planning was carried out in each club.

L. Meet our allotted quota of membership and encourage members to participate in events that will lead to attendance to State Short Course.

COUNTY AWARD DONORS

Achievement	Ford Motor Co., Dearborn, Mich.
Automotive	The Firestone Tire & Rubber Co., Akron 17, Ohio
Beautification of Home Grounds	Mrs. Charles R. Walgreen, Chicago, Ill.
Boys' Agricultural	International Harvester, Co., Chicago, Ill.
Boat	K. L. & F. Co. & Sons & Co., Inc., Wilmington 98, Delaware
Bread Donor	Standard Brands Incorporated, New York, N. Y.
Canning	Eastman Kodak Co., Eastman, N. Y.
Clothing	Woolmark, Inc., New York
Dairy	The Gilbey Corp., Chicago, Ill.
Dairy Food Donor	Woolmark Co., Los Angeles, Calif.
Electric	Westinghouse Electric Foundation, Pittsburgh, Pa.
Entomology	Keweenaw Powder Co., Wilmington, Del.
Field Crops	Aromatic Products Department of Allied Chemical Corp., New York
Food Preparation	Betty Crocker of General Mills, Minneapolis, Minn.
Forestry	American Forest Products Industries Inc., Washington, D.C.
Frozen Foods	Whitlock Corporation, Newburgh, Mich.
Garden	Allen-Culshaw Mfg. Co., Tractor Group, Milwaukee, Wis.
Boys' Securities	Montgomery Ward, Chicago, Ill.
Health	M&M Lilly and Company, Indianapolis, Ind.
Home Improvement	Rockwell Foundation, Chicago, Ill.
Industry	Edward James Wilson, Washington, D.C.
Insurance	General Motors, Detroit, Mich.
Manufacturing	Eastman Kodak Co., Eastman, N. Y.

PROGRAM

WILLIAM GOODRICH , Vice President of Shenandoah County 4-H Council, Presiding	
INVOCATION	Rev. Herbert and Emma Seger
WELCOME	Jerry Blair
BELL CALL	Joan Holt
PRESENTATION OF COUNTY AWARD	Charles F. Webb, Home Demonstration Agent
PRESENTATION OF BOYS AWARDS	Wale L. Blaser, Assistant County Agent
INTRODUCTION OF SPEAKER	Jane Roe "The 4-H Youth of Tomorrow" ... C. W. Janney
PRESENTATION OF AWARDS TO GRANTON JUNIOR AND SENIOR 4-H CLUBS	
STREET	William F. Webb
ANNOUNCEMENT	William F. Webb

ARRANGEMENTS
St. Luke-Sumerville
and Fort Valley 4-H Clubs

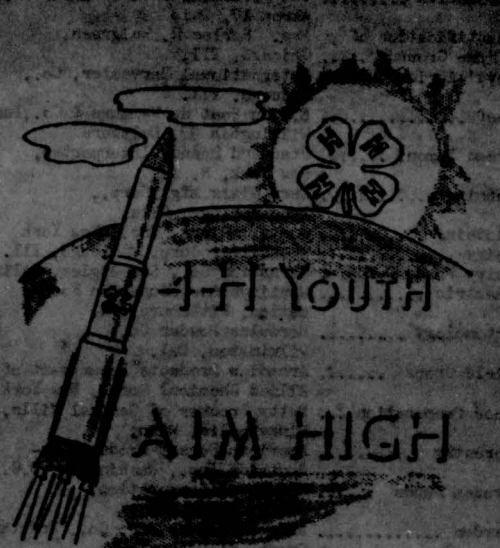
PLANS
New Market
4-H Club

PLANS
Bullock Cross Roads and Wesley Chapel 4-H Clubs

...
For when the one Great Center comes
To unite against your name,
My wishes not if you use or lose,
But how you played the game.

PLANS
I pledge my HEAD to clearer thinking,
My HEART to greater loyalty,
My HANDS to larger service,
My MOUTH to better living,
For my CLUB, my COMMUNITY, and my COUNTRY.

GENERAL HIGH SCHOOL
NOVEMBER 9, 1960



GENERAL HIGH SCHOOL
NOVEMBER 9, 1960
7:30 P.M.

A. Have projects completed by October 1st.

Thirty-two percent of the boys enrolled in projects satisfactorily completed and handed in their project manuals to the County Agent's office by October 1. This in itself is a marked improvement over last year, and shows the interest which the 4th boys in Shenandoah County have in their club work.

B. Each club have at least one Community Project completed and reported by November 1st.

Each Community Club carried out a Community Project during the past year.

Wesley Chapel was recognized as conducting the best program. St. Luke-Summitville and New Hopeport were recognized as second and third place winners.

Some examples of the Community Projects carried out in Shenandoah County are as follows: Clean-up, Fix-up, Carriage (doit with highway debris and mill boxes); maintenance and beautification of church and club house grounds; Support of the Blood Mobile Drive; preparing special plates and visiting the shut-in during Christmas and Hallowsm; presentation of three large first aid kits to Central High School; presentation of hymn books to church; landscape fund for Shenandoah-Jackson High School; and collecting books and establishing a library for a fifth grade room.

C. Each member and at least one parent attend the Achievement Program.

This objective was very successful as a very high percent of our Community Club members and their families were present at the 1960 Achievement Program.

D. Give outstanding Junior and Senior 4th Clubs an Award.

For the second straight year Wesley Chapel received the Champion Senior 4th Club Award, St. Luke-Summitville and Newns Valley received second and third place recognition respectively.

Columbia Furnace Junior 4th Club received the outstanding Junior Award.

E. Have County Achievement Program.

At least 450 parents and club members attend the 1960 Shenandoah County 4th Club Achievement Program on November 9, in the Central High School. On the following page is a copy of the program.

F. Shenandoah County All-Stars

1. Membership

For the first time in history two boys and two girls from Shenandoah County were taken into the State All-Star Chapter. Their names are: Landon Nelson, Warren Zirkle, Ann Bonaldi, and Anna Mae Swartz. Since Rodney Hildreth, the first LAF Club member from Shenandoah County to become an All-Star, was taken into the State Chapter in 1930, twenty-six girls and twenty-nine boys have received the highest honor to be bestowed upon a LAF Club member.

2. Officers

The officers of the All-Star Chapter of Shenandoah County are as follows: Chief - Mrs. Regina Millery; Leader - Landon Murray; Scribe - Mrs. Anna Mae Walker; Treasurer - Mrs. Florine Cotsig; and Reporter - Elvin Walker.

3. Activities

Each year the All-Stars donate the trophy to the Champion Senior LAF Club. The All-Stars are very helpful in providing guidance and leadership to the Shenandoah County LAF Club Program.

G. County LAF Club Council

The County Council is composed of the officers of the Community Clubs and their leaders. It is the responsibility of the County Council to plan the entire year's activities including the State of Points, Achievement Program, Share the Fun Program, Objectives, County-wide activities, and other events.

1. Meetings

The County Council generally meets two or three times a year to assist in planning the County LAF Club Program. A November meeting is held to plan for the Achievement Program and a December meeting is held to adopt the activities and objectives for the coming year. New officers are also elected at this time.

IV. COUNTY LAF CLUB OBJECTIVES AND ACCOMPLISHMENTS

The following twenty-three goals were determined by the Objectives Committee and approved by the County Council at a meeting held on December 7th, 1959. This report will discuss what has been accomplished on each objective.

3. Automotive Care and Safety Club

<u>Name</u>	<u>Boys</u>	<u>Girls</u>	<u>Total</u>
Auto Club	12	5	18

III. YOUTH COUNCIL

The Shenandoah County Agricultural Extension Service Board is divided into the following divisions: (1) County Agricultural Council; (2) County Home Economics Council; and (3) County Youth Council.

The Youth Council is composed of the officers of: (1) The County A-M Club Council; (2) Officers of the County All-Star Chapter; and (3) Officers of the County Volunteer Leaders Group.

The Council attempts to plan the A-M Club Program in Shenandoah County and makes recommendations for changes, additions or deletions in the program.

The officers for this Council are as follows: President - Mrs. Jack Neckman, Vice-President - Mr. Ernest Hyman, and Secretary - Mrs. Paul Swecker.

The following groups are the backbone of the Youth Council.

A. A-M Leaders

Adult Leaders are essential to a sound A-M Club Program.

1. Junior Club Leaders

In the Junior A-M Clubs the class-room teacher is serving as the volunteer leader or sponsor. Their names are as follows: Columbia Furnace - Mrs. Bertha Folk; Fort Valley - Mrs. Isabel Witenour; and St. Luke - Mr. Josiah Pravel.

2. Community Club Leaders

Our seven Community Clubs are very fortunate to have thirty-two leaders which believe in the sound principals of the A-M Club idea. Twenty-eight of these leaders are organizational leaders and the remainder are project leaders.

3. Junior Leaders

Twenty older boys and girls with a great deal of A-M Club experience have been selected to serve as Junior Leaders. One must be at least 14 years of age to qualify for as a Junior Leader.

C. Nature of Clubs

1. Junior Clubs

Three 4-H Clubs are located in the rural grade schools and are known as Junior 4-H Clubs. They meet once each month for one hour during the school year. One-half of the meeting time is allotted to the business meeting, special program and presentation of demonstrations by the individual club members. The remaining time is spent studying the group project. This is generally a half-hour lecture by the Extension Agent.

2. Community Clubs

Seven of the eleven 4-H Clubs in Shenandoah County meet once each month within their respective communities. The Assistant County Agent and the Home Demonstration Agent meet with each group every other month.

3. Automotive Care and Safety Club

This club meets in the Woodstock area at night once each month. This club is open to any 4-H Club member in Shenandoah County who has reached the age of 14.

D. Enrollment by Clubs

1. Junior 4-H Clubs

Name	Boys	Girls	Total
Columbia Furnace	17	17	34
Fert Valley	19	8	27
St. Luke	14	10	24
Total	50	35	85

2. Senior 4-H Clubs

Name	Boys	Girls	Total
Fort Valley	10	7	17
Western Cross Roads	9	8	17
Hassardt's Ten	9	8	17
Roems Valley	10	17	27
Row Market	11	8	29
St. Luke-Summaryville	21	19	40
Hedley Chapel	15	14	29
Total	85	81	166

II. GENERAL INFORMATION CONCERNING SHERBANDON COUNTY 4-H PROGRAMS

A. Enrollment Classification by Age and Sex

<u>Age Groups</u>	<u>Total</u>	<u>Boys</u>	<u>Girls</u>
10	57	33	24
11	40	22	18
12	50	26	24
13	29	11	18
14	25	11	14
15	20	9	11
16	14	9	5
17-21	16	10	6
Total	251	131	120

B. Projects

The educational process of 4-H clubs was erected on the sound principal "Learn by Doing". Therefore, Extension Specialist have established a large number of projects which will help to develop the boys and girls as well as teach them the newest scientific information available.

1. Projects Carried and Completed by Boys

One hundred and thirty boys carried 344 projects of which one hundred and twenty-two boys completed 317 projects.

2. Type of Projects Carried by Boys

The following table shows the number of boys enrolled in the various projects:

<u>Project</u>	<u>Enrollment</u>	<u>Project</u>	<u>Enrollment</u>
Field Crops	17	Entomology	29
Vegetable Garden	18	Tractor Maintenance	1
Fruits	4	Electric	58
Forestry	50	Automotive Care	18
Wildlife Study	4	Home Grounds	
Poultry	13	Beautification	14
Dairy	33	Safety	15
Beef	25	Rodent Control	1
Sheep	12	Swine	25
Rabbits	2		

SECTION TWO

LEI CLUB WORK

I. INTRODUCTION

A. Purpose of LEI Clubs

The LEI Club Program is geared to train tomorrow leaders through developing citizenship, character, and leadership ability in our youth of today.

Boys and girls who participate in the LEI Program have the opportunity to receive a practical type of education by learning principles and practices of improved methods of doing many things which may be used in their own home. This educational method is based on the principle of "Learning by Doing".

B. Magnitude of LEI Enrollment and Projects

1. International

The LEI Club Program is the largest rural organization of its kind for young people throughout the world. Approximately fifty countries have adopted all or part of the LEI Club Idea.

2. National

In 1999 there were 2,253,999 LEI Club members enrolled in the fifty states of this great nation.

3. State of Virginia

Virginia boasts over 71,000 LEI Club members and 4,754 adult spend endless hours giving of their services and talents as LEI Volunteer Adult Leaders.

4. County of Shenandoah

This phase of the Shenandoah Report will deal primarily with the LEI Club Program in Shenandoah County.

Two hundred and fifty-one boys and girls were enrolled in the Shenandoah County LEI Program during the year 1940. The loss of five hundred club members previously located in rural grade schools that consolidated in September 1949 have accounted for the drop of enrollment. This matter was thoroughly discussed in Section V - 6 of the 1949 Annual Narrative Report of Extension Work in Shenandoah County.

Recreational facilities must be developed in our county to accommodate the herds of people who will have more leisure time to spend in this machine age.

With a change in Presidential administrations new farm programs will be developed. The Extension Service will have a major role in explaining these programs to those who will be affected.

Our Extension personnel must continue to be informed so that they will not stand in the way of the parade of progress but will be out in front helping to lead and direct the procession. We will meet the challenge of our new decade of the 60's. Bold and wise decisions will have to be made by those whom we have elected to serve us. We have faith in the future of America and await with confidence the challenges which tomorrow will bring.

* * * * *



INTERESTED GROUP of 100 farmers of Shenandoah and surrounding counties, quiz (l to r): W. L. Lewis, Extension Agronomist, VPI; H. L. Dunston, Head, Agronomy Department, VPI, and County Agent J. Carl Coiner, at the Agronomy School, held at the Woodstock Christian Church on Wednesday, January 29. (Daily Photo by Woodstock Photo Shop).

Each year we cooperate with the Northern Virginia Daily and supply material for a weekly Farm and Poultry Page. Our first edition for 1960 appeared on February 2nd, while the closing edition was published eighteen weeks later on May 31st. This information receives wide coverage, as the Northern Virginia Daily goes to over 4,000 subscribers in Shenandoah County and a number of other counties in surrounding areas. We have received many favorable comments on our effort with regard to this weekly Farm and Poultry Page.

The Shenandoah Herald, our weekly paper published at Woodstock, has taken an unusual interest in promoting and publishing Extension activities. National 4-H Club Week, National Farm Safety Week, National Fire Prevention Week, and The Shenandoah County Fair were all given special coverage by The Herald.

We feel that our public relations with both the radio stations and all of our four newspapers is excellent. They are our chief source of reaching most of our farm people in a short period of time. Much of our success with the Extension Educational Program may be attributed to the very fine cooperation which the radio stations and newspapers have given us with our mass media approach.

VIII. COUNTY AGENT'S STATISTICS

Each year the County Agent's office submits an Annual Statistical Report which includes many figures regarding activities of the Extension Service during the year. Many of these figures are secured from monthly reports which the County Agents are required to keep and send to our district and state administrative officials at the end of each month. Some of these figures as reported by County Agent J. Carl Coiner and Assistant County Agent Dale L. Elaser are as follows: Total days worked - 493; Farm and Home visits - 887; Office calls - 2,193; Telephone calls - 3,361; Number news stories prepared - 397; Radio Broadcasts prepared - 19; Television Broadcasts - 7; Bulletins distributed - 7,087; Adult Result Demonstrations conducted - 25; Days devoted to Adult Work - 241; Days devoted to Young Men and Women's Work - 38 and Days devoted to 4-H Club Work - 214.

The following number of meetings, with estimated attendance, were conducted by the Shenandoah County Agent's office during the past Extension Service Year, December 1, 1959 to December 1, 1960.

<u>Meetings</u>	<u>Number</u>	<u>Attendance</u>
1. Training Meetings for Local Leaders:		
a. 4-H Club Work	3	98
2. Other Meetings Agents held or participated in:		
a. Adult Work	85	2,497
b. Young Men and Women	9	348
c. 4-H Club Work	89	1,849

These are as follows: (A) Individual contacts which included - 1. Farm and Home Visits, 2. Office calls, 3. Telephone calls, 4. Personal letters, and 5. Result demonstrations; (B) Group contacts under which are listed - 1. Method demonstration meetings, 2. Leader training meetings, and 3. Conferences and discussion meetings, and (C) Mass contacts which involve - 1. Bulletins, 2. Leaflets, 3. News stories, 4. Circular letters, 5. Radio, 6. Television, 7. Exhibits, and 8. Posters. During the year the County Agent's office in Shenandoah County employed all of these sixteen methods in reaching and keeping our rural people informed.

A. Radio Stations

During the year the County Agents assisted in preparing nineteen radio broadcast and seven television programs, most of which were presented over station WSWA, Harrisonburg, Va. We have worked closely with Mr. Homer Quann, Farm Director of Station WSWA.

We have also had contacts with station WHEG, Harrisonburg, Va. of which Mr. W. W. Greer, New Market, Va. has a controlling interest. This station has also broadcast some of our County Extension activities.

Our local station WJIG, located at Mt. Jackson, Va., has also been very cooperative in broadcasting County Extension events and activities. This station had a booth at our Shenandoah County Fairgrounds and broadcast directly from the fair. Credit was established in our 4-H Club Score of Points for putting on radio programs. At least five local 4-H Clubs had one or more radio programs during the year.

In addition to our personal contacts with various radio stations, we have supplied these stations with scripts, agricultural news, and other educational information for various broadcasts.

B. Newspapers

We have four newspapers that serve Shenandoah County. There are two daily newspapers - The Northern Virginia Daily at Strasburg and The Daily News Record at Harrisonburg; and two weekly newspapers - The Shenandoah Herald at Woodstock and The Shenandoah Valley at New Market. All four of these newspapers have been very cooperative in giving publicity to Extension subject matter, special activities and agricultural events. Each of our local 4-H Clubs has a reporter who supplies the newspapers with a report of monthly 4-H Club meetings and other 4-H Club news. During our past Extension Service Year the Shenandoah County Agent and Assistant County Agent supplied these papers with 497 news articles which is an average of two articles for each working day.

How well we get along with our people and other organized groups determines to a great extent just how successful our efforts will be. We have tried to work in harmony with our people and believe that the Extension Service enjoys the good will of all the groups which we contact. In conducting an educational program, there are certain groups with which we have more frequent contacts than others.

Other than groups which we have organized we spend more time with the Agricultural Stabilization and Conservation Program (A.S.C.) and the Soil Conservation Service Program (S.C.S.). In cooperation with the A.S.C. Program, the County Agent or Assistant County Agent attended eleven county committee meetings. The County Agent served as Chairman of the County A.S.C. election committee whose duty it was to select a three man committee for each of our six county committees who would line up a slate of ten names to go on the ballot for the annual election of A.S.C. Community Committeemen. We aided in explaining the agricultural conservation program to farmers and attended meetings where the new features of the program were explained. A.S.C. funds were often used as an incentive to get farmers to carry out desirable conservation practices.

Among other groups with which the Extension Service has worked in close harmony during the year the following may be cited: USDA Forestry Service, The Virginia Forestry Service, The Farmers Home Administration, The Farm Credit Association, The Virginia Electric and Power Company, The Northern Virginia Power Company, The Shenandoah Valley REA, The Farm Bureau of Shenandoah County, The Shenandoah Cooperative Farm Bureau, Southern States Cooperative and its three affiliated stores, our Vocational Agricultural Instructors, Future Farmers of America, and Young Farmer Organization, High Schools, Civic Clubs, Bur-Stan Clubs, The Valley of Virginia Milk Producers Association, The Maryland-Virginia Milk Producers Association, Feed Dealers, Machinery Dealers, Fertilizer and Lime Distributors, Livestock Markets, Processing Plants, Sawmill Operators and many others. We would take each of these groups and discuss the Extension Service's mutual relationship with them but we will pass this opportunity and merely state that without their help and cooperation our road would be much harder to travel.

VII. INFORMING THE PUBLIC

Keeping the public informed is the chief function of the Agricultural Extension Service. Our mission is to teach or educate people. We have defined education as, "The Production of Changes in Human Behavior." The receipt of information is the most basic concept in this process. There are sixteen teaching methods commonly used by Extension workers.

May 6 - Attended a Community Meeting to discuss Industrial Development in the Woodstock Area. Assistant Agent Elaser and the local Junior Chamber of Commerce were instrumental in organizing a development corporation for our area which has already raised funds and persuaded one desirable industry to locate in the Woodstock area;

May 13 - Attended meeting at Luray of the Potomac River Basin Commission; May 18 - Attended Auto Driving Contest sponsored by the Woodstock J.C.C.; May 23 - Attended Father-Son Banquet sponsored by the Central High School F.F.A. Chapter; June 1 - Addressed the Woodstock Rotary Club on Fowell's Fort Valley Organization Camp; June 15 - Mr. Elaser and L-4 Club members presented a program to the Woodstock Rotary Club; June 28 - Addressed the Forestville-Quickburg Nuritan Club on Soils; July 26-29 - Attended Institute of Rural Affairs at V.P.I. with farmers from Shenandoah County; August 1 - Rainfall at Woodstock for the month of July was 1.87 inches as compared to 3.63 inches during July of 1959; August 9 - Both agents attended The Annual Meeting of the Shenandoah Valley R.E.A. which was held at Harrisonburg. Senator A. Willis Robertson was the main speaker; August 9 - Attended Southern States Annual Meeting at Woodstock; August 10 - Attended Southern States Annual Meeting at Strasburg; August 18 - Attended Southern States Annual Meeting at Mt. Jackson; August 22 - Attended Extension Agents Conference at Woodstock on Health Insurance - Director W. H. Daughtray and District Agent G. H. Clark explained the program; August 23 - Agents judged crops and vegetables at the Luray Agricultural Fair; August 25 - Distributed posters on Sawmill and Logging Exposition to be held at Crozet, Va. to sawmill operators, machinery and farm supply dealers, schools, auction markets and other business houses; August 29-September 2 - Attended Annual Extension Conference at V.P.I.; August 29-September 3 - Shenandoah County Fair, County Extension Agents secured most of the judges for our fair; September 3 - County L-4 Livestock Sale; September 8 - Contacting directors on Four State Farmers Meeting for 1961; September 14 - Judging Poultry and Eggs at the Frederick County Agricultural Fair; September 30 - Attended Atlantic Rural Exposition at Richmond, Va.; October 13 - Assisted with the local Boy Scout Fund Drive; October 30-November 3 - Attended the Forty-fifth Annual Meeting of the National Association of County Agricultural Agents which was held at Miami Beach, Florida; November 14 and 15 - Attended District Conference of Extension Agents held at Luray; November 16 - Attended Woodstock Rotary-Lions Farmers Night Program; November 28 - Shenandoah-Page INIA Membership Meeting; and November 30 - Attended joint meeting of the New Market Pottery and Lions Clubs and the Forestville-Quickburg Nuritan Club in observance of Farm-City Week. District Agent G. H. Clark was the speaker for this occasion.

VI. WORKING WITH OTHER GROUPS

From the events and contents previously listed in the narrative report the fact that the Extension Service does work with other groups has been clearly established. We feel that our job involves Public Relations.

Sixty of those in attendance at the awards program remained over night for an enjoyable weekend of camp. Our County Home Demonstration Agent, Miss Wetzel, was in charge of the food for this program.

V. OTHER ACTIVITY

Under this heading could be included about one-third of the County Agents time. Most of this will not be covered in this narrative report due to the many different and detailed activities which are encountered during the year. Even a day by day diary, which the agents keep, would omit many of these deeds. The County Agents' program must be a flexible one in order to combat the day by day problems as they arise. During the year the Extension Service at the county level is involved in many activities spread over a vast territory including a large number of people. Our classroom covers a 507 square mile area and our primary audience is some 21,585 people who populated Shenandoah County during 1960.

Some of our Extension Service activity not previously related, would include the following: December 8 - Program on Girls 4-H Club work was presented to the Woodstock Rotary Club; December 16 - Addressed Woodstock Rotary Club on Soils; December 24 - Helped Judge Young Farmer Award for the Woodstock Junior Chamber of Commerce. Also assisted in selecting their citizens of the year; January 4 - Met with the Shenandoah County Light Council; January 6 - Visited key people in county to distribute County Agents Brochures which explained some phases of the Extension Program; January 7 - Attended Woodstock Junior Chamber of Commerce Young Farmer Award Program; January 15 - Delivered Narrative Reports and Discussed County Extension Program of Work with each of our six County Board of Supervisor members who are responsible for County Extension Service appropriations; January 22 - Attended Four State Farmers Meeting at Hagerstown, Md.; January 25, 26 and 27 - Attended District Extension Agents Conference at Luray where special training on effective writing was given; January 25 - Assisted in Judging Luray Junior Chamber of Commerce Young Farmer Awards Program; January 30 - Attended Annual Meeting of Shenandoah Farm Credit Association held at the James Wood High School near Winchester; February 16 - Addressed the Strasburg Rotary Club; February 24 - Had a conference with District Extension Agents on office space locations; February 25 - Attended Parents Night of the Strasburg FFA Chapter; March 3 - Heavy snow--most scheduled events cancelled; March 12-16 - Took a trip to Gray Summit, Mo. and toured the Furina Research Farm; March 22 - Addressed the West Shenandoah Buritan Club on Soils; April 19 - Committee Meeting to work on Plans for a Utility Building at Woodstock Recreation Park; April 24 - Dedication of Central High School at Woodstock with Dr. Walter Newman, President of V.F.I. as the speaker;

Other officers and directors of the Central Committee with the Church group they represent are: Vice President - Rev. S. E. Madron - Congregational Christians; Secretary - Morgan Kinsey, Elkton, Va. - Childrens Bible Mission; Treasurer - Rev. Paul Dick, Winchester, Va. - Grace Brethren Church; Rev. E. E. Wolford, Woodstock, Va., - Disciples of Christ, and Rev. Ray McEorman, Shenandoah, Va. - Methodists.

In respect to the Camp, County Agent J. Carl Coiner, who is Chairman of the Central Committee that oversees and operates the Camp, has the following responsibilities:

1. To preside over committee meetings and set up the camp schedule.
2. Cooperate with the USDA Forestry Service and see that their recommendations are carried out.
3. Supervise the caretaker of the camp and see that the camp is opened for the season, properly operated and closed at the end of the season.
4. Order necessary materials and supplies needed to operate the camp equipment.
5. Receive complaints and act accordingly for the best interest of the camp.
6. See that tasks directed by the Central Committee are properly assigned and carried out.

The 1960 camp season opened on June 13th and closed on September 3rd thus affording a twelve weeks camping season for over 1500 boys and girls. Our 1960 camping schedule was conducted as follows: June 13-27 - Childrens Bible Mission of Elkton; June 27-July 4 - Disciples of Christ; July 4-18 - Methodists; July 18-August 1 - Grace Brethren Church of Winchester; August 1-20 - L-N Clubs from nine Northern Virginia Counties; August 20-27 - Congregational Christians; August 27-September 3 - Baptists who replaced the Lutherans on our schedule. The Lutherans are now occupying their own camp in the south end of Powell's Fort Valley.

The three weeks of L-N Club Camp which the Extension Service supervises were divided between the following counties: August 1st - Clarke, Loudoun and Rappahannock; August 8th - Frederick, Fage and Warren; and August 15th - Shenandoah, Rockingham and Fauquier. During the week of August 15th there were 155 people in camp. Shenandoah County enrolled twenty-four girls and twenty boys. A number of these L-N Club members occupied high positions of leadership during their camp week.

On August 6th our Northern Virginia District L-N All Star Award Program was held at the camp with 140 people attending. Mr. Douglas Fowery local district manager for one of our gasoline distributing companies located at Woodstock played a major role in making this meeting a success.

It now appears that we can make the best use of our V.F.I. Poultry Specialists through individual farm visits where the poultry grower may be contacted regarding his individual problems.

4. Up-to-date poultry data must be obtained and used.

During the year Mr. Denver Bragg of the V.F.I. Poultry Department has been visiting egg grading stations in the county to study their records and obtain certain data relative to egg production. Mr. E. M. Hurtner from the same department is establishing feeding trails with heavy laying hens in several counties throughout the state. Other specialists are gathering information on our present poultry situation and future trends in poultry production for this area.

5. There has been a rapid decline in our County Poultry Industry.

Not too long ago we had five progressive hatcheries in Shenandoah County. All of these have folded up. We also had five large poultry processing plants. Three of these have ceased operation. Most of our small feed dealers could not stand up under the competition and no longer cater to poultrymen. Many of our county people have had to seek job opportunities elsewhere. Payrolls from these industries are being missed not only by the poultry grower but by our merchants, tax collectors and allied industries as well. We have gone through quite a shake down in our poultry industry. We hope that the survivors are healthy and will be in a position to continue in business meeting competition regardless of where it may come from. The survivors are the giants of today's poultry economy. We still have a few of them left in Shenandoah County.

F. Fovell's Fort Valley Organization Camp

For twenty-two years the Shenandoah County Agent has served on a Central Committee which operates Fovell's Fort Valley Organization Camp which is located in Shenandoah County. This camp was built by the government for the purpose of providing a week of camp recreation for children who would not otherwise be able to enjoy this privilege. The camp operates under a charter in agreement with the USDA Forestry Service. The groups using the camp provide the equipment, absorb the up-keep and all costs of operating the camp. During the time this camp has been in operation over twenty-six thousand young people have enjoyed its facilities. At a committee meeting which was held at Woodstock on February 1, 1960, County Agent Coiner was again elected President of the Central Committee. He is the 4-H Club's representative on the Council. 4-H Club members from nine Northern Virginia Counties use this camp.

Once the complete list is secured it will be kept by the County Agent as one of his confidential mailing lists. This list will be used to send out educational material such as the Pullet Leaflet published each month by the V.F.I. Poultry Department.

Most of these mailing lists have been obtained and we are now in a better position to reach commercial poultry producers in Shenandoah County with our educational material. We still have some more growers to contact but at the present time we have listed 55 laying hen growers, 48 broiler growers, and 35 turkey growers that we consider large enough to be classified as commercial poultry growers.

2. The Planning Committee suggested that two educational meetings be staged to be followed by others if attendance justified it.

These two meetings were conducted as suggested. Meetings were held in the courtroom at Woodstock.

The first meeting stressing Chicken Laying Hens was held on Tuesday evening, May 8th. Two topics were discussed at this meeting with a thirty minute question period after each discussion. First topic to be discussed was, "Costs and Returns of Producing Table Eggs and How Costs Can be Reduced", by Mr. Denver D. Bragg of the V.F.I. Poultry Department. Mr. C. A. Middleton, Jr., Supervisor of the Market Hens Section of the Virginia Department of Agriculture, Richmond, Va., discussed and explained, "State Egg Market Reports" during the second part of the meeting. Thirty people, mostly professional workers, attended this meeting.

The second meeting, centering around Broiler Production, was held on Wednesday evening, May 11th. "Broiler Management and Condemnations" was discussed by Dr. Arthur T. Ringrose of the V.F.I. Poultry Department. The second subject for discussion was "Security Management for Disease Prevention" by Dr. W. B. Gross of the V.F.I. Veterinary Science Department. Only ten people attended this meeting. Less than half of these were broiler growers.

Our four speakers on these programs made excellent presentations. Even though we had pulled out all the stops and used all methods at our command including individual contacts, we had very poor attendance of poultry growers at both of these meetings. It was therefore decided to postpone other meetings to a future date.

3. Cooperate with the Area Poultry Meeting at Winchester on March 25th.

Here again we found the crowd made up of professional agriculture workers and industry representatives with only a small number of poultry growers present even though this meeting was drawing from a large poultry area.

Millard Fear, Laying Flock Owner, Maurertown; Arthur T. Ringrose, Associate Extension Poultry Husbandman, V.F.I.; J. Carl Coiner, County Agent, Woodstock, and Dale L. Blaser, Assistant County Agent, Woodstock.

Mr. Coiner opened the meeting by reviewing action of the 1959 Planning Committee and some of the programs that the Extension Service had cooperated with in carrying out. He noted that the farm trend in producing poultry and poultry products in Shenandoah County was headed downward. He explained that the purpose of this meeting was to determine how the County Extension Service in cooperation with the V.F.I. Poultry Department could be of greater service to the poultry industry in Shenandoah County.

Mr. Arthur T. Ringrose, Associate Extension Poultry Husbandman from V.F.I. reviewed the economic trend and outlook for the poultry industry. He also listed the personnel and duties of the V.F.I. Poultry Department, discussed the physical layout and some of the experiments that were being conducted at V.F.I.

The committee felt that we have gone through a depressed period in the poultry industry. It was noted that our Southern neighbors were also having problems and credit was harder to secure. The housing and fuel advantages of the south have not developed as expected. Some of the southern states may have an advantage of shipping feed from the mid-west by boat and thus saving one cent per pound on feed costs. It was estimated that feed costs compose 75 percent of the cost of raising poultry. However our high population centers are to the north-east and southern producers must pay one-half cent more to get their poultry to these markets. Chain stores are playing a major role in establishing the market price for poultry and eggs.

Some of the problems and activities which the Poultry Planning Committee thought the County Extension Service could concentrate on were:

1. It was thought that one of the most pressing needs was to get an up to date inventory on who the commercial poultry growers of Shenandoah County are. The County Agent should be provided with an accurate mailing list of these growers. For this inventory a commercial poultry grower was established as one who had a unit of at least 500 laying hens, 2500 broilers or 1000 turkeys. Mr. Coiner will contact various feed dealers and other members of the poultry industry in order to obtain a list of commercial poultry and egg producers. Mr. Homer Long will assist in working up a turkey mailing list.

New houses and new methods of swine production are now required if competition is to be met. Our swine farmers attend purebred sales and purchase breeding stock. The County Extension Agents have also assisted Beef Cattle, Sheep and Swine farmers to select breeding stock that will conform to our present day meat animal patterns. Our livestock exhibits at the Shenandoah County Fair brought favorable comment from many spectators. The L-H Club Livestock Sale held on the last day of the fair was very successful.

During 1960 Shenandoah County Extension Agents provided livestock farmers with blueprints for buildings, suitable rations, internal and external parasite control suggestions, marketing information, providing home grown feed and other management information.

E. Poultry

Although many of our farms have stopped growing poultry excluding broilers there was an increase in production for 1959 as compared to 1954. Following the national trend we have fewer growers but their operations are larger. The 1959 Agricultural Census reveals the following regarding our Shenandoah County Poultry situation:

	Farms Reporting		Numbers	
	1959	1954	1959	1954
<u>Chickens</u>				
Chickens four months old and over	1,008	1,472	223,799	188,168
Chickens including broilers sold	570	847	2,296,948	2,567,107
Broilers sold	80	270	2,120,103	2,445,222
			<u>Dollars</u>	<u>Dollars</u>
Chicken Eggs sold	735	1,167	2,486,300	1,409,820
<u>Turkeys</u>				
Turkeys raised	57	150	884,669	667,955
Turkey hens kept for breeding	32	43	16,693	14,433
<u>Miscellaneous</u>				
Turkeys, Ducks, Geese, Other			<u>Dollars</u>	<u>Dollars</u>
Miscellaneous Poultry & their eggs sold	45	124	\$2,420,831	\$2,030,477

Broad breasted Bronze turkeys comprise about sixty percent of the national 1960 crop of eighty-two million turkeys. Producers are raising twenty-two million heavy white turkeys. In October, frozen small turkeys were wholesaling at two cents or more a pound than heavy turkeys. Beltsville white turkeys are very popular in Shenandoah County and the surrounding area.

An Extension Poultry Planning Committee Meeting was held at the County Agent's office in Woodstock, Va. on Thursday afternoon, February 11, 1960. Present for the meeting were: Homer Long - Turkey Grower, Edinburg; Calvin G. Gerroth, Manager Woodstock Southern States Coop. Store, Woodstock; Henry Moller, Blue Ridge Poultry and Egg Co., Edinburg;

5. A feeder and stocker sale was conducted by the Woodstock Livestock Auction Market on the afternoon of October 10, 1960. The animals were not sold by grade. Over 300 animals were consigned to this sale. Most of the consignors were Shenandoah County Farmers and the majority of these calves were purchased by Shenandoah County feeders. Prices obtained were satisfactory and this proved to be a very successful sale.

Shen-Valley Meat Packers held their Shenandoah County Meeting at the Edinburg Grade School on the evening of February 23, 1960 with fifty people in attendance. Plant Manager A. J. Jesse, reported on the plant operation. J. F. Moore was nominated for director to succeed John H. Nassie whose term expired. George E. Holtzman serves as public director. Mr. Holtzman is vice president of the cooperative and serves on its executive committee. A five man county advisory committee was also selected during the meeting. The annual meeting of Shen-Valley Meat Packers, Inc. was held at the Broadway High School on April 1, 1960 with a large crowd in attendance.

Other livestock meetings and events attended and participated in by Shenandoah County Extension Agents during the year included the following: December 3 - Northern Virginia Livestock Producers Board Meeting at Winchester; January 28 - Planning Meeting for Winchester Spring Cattle Sales; February 5 - Hereford Bull Sale at Winchester where 186 bulls were sold; February 19 - Annual Meeting Northern Virginia Livestock Producers Association; June 3 - Beef Cattle and Sheep Field Day at the McCormick Experimental Farm supervised by V.F.I.; July 13 - Membership Meeting for the Northern Virginia Livestock Producers Association to make plans for the Winchester Fall Cattle Sales; August 12 - Purebred Sheep Field Day at Hartoursville in Grant County.

While attending the National County Agricultural Agents Convention in Miami, Florida, County Agent J. Carl Coiner was taken on a tour of the U.S. Sugar Cooperation operation at Clewiston, Fla. In addition to the sugar plantation this company has a large cattle operation. Upward to 15,000 acres of marginal land, not considered fertile enough for the culture of sugar cane, has been planted to improve permanent grasses. These pastures carry around one cow per acre the year round. Purebred beef type Charolais and Brahman's are the basis of the breeding herd. These are crossed and then re-crossed with English beef cattle breeds such as Angus, Herefords and Shorthorns. Remarkable progress is being made. It will not be long before the state of Florida will be providing stiff competition in the cattle industry.

Considerable progress is being made in Shenandoah County in improving the quality of its livestock. During the year a V.F.I. Swine Specialist, Mr. Rold Godsey, was called in to visit and make suggestions to our swine growers.

2. Twenty-first Annual Winchester Fall Feeder Calf Sale,
first sale held October 7, 1960 - Farmers Livestock Exchange,
1:00 p.m.

Three Shenandoah County farmers consigned 30 animals to this sale.
These were: Paul L. Swecker - 5 head; J. Warren Good - 12 head, and
C. B. Houston - 13 head. A summary of this sale follows:

	<u>No. Hd.</u>	<u>Tot. Wgt.</u>	<u>Avg. Wgt.</u>
Steers	1,614	782,995#	485#
Heifers	1,109	493,250#	445#
TOTAL	2,723	1,276,245#	469#

	<u>Tot. Amount</u>	<u>Avg. Per Hd.</u>	<u>Per Cwt.</u>
Steers	\$215,667.90	\$133.62	\$27.54
Heifers	116,539.55	105.08	23.63
TOTAL	\$332,207.45	\$122.00	\$26.03

Number Head by Grades:

Fancy and Choice Calves	1,420 head	52.15%
Good Calves	977 head	35.88%
Medium Calves	326 head	11.97%

3. Twenty-first Annual Winchester Fall Feeder Calf Sale,
second sale held on October 28, 1960 - Farmers Livestock
Exchange, 1:00 p.m.

To this sale three Shenandoah County farmers consigned 35 animals.
These were as follows: W. Fred Bouman - 14; Paul L. Swecker - 9;
Gilbert & Raymond Shuman - 12. A summary of this sale follows:

	<u>No. Hd.</u>	<u>Tot. Wgt.</u>	<u>Avg. Wgt.</u>
Steers	768	352,520#	459#
Heifers	554	232,590#	420#
TOTAL	1,322	585,090#	443#

	<u>Tot. Amount</u>	<u>Avg. Per Hd.</u>	<u>Per Cwt.</u>
Steers	\$94,613.94	\$123.20	\$26.84
Heifers	52,426.96	94.63	22.55
TOTAL	\$147,040.90	\$111.23	\$25.13

Number Head by Grades:

Fancy & Choice Calves	735 head	- 55.60%
Good Calves	439 head	- 33.21%
Medium Calves	148 head	- 11.19%

1. Eighth Annual Winchester Spring Calf and Yearling Sale,
April 15, 1960 - Farmers Livestock Exchange, 6:30 p.m.

The inspection committee from Shenandoah County approved the following:
E. L. Boyer - 16 head; C. E. Houston - 10; Frank Wilkins - 85;
Charles Eastep - 2; Garnett Fainter - 14; Joseph R. Myers - 28;
W. Fred Bowman - 73; John G. Miller - 22; W. W. Waddell - 16; Paul
Swacker - 20; Hidden River Farm - 17, and J. Warren Good - 9. Total
312 of which 260 were steers and 52 were heifers. A summary of this
sale follows:

	<u>No. Hd.</u>	<u>Tot. Weight</u>	<u>Avg. Wgt.</u>
Steers	1,347	824,259#	612#
Heifers	471	246,730#	524#
TOTAL	1,818	1,070,989#	589#

	<u>Tot. Amount</u>	<u>Avg. Per Hd.</u>	<u>Per Cwt.</u>
Steers	\$242,943.31	\$181.69	\$29.69
Heifers	64,841.15	137.61	26.28
TOTAL	\$309,582.46	\$170.29	\$28.91

Number Head by Grade:

Fancy & Choice Calves	740 head	- 40.70%
Good Calves	74 head	- 4.02%
Medium Calves	314 head	- 17.28%

2. Sixth Annual Winchester Fall Yearling Sale, September 23,
1960 - Farmers Livestock Exchange, 1:00 p.m.

For this sale Shenandoah County entered only one Cross-bred steer
which was consigned by Mr. C. E. Houston. A summary of this sale
follows:

	<u>No. Hd.</u>	<u>Tot. Weight</u>	<u>Avg. Wgt.</u>
Steers	1,193	871,090#	730#
Heifers	92	57,505#	625#
TOTAL	1,285	928,595#	723#

	<u>Tot. Amount</u>	<u>Avg. Per Hd.</u>	<u>Per Cwt.</u>
Steers	\$208,296.03	\$174.60	\$23.91
Heifers	11,936.14	129.74	20.76
TOTAL	\$220,332.17	\$171.39	\$23.72

Number Head by Grade:

Fancy & Choice Calves	398	30.97%
Good Calves	573	44.59%
Medium Calves	314	24.44%

Of our entire population for 1999 there were 5,533 hogs born before June 1 with the remaining 10,615 being born after June 1. During 1999 there were 749 farms that sold 19,909 live hogs and pigs. 1994 had 823 farms selling 16,369 hogs and pigs alive.

Sheep numbers have also increased during the five year comparison period in Shenandoah County from 8,754 head in 1954 to 12,418 head in 1999. Here again the number of farms growing sheep have decreased from 395 farms in 1954 to 295 farms in 1999. In 1954 we had 285 farms selling 6,499 head of sheep and lambs alive as compared to 256 farms in 1999 that sold 5,365 head. The sheep and lambs on our farms are categorized as follows:

	Farms Reporting		No. Head	
	1959	1954	1999	1954
Total number	295	399	12,418	8,754
Lambs under one year old ...	171	149	5,829	1,721
Sheep one year old and over ..	282	328	6,589	7,033
Does	277	323	6,289	6,638
ewes and Wethers	205	248	300	395

From this table it will be noted that the greatest change is with the lambs under one year old. This would indicate that there was a great increase in the number of feeder lambs fed in 1999 as compared to 1954.

Our major activity with livestock during 1960 centered around livestock marketing. Our Livestock Marketing Committee in Shenandoah County for 1960 was composed of the following: Chairman - Alfred Geobauer, Paul L. Knober, Ernest Bryan, J. Vernon Good and J. Carl Gentry. We also had a County Advisory Committee of Sam-Allen West Feckers which consists of Joseph F. Moore, Chairman, Herbert Faltner, W. W. Middleton, Loyd Stekler, Bryan Hagar and E. L. Boyer. Joseph P. Moore and George Holtman are our present directors. Livestock Marketing activities for the Shenandoah County Agent for 1960 included:

1. Assisted with the Spring Feeder Calf and Yearling Sales which were scheduled to be held at Winchester on April 15th and the Yearling and Feeder Calf Sales which will be held at Winchester in the Fall on September 23rd, October 7th and October 28th by:
 - a. Securing nominations for these sales.
 - b. Conducting farm inspection of all animals nominated.
 - c. Assist in receiving animals for these sales.
 - d. Aid in conducting these sales.

April 28 and 29 - Took annual leave and attended the Apple Blossom Festival at Winchester. June 13 - Checked on Rosewood problems. July 5 - Japanese Beetle started working in Shenandoah County. July 20 - Japanese Beetle reached their peak. Heaviest invasion yet to be recorded in Shenandoah County. Swarms worked on Chinese Elm and other trees. August 16 - Visited homes regarding lawn problems. August 23 - Assisted Agent Blaser to judge crops and vegetables at the Luray Agricultural Fair. September 16 - Fireblight was evident on crab and other apple trees where a spray program was not provided. September 26 and 28 - Visited orchards and packing sheds to check on the Fruit Crop. This observation was continued during the month of October until the entire apple crop was harvested.

During the year spray programs were mailed to fruit growers. Gardeners received bulletins, soil sample recommendations and timely visits by the agents on such problems as insects and diseases, varieties, planting dates, cultivation, fertilization, harvest and storage of vegetables.

D. Livestock Activities

From the 1959 Agricultural Census we gather that 1,374 farms in Shenandoah County reported a total of 32,386 head of cattle and calves which include both beef and dairy cattle. One thousand, two hundred and seventy-six farms had 14,958 cows including heifers that calved. Since 5,518 of these are listed as milk cows we may conclude that the remaining 9,440 were beef cows. One thousand, sixty-eight farms reported 10,815 heifers and heifer calves. There were 7,413 steers and bulls including steer and bull calves on 861 farms. One thousand, three hundred and six farms sold cattle or calves. Of this number 1,100 sold 7,886 calves while 5,856 head of cattle excluding calves were sold by 726 farms.

Horses and mules on farms, as expected, have declined with machinery furnishing the horsepower on many of our farms. In 1954 we had 687 farms reporting 1,411 horses and mules. The 1959 figure is 306 farms with 836 horses and mules. The number of work horses have declined while there has been a slight increase in the number of pleasure horses.

Swine numbers in Shenandoah County have increased. In 1959 we had 1,018 farms reporting 16,148 hogs and pigs. For 1954 there were 1,311 farms with 13,741 hogs and pigs. It will be noted that there was a decrease in the number of farms growing swine but the number of hogs per farm has increased. Farms under 10 acres are not included in these figures. Some of our farms that lost their poultry enterprises have turned to swine as a source of income.

Presiding - E. L. Hynes, Jr., President Shenandoah County
Fruit Growers Association

A.M.

- 9:00- 9:20 - The Peach Spray Program for 1960 - M. L. Bobb, Associate Entomologist, Madson Field Laboratory, Charlottesville, Va.
9:20- 9:40 - Peach Production Considerations - W. F. Judkins, Head, Horticulture Department, V.P.I., Blacksburg, Va.
9:40-10:00 - Business Meeting - Shenandoah County Fruit Growers Association.
10:00-10:30 - Promotion of Virginia Apples - C. F. McDue, Jr., Virginia State Apple Commission, Staunton, Va.
10:30-10:45 - Hort. Topics - Philip B. Glaise, President, Virginia State Horticultural Society, Winchester, Va.
10:45-11:00 - Commercial Introductions
11:00-11:20 - Mouse Control Problems - Frank Hersfall, Jr., Associate Professor of Horticulture, V.P.I., Blacksburg, Va.
11:20-11:40 - Fruit Insects and Their Control - C. H. Hill, Associate Entomologist, Winchester Research Laboratory, Winchester, Va.
11:40-12:00 - Fruit Diseases and Their Control - A. B. Groves, Plant Pathologist, Winchester Research Laboratory, Winchester, Va.

P.M.

- 12:00-12:20 - Orchard Culture - Fred E. Drilling, Associate Extension Horticulturist, V.P.I., Blacksburg, Va.
12:20- 1:00 - Summary and Open Discussion - H. A. Hollins, Jr., Extension Horticulturist, V.P.I., Blacksburg, Va.
1:00- 2:00 - Lunch -- Courtesy, Valley Fertilizer and Chemical Company, Mt. Jackson, Va.
2:00- Orchard Equipment Exhibits and Demonstrations

Due to snow and icy weather Dr. Frank Hersfall, Jr. and Mr. Philip B. Glaise were unable to be present. Their allotted time was consumed by other speakers.

Lacy K. Bea and W. L. Vehrencamp, Jr. were elected to serve two year terms as directors of the Shenandoah County Fruit Growers Association. The board for 1960 is composed of the following: President - E. L. Hynes, Jr.; Vice President - Elwood Lettrel; Secretary - H. G. Weichmann; Treasurer - Fred M. Fredericksen. One year term directors - Owen Larvick and John F. Boyer; Two year term directors - Lacy K. Bea and W. L. Vehrencamp, Jr.; and Registered Agent for the association - Fred M. Fredericksen.

Other Horticultural activities included the following: January 11 - The County Agent collected seven soil samples from the Mt. Clifton Fruit Company and assisted with fertilizer and lime recommendations. April 18 - Made eight farm visits with H. E. Aroian of the V.P.I. Horticultural Department. Problems included strawberry planting, gardening, scale on shrubbery, banded insects, fertilizing strawberries and small fruit management.

March 24th - R. D. Bauserman, Carl Cook, C. E. Lindanood & Sons, and C. T. Sallenberger - building additions to house and feed dairy cattle. July 14th - Jack Fadely, New hog building for farrowing sows; Clayton Painter, New barn to replace the one destroyed by fire; C. T. Sallenberger, New silo, hay barn and silage feeding arrangement; Braden Miller & Sons, location of water fountains and silage feeding layout. Electrical Power Companies serving Shenandoah County have Agricultural Engineers who have worked closely with us on electrical and building problems. These include Robert Brettyman of the Northern Virginia Power Co., James McBrayer of the Virginia Electric and Power Co., and Hugh Ramsey of the Shenandoah Valley E.E.A.

C. Horticulture

The 1959 Agricultural Census shows a reduction in both acreage and number of growers of most horticultural products in Shenandoah County. In 1959 we had 47 farms with 2,335 acres as compared to 83 farms with 3,669 acres for 1954. Our major fruit crops were divided as follows:

<u>Kind of Fruit</u>	<u>Apples</u>	<u>Peaches</u>	<u>Cherries</u>	<u>Grapes</u>
Farms Reporting 1959	36	24	14	10
1954	90	36	34	23
Trees of all ages 1959	93,338	25,253	4,005	<u>Vines</u> 364
1954	136,066	34,130	5,775	485
Trees not of bearing age 1959	44,749	7,439	1,553	13
1954	31,605	3,763	1,906	72
Trees of bearing age 1959	48,589	17,814	2,532	351
1954	104,461	30,367	3,769	413
Quantity harvested 1959	<u>Bushels</u> 301,376	<u>Bushels</u> 45,268	<u>Pounds</u> 48,240	<u>Pounds</u> 3,825
1954	799,644	69,564	47,771	5,308

The Horticultural Planning Committee met at the County Agents office on January 29, 1960. Most of the growers present were representatives of The Shenandoah County Fruit Growers Association. These included: E. L. Hynes, Jr. - Chairman, H. G. Weishman - Secretary, William Holtzman and Owen Larriek. Also, J. Carl Coiner - County Agent, and Dale L. Elaser - Assistant County Agent. Most of the committee action centered around planning for our Annual Area Fruit Growers School to be held on February 19th. H. G. Weishman and William Holtzman were appointed to serve on a nominating committee for the Fruit Growers Association.

The Mt. Jackson Area Fruit Growers School was held at the Mt. Jackson Fire Hall on Friday, February 19, 1960 with eighty people attending. The following program was scheduled to be presented.

Dairymen and alfalfa growers have been exposed to the greatest extent. This is a problem which we must be alert to and keep farmers informed as new developments arrive.

9. Continue our Public Relations Program with others interested in the welfare of the Dairy Industry.

We have just finished making a Grade B milk survey for Shenandoah County. This and the Grade A survey made during 1959 should give us additional information upon which to base our Extension Dairy Program. The 1959 Agricultural Census figures will also soon be available.

During the year members from the County Agents office attended the Annual Meeting of the Maryland-Virginia Milk Producers Association in Washington, D.C. on February 29th. The agent attended an area meeting of the same association which was held near Harrisonburg on October 18th. The agent and several dairymen attended a Twilight Dairy Meeting held at the John Hardesty farm near Berryville on June 19th. The Holstein Association classified the W. H. Logan purebred herd on December 11, 1959. On May 11th the dairy farm records of Mr. Faige Gordon were analyzed by Mr. Kenneth Loope of the V.F.I. Agricultural Economics Department. Mr. Loope made some helpful recommendations. Mr. Gordon is one of our cooperators in the mail-in Electronic Farm Record Program. Mr. W. H. Wilmer, Strasburg, Va. is participating in the Weigh-a-Day-a-Month Herd Record Program. During the period March 12-16 the County Agent visited a large Feed Company Research Farm in Missouri where he received many helpful suggestions on livestock feeding. The County Agent and several dairymen attended the Institute of Rural Affairs at V.F.I. on July 26-29 where forage and grain production and storage were stressed. Labor saving methods were also on display. During August the County Agent attended annual meetings of our three Southern States Stores located at Strasburg, Woodstock and Mt. Jackson. We had an excellent exhibit of purebred dairy cattle at our Shenandoah County Fair. All animals exhibited were from Shenandoah County. Dairying has been one of our major activities for 1960. It captured more time and effort than any other commodity.

10. Assist farmers with their building problems.

Many of our farms have become more mechanized, others are shifting to Grade A production, while still others are seeking labor saving methods. In serving these needs our Agricultural Engineering Department at V.F.I. has been very helpful. Mr. C. D. Kite of this department has been in the county on several occasions to aid with building problems. Farmers given assistance were: January 5th - Lonnie Eaton, Dairy Barn Construction; Max Wagner, Milk Parlor and Loafing Barn; Braden Miller, Pole Dairy Barn; and H.D.'s Restaurant, Potato Storage.

- 4. Preventing the Spread of Mastitis
- 5. Good Herd Management for Mastitis Prevention
- 6. Raising Mastitis Free Heifers
- 7. Mastitis Diagnosis and The Veterinarian
- 8. The Care and Treatment of the Mastitis Infected Cow
- 9. Mastitis and Stress

Fosters outlining ten rules for good milking and mastitis prevention and control practices were posted in dairy barns, in stores, livestock markets, and in offices which farmers visit.

Mastitis Prevention and Control has been discussed at a number of our dairy meetings. Newspaper and radio items have been sent out on this subject. Trade publications have stressed the subject. We hope to continue publicity on Mastitis Prevention and Control. It is difficult to evaluate the effectiveness of this educational program.

7. Continue the County Brucellosis Control Problem.

The Virginia Department of Agriculture reports that as of January 1, 1960 Shenandoah County had 4,400 heifers under one year old. This includes both beef and dairy cattle. Of this number during the calendar year 999 head or 22.7 percent have been vaccinated against Brucellosis or Bangs Disease. All of our surrounding Virginia counties have had at least one area test for Brucellosis. We are informed that Shenandoah County is next on the list and will be approached during 1961 to get the county cleaned up. If this occurs we hope to make the Brucellosis Control Program one of our major Extension Service objectives for 1961.

8. Inform livestock producers regarding the Chemical Residue Program.

Legislators in the closing session of the 85th Congress passed the Food Additives Bill which contained an amendment sponsored by Representative Delaney of New York which read, "No additive shall be deemed to be safe if it is found to induce cancer when ingested by man or animal, or if it is found, after tests which are appropriate for the evaluation of the safety of food additives, to induce cancer in man or animal". Since this Delaney amendment was passed it has opened the door for additional legislation which places added enforcement responsibilities upon the Food and Drug Administration. It has had a direct effect on farming, veterinary medicine and the feed and chemical industry. So far in all cases where harmful chemical residues have been found it was noted that label instructions have been violated. Our educational role in this situation has been an attempt to get users of chemical products to read and conform to instructions contained on the labels. Farmers have been cautioned with regard to the safe use of sprays, insecticides, fungicides and other chemicals which may induce harmful residues in our food channels.

Three Year Terms

Jack Fadely
Cecil Fravel
W. H. Logan

Two Year Terms

Kenneth Brill
L. L. Tusing
Sidney Bauserman
Public Director -

One Year Terms

Harry Magrell
Ernest Keller
John R. Wilkins
Dr. W. A. Truhan

Serving on the Sire Committee are: Holsteins - W. H. Logan, and Jerseys - Kenneth Brill.

Mr. Fred Coffelt, Technician for Shenoc Breeders reports that 910 cows were bred during the twelve month period November 1, 1959 through October 31, 1960. In addition to these he bred 39 cows for people using their own bulls. By months these cows were listed as follows:

<u>1959</u>			
November - 98	March - 63	August - 70	
December - 65	April - 76	September - 90	
<u>1960</u>	May - 81	October - 102	
January - 41	June - 82		
February - 60	July - 82		
			Total - 910, plus 39 = 949

No report has been received from other technicians who operate in Shenandoah County.

5. Assist with an area movement to establish a Holstein Breeders Association.

After exploring the situation an organizational meeting was held at Winchester, Va. on the evening of March 25, 1960. A Holstein Breeders Club for Clarke, Frederick, Shenandoah and Warren Counties was organized. Mr. W. H. Logan, Woodstock, Va., was elected a director and vice president of this club.

The major activity of this club during the year was to stage a Black and White Show at The Farmers Livestock Exchange near Winchester on April 19th. Two Shenandoah County dairymen entered exhibits at this show. These were William H. Logan and Paige Gordon.

6. Conduct a County Program on Mastitis Control.

A mailing list of over 400 dairymen in Shenandoah County was established. Nine educational leaflets, prepared for The Virginia Mastitis Prevention and Control Program, were mailed by the County Agents office to all known dairymen in the county. The titles of these leaflets are as follows:

1. Managed Milking to Prevent Mastitis
2. The Milking Machine and Mastitis
3. Machine Sanitation in Mastitis Control

At the meeting a membership committee consisting of C. Thomas Sollenberger Chairman, William H. Logan and Raymond Tankin was appointed. Mr. Tankin is field representative of a milk company that serves Shenandoah County. Mr. Alvin E. Armentrout agreed to take the necessary training and become a supervisor. At the present time Mr. Armentrout has six new herds from Shenandoah County enrolled in the DNIA Program. All of these are using the new Central Record Processing System. These new members with the number of cows enrolled during the month of October are:

1	Frank E. Wilkins, Edinburg	23
2	B. M. Clem, Mt. Jackson	41
3	C. R. Lindwood & Sons, Edinburg	42
4	M. B. Zirkle & Son, Quicksburg	32
5	C. E. Funkhouser, New Market	45
6	G. R. Bready, Woodstock	33

No. Cows enrolled under new supervisor - 216

Total cows enrolled in association - 1,432

No. cows enrolled from Shenandoah County - 1,002

Total herds enrolled - 29

No. herds from Shenandoah County - 22

We have one board of directors for both the old and new herds enrolled. The herds are identified as Shenandoah-Page DNIA No. 1 and No. 2.

On September 7th a DNIA Supervisors' Conference was held at Luray with County Agent J. Carl Coiner, John Jordan and Alvin E. Armentrout attending. The supervisors equipment was checked by members of the V.P.I. Dairy Department. New methods and problems were also discussed. Dairy Records were also discussed at a District Meeting of County Agents which was held at Luray on April 22nd.

4. Assist in staging the Annual Meeting of Shenoc Breeders. Aid in increasing the number of cows bred through the Artificial Breeding Process.

The Annual Meeting of Shenoc Breeders was held at the Valley Diner north of Tom's Brook on Monday evening, January 18, 1960. Thirty people attended. The following officers were elected: President - Jack Fadaly, Mt. Jackson; Vice President - Ernest Keller, Tom's Brook; Secretary - Harry Bagnell, Strasburg; and Treasurer - John R. Wilkins, Woodstock. W. H. Logan was elected State Association Representative. A nominating committee consisting of Harry Bagnell Chairman, Kenneth Brill and John R. Wilkins presented a slate of three directors to serve for three year terms. These were elected. The Board of Directors for 1960 is as follows:

Mr. John Jordan, M. Jackson, Va., serves as supervisor for the Shenandoah-Park BHA No. 1. During the year he had twenty-three herds enrolled. Those with the number of cows in the herd reported for the month of October 1960 were as follows:

1	Summyside Dairy, New Market	54
2	Shenandoah Valley Academy, New Market	57
3	Edgar Rubin, Timberville	42
4	Romer Row, Timberville	82
5	H. F. Logan, Woodstock	96*
6	H. V. Belver, New Market	26**
7	Leonie Katon, New Market	46
8	Frank Miller & Sons, M. Jackson	54
9	Eugene H. Smith, Gulesburg	14
10	F. L. Finer, Edinburg	43**
11	Ernest Keller, Tom Brook	36
12	Rufus Krupp, M. Jackson	62**
13	Sidney and Cecil Bauserman, Tom Brook	38
14	Signal Knob Farm, Strasburg	104
15	Victor Stuever, Luray	32
16	Cecil Fretwell, Tom Brook	29
17	Richard Long, Luray	60
18	Long Prothers, Stanley	62
19	Glen Bolla, Tom Brook	37
20	Thomas Raffle, Woodstock	48
21	G. Thomas Sollenberger, Woodstock	141**
22	Walter Tancoy, Luray	46**
23	P. G. Wenger, Jr., Woodstock	97**

Total Cows Enrolled ... 1,276

* These sixteen herds are located in Shenandoah County.

** These seven herds are now using our BHA Central Record Processing.

Shenandoah County is honored to have one of its members, Mr. William R. Logan, serving as President of the Virginia Federation of Dairy Herd Improvement Association. This Federation is composed of sixty-one local BHAs in Virginia. The State Federation on November 1, 1960 had 1,124 herds enrolled with 97,795 cows.

3. Check on the possibilities of organizing a second BHA that will serve our Shenandoah County area.

During our annual meeting of the Shenandoah-Park BHA it was brought out that there were other dairymen who wanted to enter the BHA Program. Since our first supervisor, Mr. Jordan, had all the herds which he could handle it would be necessary to secure a second supervisor if there were enough herds interested to justify it.

Dr. W. A. Truban, our local veterinarian, discussed "The Proper Use of Chemicals Around the Dairy Farm". County Agent J. Carl Geiner and Assistant County Agent Dale L. Blaser showed and explained a set of slides on "Mastitis Prevention and Control".

2. Help stage the Annual Shenandoah-Jago Dairy Herd Improvement Association School. Establish each DNIA herd in the county as a demonstration herd.

How many times have you heard this said, "My cows aren't good enough for me to join a Dairy Herd Improvement Association"? Some folks have the idea that DNIA is a kind of club that only dairymen with high producing cows can join. Actually, the DNIA program is an Extension sponsored tool to help each dairyman to increase the producing efficiency of his herd.

There is no magic in DNIA. But, by belonging to a Dairy Herd Improvement Association dairymen get records that help to:

1. Feed each cow for maximum economical production,
2. Cull the unprofitable cows accurately,
3. Select heifer calves from only the better cows in their herd, and
4. Get better prices for their surplus cattle.

DNIA will enable dairymen to make dairying pay the record way.'

Our Annual DNIA School was held at Woodstock on February 22nd with nineteen people attending. Ten of the twenty-three herds enrolled in the association were represented. Mr. William Griffith, Assistant Extension Dairy Specialist at V.F.I., discussed Cow Life Replacements, New Record Processing, Yearly Comparisons and Feeding Program with the group.

During a business meeting of the association the following officers were elected: President - Cecil Fravel, Toms Brook; Vice President - Richard Long, Luray; Secretary - William Miller, Mt. Jackson; and Treasurer - William H. Logan, Woodstock. Cecil Fravel was named as the association's delegate on the Virginia Federation of DNIA's. Three directors were elected for two year terms. The Board of Directors is now composed of:

Two Year Terms

Nelson Long, Stanley, Va.
Edwin Baker, Timberville, Va.
William Miller, Mt. Jackson, Va.

One Year Terms

Richard Long, Luray, Va.
Cecil Fravel, Toms Brook, Va.
W. H. Logan, Woodstock, Va.

d. Judging crops and vegetables at the Luray Fair; e. Giving assistance on crop disease and insect problems—examples - yellowing in alfalfa, aphids, spittlebug and weevils in alfalfa; and f. Taking farmers to visit Experimental Stations where research is being conducted.

B. Dairy

Dairying is on the move in Shenandoah County. The 1959 Agricultural Census lists 91 farms where dairying is the major activity. Most of our increase has been with Grade A and other larger dairy operations. Many of our small operators have ceased production. The census reports that in 1959 we had 5,518 milk cows on 909 farms. In 1954 we had 6,376 milk cows on 1,213 farms. The State Department of Agriculture at Richmond estimates that on January 1, 1960 Shenandoah County had 7,000 milk cows. The census reports that in 1959 we had 698 farms selling \$868,460. worth of milk and cream. In 1954 there were 1,020 farms that sold \$628,410. worth of milk and cream.

At the present time we have three active dairy organizations operating in Shenandoah County which are as follows: (1) Shenandoah County Dairymen's Association, (2) The Shenandoah-Pago Dairy Herd Improvement Association, and (3) Shenoe Breeders, Inc. Each of these associations have an active Board of Directors. Most of our Extension planning in dairy activities were carried out through recommendations and discussions of these committees. Without exception all of the plans and programs outlined under Agronomy can and should be executed by the dairy farmer, therefore we will not duplicate them there.

Dairy activities which the County Extension Staff participated in during the year were:

1. Assist with the Educational Program of the Shenandoah County Dairymen's Association. Select a Dairy Theme to emphasize during the year.

The Board of Directors of the Shenandoah County Dairymen's Association held a Planning Committee Meeting at the County Agent's office on Wednesday evening, February 10, 1960 beginning at 8:00 p.m. Present for this meeting were: W. H. Logan - Chairman, Earl May, Harry Bagwell, and Harold Frye all dairymen, and County Agent J. Carl Geiser. During 1959 the Association's theme was "Marketing Dairy Products". The theme selected for 1960 is "The Health of Dairy Cattle and Proper use of Chemicals with Relation to the Dairy Industry".

One of the activities of this group during the year was to sponsor an educational meeting on disease control. This meeting was held at Woodstock on March 7th with twenty people attending.

An educational program was conducted by the County Agent's office to get this message across to those concerned. Newspaper articles, circular letters, radio broadcast, talks at meetings and individual contacts were all employed to get the message across. Now we feel that most of our people are aware of this problem of harmful chemical residues. They will be more cautious and pay more attention to labels when using these chemical products.

6. More emphasis should be placed on soil variations in our crop and livestock production efforts.

The agents have attended soil schools and are trying to pass along some of the knowledge received to our people. Local classes on soils have been taught. One Rotary Club, three Nuritan Clubs, one Garden Club, two high school Science Classes and six 4-H Clubs have all been given information on this subject. Soil types are also considered when making recommendations on soil sample tests, crop rotations, selection of crops and in some cases variety of seed to use.

7. Forage crops need to be checked for minor element deficiencies.

In 1959 the County Agent selected ten farms in Shenandoah County from which forage clippings were taken for minor element tests. On May 12, 1959 a team of scientists from V.P.I. consisting of H. C. Porter, Soil Scientist; Nelson O. Price, Biochemist and Dr. W. A. Harrison of the Dairy Department accompanied County Agent Geiner on a tour of these ten farms. They collected around thirty samples of forage. Different types of forage, soil, farming and location in the county were all considered in selecting these ten farms. Mr. Porter identified the soil type from which each forage sample was collected. Samples will be collected from the same spot each year for a three year period. All will be analyzed for minor element content to determine which minor elements, if any, need to be added to balance a ration. Our 1960 forage collections were made from these ten farms on May 17, 1960. The project has one more year to run before results can be announced. Farmers cooperating in this project are: Paul E. Swecker, Earl Williams, Jack Hockman, Cecil Pravel, Alfred Goeppencur, John Nassie, Frank Barris, Gilbert Showman, Mt. Airy and M. W. Helvey.

8. Other Agronomy Projects.

Some of the other projects which the County Agent's office concentrated upon during the year were: a. Assisting with the Shenandoah County Corn, Grain and Egg Show held at Central High School in Woodstock on December 10th; b. Giving recommendations on seeding lawns and playgrounds at our three new consolidated high schools; c. Establishing and improving lawn at the Woodstock Recreation Park;

Through the cooperation of Mr. Allen Fales, Weed Specialist from U.P.I., five weed control demonstrations were conducted in Shenandoah County during the middle of April. Three thistle control demonstrations were staged as follows:

- a. Tuesday afternoon, April 12th, 1:30 p.m. - C. Wade Downing farm at Grenda in the northern section of Shenandoah County. Thirty-six people attended. (Thank Thistles)
- b. Tuesday afternoon, April 12th, 3:30 p.m. - William E. Logan farm north of Woodstock just off of U.S. 11. Twelve people attended. (Thank Thistles)
- c. Wednesday morning, April 13th, 9:30 a.m. - Willis Foreman Foreberry farm south-west of Mt. Jackson on the Richwood-Forestville Road. Ten people attended. (Thank Thistles)

On these demonstrations 2,4-D Bacter was applied at the rate of one and one-half pounds per acre. Later in checking we found that excellent results were obtained.

Two weed control demonstrations on lawn were staged at Woodstock. Zypren was used on crabgrass. 2,4-D Bacter was used on another lawn to kill onion, plantain and dandelion. Here too, we found that excellent control had been obtained.

Later in the year on September 18th, Mr. Yates returned to consult with farmers on their individual weed problems. Weeds encountered were: Johnson Grass, spiny fleeced, stibweed, henbane and sunno. During 1961 we hope to conduct some weed control demonstrations in corn. During the year we advocated the use of Chloro IPC and Dinitro to control chickweeds in alfalfa. These materials were applied while alfalfa was in the dormant stage. Very good results were obtained.

5. Chemicals used in the Control of Alfalfa Weevil must be restricted.

About the time we were getting good control of alfalfa weevil with heptachlor spray this practice was ordered discontinued by new Fure Food Law regulations. The boom was lowered in 1960. A deadline of March 1960 was issued for using heptachlor on the alfalfa crop. Only granulated or heptachlor mixed with fertilizer would be permitted. No heptachlor spray could legally be used during 1960. October 15, 1960 was established as a deadline for using any form of heptachlor on alfalfa to be harvested during 1961. Granular-heptachlor and heptachlor-fertilizer mixtures only could be used even in a fall application. These restrictions were issued to avoid contaminating milk, milk products, meat and meat products with harmful chemical residues.

The Agricultural Census points out that during 1959 we had 8,199 acres of alfalfa and alfalfa mixtures that were cut for hay on 534 farms as compared to 4,960 acres on 441 farms in 1954. On this acreage 20,195 tons of hay were produced in 1959 as compared to 8,247 tons in 1954. Part of this low yield in 1954 was due to weather conditions, however, a good increase in both acreage and tonnage was obtained. In 1959 we had 95 farms selling 2,349 tons of alfalfa hay while in 1954 there were 37 farms that sold only 702 tons of hay.

3. The use of agricultural lime is on the decrease.

Farms should use more lime. In many cases more fertilizer could also be used to secure higher yields.

Some progress has been made in this direction. According to our Agricultural Census during 1959 we had 293 farms using 8,262 tons of lime on 5,137 acres. In 1954 there were only 140 farmers reporting the use of lime. They used 2,535 tons on 1,380 acres.

The fertilizer picture is presented as follows:

	<u>1959</u>	<u>1954</u>	
Commercial fertilizer and fertilizing materials used during the year. Farms reporting	971	1,153	
Acres on which used	22,095	28,021	
Crops on which fertilizer was used - 1959 figures:			
	<u>Farms Reporting</u>	<u>Acres</u>	<u>Tons</u>
Hay and Cropland Pasture	302	4,380	1,679
Other Pasture (not cropland) ...	122	1,517	586
Corn	614	7,710	1,361
Wheat	406	3,350	674
All other Crops	428	5,138	933
Totals	22,095	5,233	

Recommendations on the proper use of lime and fertilizer were a regular part of our Extension Program during 1960. In our work with individual farms, soil sample tests were used as a basis for making recommendations. The County Agent's office had 396 soil tests made during the twelve month period covered in this report. Other Agricultural Agencies also submitted samples for test. The amount of lime and fertilizer to use on the individual crop was suggested by results of these soil tests.

4. Weed Control Program needs to be pushed. Thistles, Johnson Grass and Devil Weed are cited as being on the increase in Shenandoah County. Chickweed is also a problem in many alfalfa fields.

The committee then studied an informational leaflet which the County Agent's had prepared. This sheet contained the following information: Number of tons and analysis of fertilizer used in the county during a six month period; Crop acreage and yields, including row crops, small grain and forage crops; Pasture acreage; Idle land; Privately owned woodland; Cropland; County livestock inventory; Feed cost comparisons and Certified Crop acreage.

With this basic information as a background the committee next selected and discussed some county problems in relation to agronomy activities.

Some of the major agronomy activities that were carried on during the year as selected by the committee were as follows:

1. Conduct a County Agronomy School during 1960.

This school was held at Woodstock, Va. on January 20th, with 95 people attending. The following program was presented:

Chairman - J. Carl Coiner, County Agent

A.M.
10:00-10:35 -- Growing Alfalfa in Shenandoah County - W. W. Lewis, Extension Agronomist, V.P.I.
10:35-10:40 -- Discussion
10:40-11:15 -- Using the Right Fertilizer in Shenandoah County - H. L. Dunton, Head, Agronomy Department, V.P.I.
11:15-11:20 -- Discussion
11:20-11:55 -- Controlling Weeds in This Area - A. W. Kates, Associate Extension Weed Specialist, V.P.I.
11:55-12:00 -- Discussion
P.M.
12:00-1:15 -- Lunch
1:15-1:50 -- Growing and Using Silage - H. E. Blaser, Professor of Agronomy, V.P.I.
1:50-2:15 -- Discussion
1:55-2:30 -- Panel - What About the Pastures of Shenandoah County? - W. W. Lewis, Moderator; H. L. Dunton, H. E. Blaser and J. Carl Coiner
2:30-2:40 -- Discussion
2:40 -- Adjourn

2. Continue to promote larger acreages of alfalfa in Shenandoah County.

Through an educational program, collection of soil samples, Agricultural Conservation Program participation and cooperation with allied industries, there has been a substantial increase in alfalfa acreage in Shenandoah County during the past five years.

4. That various phases relating to that particular committee be represented; and 5. That the person be broad minded enough to see beyond his farm boundaries.

After the committee has been assembled it is given background information on their particular subjects, problems are isolated, and methods of solving them are suggested. In most cases the committee aids in carrying on the program that has been worked out.

During 1960 the following Program Planning Committees were established to carry on the adult program: A. Agronomy, B. Poultry, C. Horticulture, D. Livestock Marketing, E. Feeding and F. Fowells' Fort Valley Organization Camp.

With these committees the County Agents executed four steps which are as follows:

1. Making an inventory of available resources.
2. Planning the program.
3. Forming or execution of the plans.
4. Evaluation and reporting.

It is now our purpose to present a brief outline of these Program Planning activities.

A. Agronomy

The Shenandoah County Extension Agronomy Planning Committee Meeting for 1960 was held at the Shenandoah County Agent's office in Woodstock, Va. on Thursday afternoon, January 14th. Committee Chairman, W. W. Middleton called the meeting to order at 1:30 P.M. with the following present: G. G. Rosen, Jr., John Hollingsworth, G. Louis Stickleler, Robert Rainier, W. W. Helvey, Ieal L. Beecher and W. W. Middleton all of whom are Farmers. Also G. H. Clark, District Extension Agent, J. Carl Colmer, County Agent and Dale L. Flasser, Assistant County Agent.

Mr. Colmer showed the committee some of the fruits of their labor in previous years of studying agricultural trends and selecting problems in the realm of agronomy in Shenandoah County that needed attention. Copies of the County Extension Annual Statistical Report, Annual Narrative Report, Plan of Work and Long Range Plan of Work prepared by the County Extension Staff were displayed and studied in relation to the County Agronomy Program. Mr. Colmer defined and gave examples of essential terms such as objectives, goals, plan of work, program of work, short time goals and long range goals. The committee was requested to consider agronomy trends and problems on the broader county scale rather than to concern themselves with minor details.

One of our 1960 objectives has been to get the County Agent's office and the Home Demonstration Agent's office located closer together. Since we have only one secretary we need to have a closer office connection. The offices are now two blocks apart and both are on second floors. It now appears that space will be made available so that our offices will join each other, thus affording an opportunity for more efficient operation.

Our County Home Demonstration Agent, Miss Gellie F. Wetzel, will present a summary of her activities in a separate narrative report. Therefore, this narrative report will cover the activities of the Shenandoah County Agents office as reported by County Agent J. Carl Coiner, Assistant County Agent Dale L. Blauer, and typed by our office secretary Miss Jane Painter.

IV. PROGRAM PLANNING ACTIVITIES

During the first part of 1959 our Shenandoah County Extension Staff sought out statistics, called together special program planning committees of local county people and prepared a Long Time Extension Program for Shenandoah County. Objectives and Goals were established for a five to ten year period.

Each year prior to March 1 the County Agent's office prepares and submits a yearly Plan of Work. This yearly Plan of Work attempts to seek out problems and methods of overcoming them during the year. Yearly goals and objectives are established using the Long Time Extension Plan as background material. This yearly Plan of Work is the Extension Agent's blueprint which outlines what part he will play in carrying on the major activities which he will be dealing with during the year.

Part of this narrative report will be an attempt to outline who did the program planning, the problems selected and the results accomplished. This narrative report will be concerned with major activities and will not attempt to cover the day by day activities of its agents which are of a great variety and numerous in proportion.

About one-third of the agents' time during the year is spent on Program Planning activities. How do we go about Program Planning? First a County Staff Meeting is held to determine the major fields of operation that will be concentrated upon. After this has been decided appropriate committees will be established. Many of these committees will have served previously on the same committee. Inactive committeemen will be replaced. In selecting a committee the following points are taken into consideration: 1. That various age groups be represented; 2. That all sections of the county be represented; 3. That the person selected will participate in the discussion;

Road Facilities listed by 1687 Shenandoah County Farms for 1959 were as follows:

Farms by kind of road on which located:

1. Hard Surface 713
 2. Gravel or Shale 319
 3. Dirt or unimproved 576
- a. Less than one mile to hard surface road - 301
 - b. One to four miles to a hard surface road - 275

Specified Facilities and Equipment by Farms reporting for 1959 are: Telephones - 1339; Home Freezers - 842; Milking Machines - 167; Electric Milk Coolers - 156; Crop Driers - 17; Power operated elevators, conveyors or blowers - 122; Grain Combines - 102; Corn Pickers - 99 farms reporting 104 pickers; Pick-up Hay Balers - 289 farms reporting 295 balers; Field forage harvesters - 18; Motor-trucks - 699 farms reporting 885 trucks; Tractors - 1177 farms reporting 2081 tractors; Tractors other than garden - 917 farms reporting 1293 tractors. One tractor - farms reporting 672, and two tractors - 245 farms reporting. Wheel tractors - 912 farms reporting 1251 tractors. Crawler tractors - 42; Garden tractors - 792 farms reporting 788 tractors. Automobiles - 1287 farms reporting 1487 autos.

Other comparisons between the 1959 and 1954 Agriculture Census reports will be continued throughout this report. This is one way we can evaluate the degree of progress which has been made during the past five years.

III. PERSONNEL

In Shenandoah County we have four Extension Service employees. For the first time in many years our staff remained intact during the entire twelve month period without any changes in personnel. Our four staff members include: Our County Home Demonstration Agent, Miss Sallie F. Wetsel; County Agent, J. Carl Coiner; Assistant County Agent, Dale L. Blaser; and Office Secretary, Miss Jane Painter.

Not only are these staff members active at the local level, but some hold responsible positions in their professional societies. Miss Wetsel is now serving as State Treasurer of The Virginia Home Demonstration Agents Association. Mr. Coiner is Chairman of the Relationships Committee of the Virginia County Agents Association. Recently he was selected as Vice Chairman of the Relationships Committee for the Southern Region of the National County Agents Association. The Southern Region includes thirteen southern states which have almost half of the entire membership of the National County Agents Association of some 5,199 members.

<u>Acres</u>	<u>1959</u>	<u>1954</u>	<u>Loss or Gain</u>
70 to 99	208	237	Loss 29
100 to 139	167	193	Loss 26
140 to 279	122	122	Same
180 to 219	88	83	Gain 5
220 to 259	55	55	Same
260 to 499	116	134	Loss 18
500 to 999	44	30	Gain 14
1000 to more	5	4	Gain 1

Farms by Economic Class for 1959 were as follows:

1. Commercial Farms	664
Class I (Farms with sales of \$40,000 or more)	23
Class II (Farms with sales of \$20,000 to \$39,999) .	21
Class III (Farms with sales of \$10,000 to \$19,999) .	75
Class IV (Farms with sales of \$5,000 to \$9,999) ...	165
Class V (Farms with sales of \$2,500 to \$4,999)	280
Class VI (Farms with sales of \$50. to \$2,499)	100
2. Other Farms	975
a. Part time (operator under 65 years of age, and working off farm 100 or more days or with income from other sources greater than farm products sold and sales of farm products \$50. to \$2,499)	640
b. Part retirement (operator 65 years old or over and sales \$50. to \$2,499)	335

Farm operators were listed as follows:

<u>By Color</u>	<u>1959</u>	<u>1954</u>
White Operators	1615	2055
Non-white Operators	2	1
<u>By Tenure</u>		
Full Owners	1269	1667
Part Owners	241	234
Managers	9	14
All Tenants	98	141
Proportion of Tenancy	6.1%	6.9%

II. TYPE OF AGRICULTURE

Shenandoah County is situated in the northern part of the great Shenandoah Valley and is bounded on the east by the Mountain Northfork and on the west by the North Mountain of the Alleghenian. The north fork of the Shenandoah River, from which the county takes its name, meanders in a northeasterly direction throughout the entire length of the county. About one-half of the county is embraced in the mountainous sections which are broken by narrow valleys on both the east and west sides. The remaining central section is located between the two mountain ranges where most of the farms are located. The topography is mostly rolling to hilly with some level land along the river and main feeder streams. The soil is derived primarily from limestone, shale and sandstone rocks.

A preliminary report on the 1999 Census of Agriculture for Shenandoah County has just been released. The figures which we will quote in this section of our narrative report will be taken from this preliminary report. Final data for each county and state will be contained in a state report to be published early in 1961. Production data and comparisons cited will relate to the entire crop of the calendar years 1999 and 1954. For the 1999 census the definition of a farm was changed thus the census data will be on 1,617 farms in Shenandoah County for 1999 as compared to 2,696 farms in 1954. This change in definition accounts for 179 of the 679 farm decrease.

The 1999 Agricultural Census reveals that Shenandoah County has a land area of approximately 324,480 acres or 507 square miles. Of this land area 165,196 acres or 57.1 percent was in farms. This is a 2.5 percent decrease from the 59.58 percent of land in farms in 1954. The new Federal highway system has not yet collected its acreage from Shenandoah County Farms. In 1954 we had 197,330 acres of land in farms. The average size of farm in 1999 is 114.5 acres as compared to 94 acres in 1954. Most of this increase in size seems about by the change of the definition of a farm from three or more acres in 1954 to ten or more acres for the 1999 census.

The average farm value of land and buildings was estimated at \$13,499. In 1999 compared to \$10,734. in 1954. The average value of land and buildings per acre was \$124.28 in 1999 and \$114.37 in 1954, which is an increased value of \$9.91 per acre.

Acreage of farms by size have been classified as follows:

ACRES	1999	1954	Land or Bldg
Under 10	168	499	Less 241 (mostly by definition)
10 to 49	485	604	Less 119
50 to 69	159	185	Less 26

Decreases in population have been noted in both the rural and large city areas. Suburban areas have absorbed most of our expanded population thus giving the Extension Service a new field of operation. We of the Extension Service, like other business and professional people, fully realize that we cannot continue to do today's job with yesterday's methods and be in business tomorrow. "Change and Challenge of the 60's" will be our slogan. New methods and avenues must be adopted and many of our older concepts must be discarded to meet the challenges and responsibilities of our era. The present frontiers of knowledge are in the minds of the people with educational processes playing a very important role if we are to move forward.

Efficiencies in agriculture are being employed by those who are to survive. A century ago over 80 percent of our American population was engaged in agriculture. Now one United States farmer produces enough food to feed himself and twenty-three others. Agriculture is one field in which Russia is far behind the United States. The present Russian farmer, under their system, is only able to produce enough food to feed himself and one other person. Our efficiency of operation however is gradually decreasing the number of people in this country who are engaged in agricultural pursuits. Less than ten percent of our present population is now being enrolled in our agricultural ranks. If necessary we can do the job with still less people. Fewer people in our country now have an agricultural background. Thus the influence of farmers in our Legislative Halls is decreasing.

At present the farmer's share of the consumer's dollar is around 38 cents. It is true that the cost of the food market basket has increased during the last ten years, but who is receiving this benefit. Our U.S.D.A. figures reveal that of this increase higher labor costs added \$130; transportation added \$93; other business costs added \$69; higher Federal taxes added \$4, while increased farm prices added only \$3. The "Farm Food Market Basket" refers to all farm food products bought by the average family in one year.

Even with our population increases the amount of productive farm land in this country is decreasing. The new federal highway program alone will take out over one and one-eighth million acres of farm land.

We cite a few of these trends to point out the fact that the future of the Extension Service will be devoted to program planning and other educational features rather than personal service activities such as collecting soil samples, vaccinating cattle and doctoring sick chickens. As our farm population continues to decrease our task of Public Relations with other segments of our population will assume greater importance.

The act required that the main subjects taught should relate directly to agriculture and the mechanic arts, without excluding classical and other scientific studies, and that military instruction should be given.

School first opened at V.P.I. on October 1, 1872 with 132 students enrolled. In eighty-eight years V.P.I. has grown and now has the largest under graduate enrollment of any college in Virginia. Several years ago the State Teachers College at Radford became a part of V.P.I., thus affording educational opportunities for a large number of women as well as men.

Through County and Home Demonstration Agents, the V.P.I. Extension Service serves the communities in all counties of the state. Extension Service Staff are members of the V.P.I. faculty. Thus the campus at V.P.I. is extended to cover the entire state with this unique system of education.

In addition to adult education over 70,000 boys and girls were enrolled in 4-H Club work during the past year. In their 4-H Club Program these young people study scientific methods in agriculture and home economics, learn to take responsibility by carrying project activities and learn to work together in 4-H Club meetings and group activities. The whole purpose of the 4-H Club Program is to help young people develop their potential and become responsible, effective citizens. This program is supervised by the Agricultural Extension Service.

So successful has our Extension Program been that many other nations throughout the world are attempting to copy it. Under our plan, as it operates, the Extension Service seeks to bring and apply findings of the research scientist to a practical application in the homes and on the farms of rural America.

As our college president, Dr. Walter S. Neuman, recently stated, "Today more people are recognizing that the greatest resource of a nation is not mineral wealth or capital mechanism, but in the minds of its people...human brain power. The ultimate weapon of today's space age is knowledge. Survival of civilization and the continuance of our nation as the leading democracy and stronghold of the Free World Nations demand a larger percentage of constructive thinking people with a broader and deeper capacity for making wise decisions".

The year 1960 ushered in a new decade in the history of American Agriculture. As of November 23, 1960 our national population reached 182 million people, which is an increase of 2 million over that recorded in April of the same year. We are still in the midst of a rapid expanding population surge. During the past ten years Shenandoah County had a two percent increase in population from 21,151 people in 1950 to 21,585 during 1960. This is a gain of 434 people or an average of 43.4 per year.

SECTION ONE

THE ADULT EXTENSION PROGRAM

I. INTRODUCTION

We submit herewith our Annual Narrative Report for the Shenandoah County Agent's Office for our past Extension Year which covers the period December 1, 1959 to December 1, 1960. As we approach this report let us keep in mind that the function of the Extension Service is an educational one. Our job is to give the people the facts so that they may arrive at intelligent decisions. Therefore, the chief function of the Extension Service, which includes the County Agent's office, is "to Teach". Education has been defined as "the production of changes in human behavior". This implies that if a change in attitude has not been brought about then the educational process is incomplete. Many of our rural people, particularly the older generation, are slow to make changes, therefore, the wheels of progress often grind very slowly. Thus the old adage of "Learn to Labor and to Wait" must often be applied. In our field of Extension work the forces of education and public relations are often employed to reach our objectives.

The Extension Service has often been defined as the Educational Arm of the United States Department of Agriculture. Although Extension work was being conducted in our farm or another as far back as 1903 it was not until 1914 that Congress gave official sanction to the movement with the enactment of the Smith-Lever Act.

Extension work in a three pronged operation conducted under the sponsorship of County, State and Federal Governments. The Extension Service is one of three divisions of our College of Agriculture, The Virginia Polytechnic Institute, located at Blacksburg, Virginia. These three main divisions are: 1. The Virginia Agricultural Experiment Station which conducts research in agriculture; 2. The Virginia Agricultural Extension Service which has charge of numerous activities for the instruction and encouragement of the people of the State in agriculture and home economics; and 3. The Division of Resident Instruction which administers the courses in agriculture and related subjects at the college.

V. P. I., our Land-Grant College for Virginia, was established in 1872 as The Virginia Agricultural and Mechanical College under provisions of the Land-Grant Act of 1862. The Land-Grant College Act passed by the United States Congress and signed by President Lincoln in 1862, provided for a large tract of Federal land to be granted to each state, the proceeds from the sale of which were to establish state colleges.

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