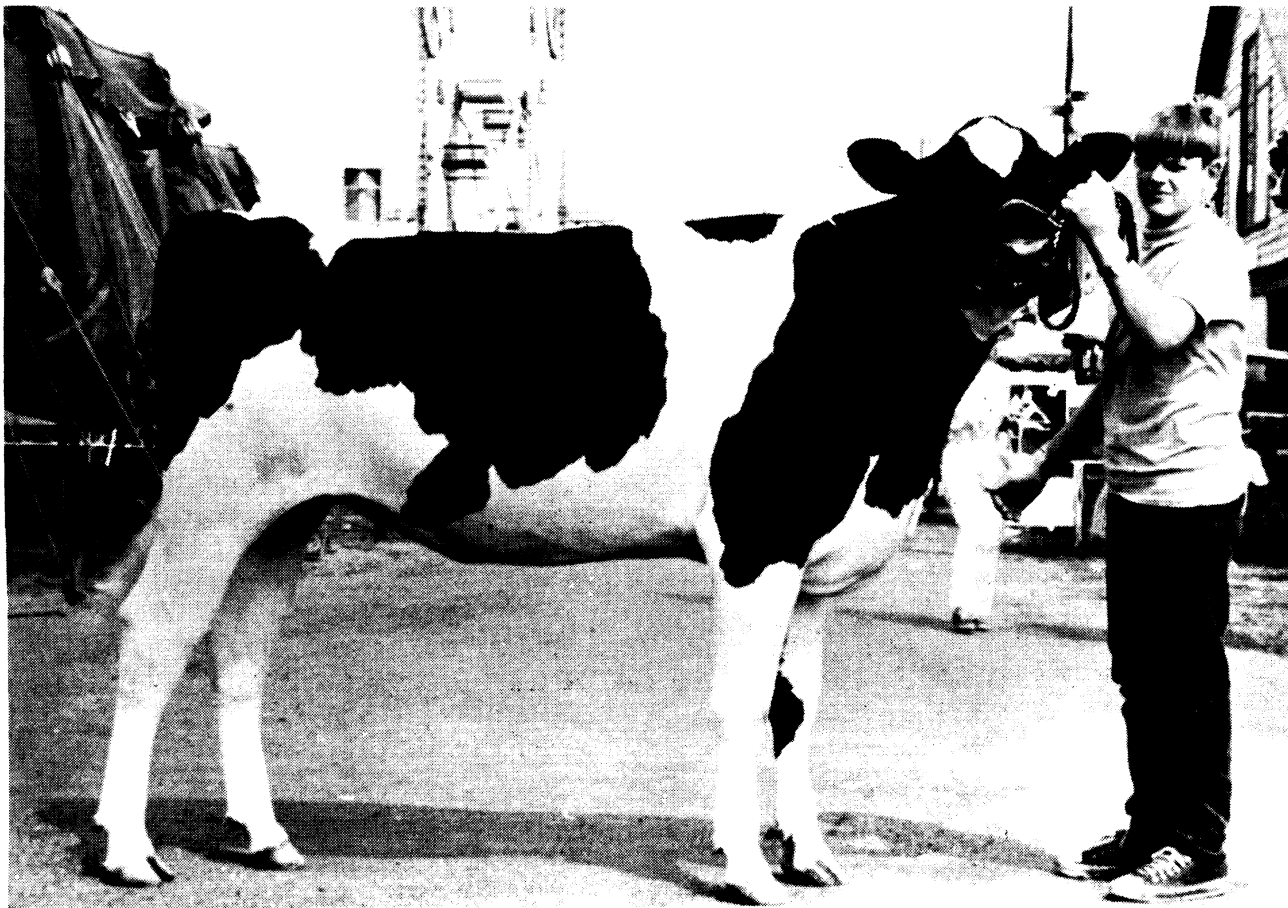


virginia's dairy youth opportunities



1974

MD-5
Revised March 1974

Extension Division
Virginia Polytechnic Institute
and State University

COOPERATIVE EXTENSION SERVICE
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
EXTENSION DIVISION
Blacksburg, Virginia 24061

Dear 4-H'er, Leaders and Extension Agents:

The dairy youth in Virginia are fortunate to have the interest and support of outside individuals and organizations. The Cooperative Extension Service is working in cooperation with:

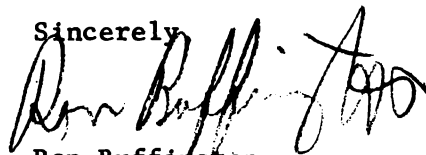
American Dairy Association of Virginia
Atlantic Rural Exposition
National Dairy Council
Virginia A. B. S.
Virginia Animal Breeders Association
Virginia Ayrshire Breeders Association
Virginia Brown Swiss Breeders Association
Virginia Guernsey Association
Virginia Holstein Association
Virginia Jersey Breeders Association
Virginia Purebred Dairy Cattle Association
Virginia State Dairymen's Association

This publication is for the use of interested dairy youth and for the parents, leaders, agents, and instructors of the youth. The intent of "Virginia's Dairy Youth Opportunities" is to provide a single reference book for all the activities available for a youngster interested in dairy.

It must be noted here and always that the boys and girls and their development through conducting the project and taking part in 4-H meetings and activities is much more important than the project and its development. Use the projects and a variety of 4-H activities to provide the boy and girls with experience important to their four-fold development.

Your contributions to the growth and development of boys and girls through the 4-H dairy program are greatly appreciated. This booklet on 4-H dairy opportunities is designed to assist you, the adult 4-H dairy project leader, in locating good materials for planning and conducting an effective 4-H program.

Sincerely,



Ron Buffington
Extension Specialist, Dairy 4-H Youth

Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U. S. Department of Agriculture. W. E. Skelton, Dean, Extension Division, Cooperative Extension Service, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061.

Table of Contents

	<u>Page</u>
<u>Dairy Educational Materials</u>	
4-H Dairy Record Books.....	2
Top Dairy Guidelines.....	3
Dairy Slide Sets.....	4
Agricultural Movies.....	5
National Dairy Council.....	6-7
 <u>Scholarships</u>	
Scholarship, VPI & SU.....	8-9
Scholarship, Guernsey.....	16
 <u>Poster Contest</u>	
Rules.....	10
Score Card.....	11
 <u>Breed Activities</u>	
Dairy Goats.....	12
Ayrshire Outstanding Youth.....	13
Brown Swiss Activities.....	14
Guernsey Activities.....	15
Holstein Distinguished Junior Member.....	17-18
Holstein Junior All-Virginia.....	19
Jersey Outstanding Youth.....	20
Production Awards, All Breeds.....	21-22
Dairy Beef.....	23-24
 <u>State Fair</u>	
A.R.E. Schedule of Events.....	25
A.R.E. Entry Blank.....	26
A.R.E. County Exhibit.....	27
A.R.E. Genetic Value Classes.....	28
A.R.E. Judging Contest.....	29
A.R.E. Cow Production Awards.....	30
 <u>Club Recognition</u>	
Outstanding 4-H Club.....	31-32
State 4-H Convention Activities.....	Inside Back Cover
Calendar of Events.....	Outside Back Cover

4-H Dairy Record Books

ORDER FORM

<u>Code</u>	<u>Record Book</u>	<u>Purpose</u>	<u>No. Needed</u>
MD-5	Va. Dairy Youth Opportunities 1974	Summary of available material and programs	_____
MD-16	My Friend the Cow Coloring Book	Pre-4-H Children	_____
DG-601	Dairy Activity Book	Second and Third Grade Children	_____
MD-C1	Introduction to Dairying	4-H'ers in school clubs	_____
RB-59	Dairy Animal Record Book	4-H'ers with 1 or more animals	_____
RB-60	Calf Raising Record Book	Handbook for raising a calf or project book if you do not own a calf	_____
RB-92	Dairy Beef Record Book	4-H'ers with a dairy steer	_____
DC-286	Veal Production (Accompanies RB-92)	4-H'ers with a veal calf	_____
4-H 26	Your Dairy Goat	4-H'ers with a goat	_____
RB-96	4-H Dairy Goat Record Book	4-H'ers with a goat	_____
FST-15	Dairy Foods Record Book	For those who want to learn about milk	_____
CARN	New Now Nutrition	For those who want to learn about nutrition	_____
FB-2111	Judging and Scoring Milk	Judging milk and milk products	_____
MD-18	Virginia 4-H Dairy Judging	Judging dairy animals	_____
PC-20	Parts of a Cow	Identifying parts of a cow quiz	_____
M-4-1	Dairy Cattle Judging Made Easy	Judging dairy animals	_____
HFA	Judging Registered Holsteins	Judging dairy animals	_____
PNW-91	4-H Dairy Science Project	This project emphasizes the "whys" of dairying	_____

* * * * *

County _____ Date _____

Club Member, Leader, Agent or Instructor _____

Address _____

Send to Dairy Youth Office, 401 Saunders Hall, VPI & SU, Blacksburg,
Virginia 24061.

Top Guidelines

DAIRY FACTS FOR EAGER YOUTH

<u>No. Needed</u>	<u>Topic</u>	<u>Title</u>	<u>Code</u>
	Fitting and Showing		
_____		Exhibitor's Show Box	DG-675
_____		Clipping An Animal For Show	
_____		How To Make A Rope Halter	DG-677
_____		Plan for Calf Blanket	DG-678
	Breeding		
_____		A Practical Dairy Cattle Breeding Program	DG-80
_____		Bull Books From All 4 Studs	
_____		Holstein Sire Hot List	MD-2
_____		Va. Tech A.I. Sire Summaries	MD-3
	Feeding		
_____		Low-Cost Rations for More Milk Dollars	DG-104
_____		A Guide for Feeding Dairy Cows	DG-105
_____		Using Wheat or Soybeans in the Dairy Rations	DG-127
_____		Forage Testing--A Useful Tool	DG-153
	Milking		
_____		Recommended Milking Procedures	DG-275
_____		Mastitis Facts For Dairyman	DG-279
_____		How To Clean Milking Machine Lines	DG-476
_____		Cleaning and Sanitizing Milking Equipment	DG-478
	DHIA		
_____		Va. DHIA Program Summary	DG-375
_____		Why Butterfat Tests Vary	DG-400
_____		Estimating the Cost of Producing Milk	DG-525
	Dairy Products		
_____		Care of Milk on the Family Farm	DG-500
_____		Wholesome Milk for Health	DG-625
_____		Making Cottage Cheese in the Home	DG-503
_____		Homemade Cultured Milk Products	DG-504
_____		Homemade Frozen Dairy Products	DG-502
_____		Making Cream Cheese at Home	DG-505

Send to Dairy Youth Office, 401 Saunders Hall, VPI & SU, Blacksburg, Virginia 24061.

Dairy Slide Sets

The following slide sets are available from the Dairy Extension Office, 401 Saunders Hall, VPI & SU, Blacksburg, Virginia 24061. Please order well in advance of showing date.

		<u>Date Needed</u>
SS1	<u>Business Side of Dairying</u> . Louis Longo, a dairy farmer, tells of his success in dairying. He lists practices necessary to operate a successful operation. This is a 28-minute slide show with a tape recording. Excellent for parent-member meeting.	_____
SS2	<u>June Dairy Month Poster Contest</u> . A slide series of posters made in previous years is available to give 4-H'ers ideas in making new posters.	_____
SS3	<u>Milk Is a Bargain</u> . This slide series was produced by American Dairy Association and is excellent in the promotion of milk as a fine food buy.	_____
SS4	<u>Dairy Anatomy Study</u> . This set of very colorful slides explains the parts and functions of a dairy cow.	_____
SS5	<u>Holstein Descriptive Type Classification</u> . The Holstein Association has an excellent analysis of the new descriptive type program. The 40 slides illustrate how a cow is classified.	_____
SS6	<u>Calf Raising</u> . Caring for baby calves is an exciting and special art. Different practices are illustrated in the slide program.	_____
SS7	<u>Evaluating Pedigrees</u> . Michigan State produced this excellent slide and tape show for youth to learn about what is important in evaluating a calf's pedigree. It is 18 minutes long. An A.I. representative should be at the meeting to talk about bulls and bull books.	_____
SS8	<u>Introduction to Dairy Judging</u> . A slide series for the beginning judges, produced by Dr. Dennis Hartman, Dairy Youth Specialist, New York.	_____
SS9	<u>Intermediate Dairy Judging</u> . These slide classes of 4 cows each (2 classes per breed) give all dairy youth an opportunity to judge and discuss the cows while still on the screen.	_____
SS10	<u>Advanced Holstein Judging</u> . Sixteen slide classes of nationally famous Holstein cows were used to produce these classes. Excellent for final training of judging teams.	_____
SS11	<u>How Milk Is Produced</u> . Dr. Dennis Hartman, Cornell University produced this fine slide and tape show on how milk is produced on dairy farms.	_____
SS12	<u>Mastitis Treatment Guidelines For Dairymen</u> . These 73 slides and tape illustrate procedures for solving mastitis on your farm. It is an excellent presentation for youth to learn more about managed milking. This set of slides and tape were produced by the National Mastitis Council.	_____

Agricultural Movies

The following 16mm color films are available on loan, free of charge, from the following sources. To obtain them, contact the source as far in advance as possible of desired showing date.

- M1 Rewarding Careers in a Dynamic Industry--Agriculture. An excellent 28-minute movie that tells of opportunities in agriculture. Best for high school students. (Source: Dr. J. R. Nichols, Associate Dean and Director, Division of Animal and Veterinary Sciences, VPI & SU, Blacksburg, Virginia 24061).
- M2 Cremona, Italy, Holstein Show. An excellent 30-minute film on United States registered Holstein cattle on exhibit in Italy. It tells of the cattle being assembled in the U.S., transporting them by boat, and finally being shown and sold in Italy. (Source: Holstein Association, Brattleboro, Vermont 05301).
- M3 The Cow. Leisurely 11-minute film look at beauty of cows. Good for all age groups. Entertaining and enjoyable. Excellent for primary and first grade children. (Source: Your dairy council, see page)
- M4 Tomorrow is Today. A 21-minute, color sound film that tells you about all the programs and services of the National Holstein Association, from production testing, classification and sire summaries to procedures at the National Office in Brattleboro, Vermont, and the Genetic Evaluation and Management Service and International Marketing Service of HFS, Inc. (Source: Holstein-Friesian Association, Brattleboro, Vermont 05301).
- M5 A Matter of Breeding. A 28-minute sound, color, educational film on techniques and benefits of artificial insemination has been produced by Carnation Farms Breeding Service. It is available for showings to agricultural departments and breeders who may request prints from: Carnation Farms Breeding Service, Watertown, Wisconsin.
- M6 Patent No. 2709416. Surge has produced this new 10-minute, full color film about modern milking. See the features of a pipeline milking unit and how pulsator location affects the milking action. We dare you to see this film about modern milking. (Source: Babson Bros. Co., 2100 S. York Road, Oak Brook, Illinois 60521).
- M7 Kows, Kids and Coops. Henry Schriver, a farm philosopher, tells of his experiences in working with cooperatives and their importance to agriculture. This 30-minute, full color film was produced by the American Institute of Cooperatives. (Source: R. E. Brubaker, Virginia, Animal Breeders Association, Rocky Mount, Virginia 24151).
- M8 Modern Mastitis Management. This 30-minute full color film points out the need for a complete mastitis management program for dairymen. Mastitis, the dairy industry's number one disease problem, costs dairymen more than \$400 million each year. (Source: Tuco, Division of the Upjohn Co., Kalamazoo, Michigan 49001).
- M9 Tomorrow's Beef-Today. This 45-minute color, sound film shows how A.I., blood typing, electronic computed performance and progeny records, etc. are used at the Litton Charolais Ranch to produce a genetically superior breeding animal. Jerry Litton, owner of the Litton Ranch of the time of the film making is now Congressman from Missouri. (Source: Vernard Films, Box 1332, Peoria, Illinois 61601).

National Dairy Council

The National Dairy Council has outstanding educational materials. They present authentic information that can serve as excellent teaching aids. First, you may like to order a copy of each before ordering enough for your club members. You may order materials directly from your Dairy Council by using the order blank on the next page. The materials are without charge if you live in a county where there is an affiliated Dairy Council unit. Listed below are the Dairy Council units in Virginia and the counties they serve.

Counties Served

Dairy Council of the Appalachian, Inc.
Suite 202, Holston Plaza Bldg.
516 Holston Avenue
Bristol, Tennessee 37620
Phone 615-968-2442

Russell, Tazewell, Washington

Dairy Council of Greater Metropolitan Washington
1511 K Street, N. W.
Washington, D. C. 20005
Phone 202-737-1150

Fairfax, Prince William, Arlington, Loudoun; also cities of Falls Church, Fairfax, and Alexandria

Dairy Council of Virginia, Inc.
3338 Cromwell Drive
Norfolk, Virginia 23509
Phone 804-855-0151

All cities and counties but the above mentioned

Other Offices

537 West Campbell Avenue
Roanoke, Virginia 24016
Phone 703-344-4942

P. O. Box 1246
Harrisonburg, Virginia 22801
Phone 703-433-1279

2112 Spencer Road
Richmond, Virginia 23230
Phone 804-282-9723

National Dairy Council

ORDER BLANK FOR 4-H DAIRY CLUBS OR F.F.A. CHAPTERS

<u>No. Needed*</u>	<u>Booklets and Leaflets</u>	<u>Suggested Age Level</u>
_____	More Milk Please	7-9
_____	Uncle Jim's Dairy Farm	7-9
_____	Where We Get Our Food	7-9
_____	Animals That Give People Milk	9-11
_____	Milk from Farm to Family (leaflet)	9-14
_____	Food Science and How It Began	11-16
_____	Dairy Foods in the U.S.A.	11-19
_____	Your Foods--Chance or Choice?	14-19
_____	A Boy and His Physique	14-19
_____	A Girl and Her Figure	14-19
_____	Search and Research	16-19

Please send reference materials on the following subjects:

- _____ Information about dairy foods
- _____ Nutrition
- _____ Dairy foods recipes

Send order to the Dairy Council serving your area. The addresses are on previous page.

*Dairy Council units reserve the right to limit materials ordered if necessary.

Agent _____

Address _____

County _____

Date _____

No. of Dairy Project members _____

National Dairy Council

Awarded Annually to the Outstanding 4-H and F.F.A. Member
Entering Dairy Science at Virginia Tech

Awards A \$500 scholarship will be presented to the 4-H winner at the State 4-H Club Congress. A \$500 scholarship will be presented to the F.F.A. winner at the annual F.F.A. Convention. Recognition awards will be presented to the winners' clubs and high schools.

Eligibility Completion of three or more years in the 4-H program or two or more years of high school agricultural education, including membership in F.F.A. Accepted as a freshman in Dairy Science at Virginia Tech.

Basis of Selection Scholastic achievement--50%--contestants must submit an official transcript of their ninth, tenth, and eleventh year courses and grades.

Activities--50%--contestants must submit a list of their 4-H or F.F.A. activities including offices held, honors received, projects completed, committee assignments, high school honors, leadership activities, and participation in community activity, etc.

Entries Applications on the following page. Send to:

Dr. William M. Etgen
Department of Dairy Science
Saunders Hall
Virginia Polytechnic Institute
and State University
Blacksburg, Virginia 24061

Deadline May 15, 1974

Entries will be judged by a committee appointed by the Virginia Director, 4-H Youth, Head of Vocational Agriculture Departments, and the Virginia Tech Dairy Science Department.

Dairy Scholarship

APPLICATION

Deadline for applications:

All applications must be returned by May 15, 1974, to:

Dr. William M. Etgen
Dairy Science Department
Saunders Hall
VPI & SU
Blacksburg, Virginia 24061

Name of Applicant _____

Address _____

High School attended _____

Applying for 4-H or F.F.A. Scholarship (designate one) _____

Information to be completed by applicant: If more space is needed, attach additional sheets.

I. 4-H or F.F.A. Activities

a. Number of years of 4-H or F.F.A. membership _____

b. Offices held _____

c. Projects completed _____

d. Honors _____

II. High School Activities (including class or club offices, honors, sports, etc.)

III. Community and Other Activities _____

I have been accepted as a freshman in Dairy Science at VPI & SU. Please attach a transcript of ninth, tenth, and eleventh year grades.

Signature _____

Dairy Poster Contest

Who: Every bonafide 4-H member.

What: May participate in the "4-H June is Dairy Month Poster Contest."

When: During the months of April, May and June.

1. Make a poster prior to June 1.
2. Poster should be judged the 1st week in June by a group of judges in the county. Three county winners should be selected (one for each age group). The three county winning posters need not be displayed as they will be judged during the State 4-H Club Congress for three state winners.

Where: You participate in your local community.

Why: To learn more about milk and milk products and their importance to human health.

Theme: WHAT MILK CAN DO FOR YOU.

How: Make a poster telling a story of milk and/or milk products.

1. Poster must be of uniform size--22" x 28".
2. Can use 22" x 28" poster board or a substitute.
3. Get ideas from television, magazines, parents, and friends.
4. Get pictures or materials from your milkman, dairy plant, dairy council unit, or milk cooperatives.
5. A slide series of posters made in previous years is available from the Dairy Youth Office. These slides will give you ideas for 1974.

Display poster in prominent location in your home town during the month of June.

- | | |
|-------------------------|---------------------|
| 1. Grocery store window | 4. Town library |
| 2. Drug store window | 5. School display |
| 3. Farm store window | 6. Extension office |

Place your name, address, age, and county on the score card which is on the opposite page. Cut the score card off and place it on the back of the poster in the upper right corner.

Prizes: Each 4-H member developing and displaying a poster will receive an American Dairy Association Bumper Sticker. Prizes on the county and state level will be awarded in the following three age groups: (Age 9-11 years)
(" 12-14 years)
(" 15-18 years)

Every entry	Bumper Sticker
County Winner	Ribbon (1st, 2nd, and 3rd) in all three age groups.
3rd State Winner	Homemade Ice Cream Freezer " " " " "
2nd State Winner	Homemade Ice Cream Freezer " " " " "
1st State Winner	Homemade Ice Cream Freezer " " " " "

Special Notice:

All county winning posters will be on display and State awards will be presented at the Virginia State Junior Dairy Field Day on July 3rd at Augusta Expo, Staunton. The Posters will be released at 4:00 P.M. on July 3rd.

Score Card

SCORE CARD: 4-H June is Dairy Month Poster Contest.
 (Paste or tape this score card in the upper right hand corner of your poster)

Name _____ Club _____

Address _____

County _____ Age _____

Factors for Scoring	Possible Score	Score	Comments
1. Originality - Attracts attention (holds interest)	40		
2. Follows theme--WHAT MILK CAN DO FOR YOU.	20		
3. Conveys message--easily understood	15		
4. Accurate information--factual	10		
5. General appearance:			
a. Well planned; good design	5		
b. Easily read	5		
c. Neat and well-constructed	5		
6. Ten point bonus for having a picture and/or story of your poster in local paper. Attach to back of your poster.			
7. An additional ten point bonus for making a radio presentation about your poster or June Dairy Month. Put name of station and date it was on the air on the back of the poster.			
TOTAL	100		

Dairy Goats

Boys and girls with dairy goats have a tremendous opportunity in Virginia to have fun, learn by doing and reap exciting rewards from participating in dairy goat activities.

- May 18-19 Capital Dairy Goat Council Kid and Buck Show. This official ADGA 4-H show will have all classes from kids thru milkers. Location: Montgomery County Fair Grounds, Gaithersburg, Maryland.
- July 3 Va. Dairy Youth Field Day. Goat exhibitors will have an opportunity to bring goats, set up exhibits and give demonstrations. If enough goats are available a goat judging contest will be conducted. Location: Augusta Expo, Staunton, Virginia.
- Aug. 12-17 Prince William County Fair. 4-H Show on the 14th and open doe show on the 17th. Entries limited to the five surrounding counties. Location: Manassas, Virginia.
- Aug. 19-24 Montgomery County Fair. Open show will also have a youth showmanship class for 15 years or younger. The 4-H show is limited to Maryland youth. Location: Gaithersburg, Maryland.
- Sept. 27-29 Atlantic Rural Exposition Junior and Open Shows: Official ADGA 4-H Show on the 28th and the open show on the 29th.

For more information on dairy goats write:

Mrs. Alexander Muir
Muirhill Farm
Hillsboro, Virginia 22132

Or

Dairy Youth Office
401 Saunders Hall
VPI & SU
Blacksburg, Virginia 24061

Outstanding Va. Ayrshire Youth

The Virginia Ayrshire Association each year recognizes a junior member as the "Outstanding Virginia Ayrshire Youth." The winner will receive a trip to the National Ayrshire Show or National Meeting. To apply, just write resume of your junior activities with your Ayrshire project. The story should include awards won, cattle owned, fairs at which you exhibited, community projects, etc.

Deadline for entries is September 21, 1974.

Send your story to:

Mrs. Jane G. Heyward
P. O. Box 691
Charlottesville, Virginia 22902

Awards will be announced at A.R.E. State Fair.

Production Awards

The State Ayrshire Association will recognize the outstanding cows for milk production owned by a Junior Member. Applications are on page 22. Awards will be announced during Virginia Ayrshire Annual meeting.

Brown Swiss Jr. Member Award

Name of Applicant _____

Address _____

Age _____ Birth date _____ County _____ Phone No. _____

High School Attended _____

Grade point average _____ on a _____ grade point scale

Information to be completed by applicant (If more space is needed, attach additional sheets)

I. 4-H or F.F.A. activities

a. Number of years of 4-H or F.F.A. membership _____

b. Offices held _____

c. Honors _____

I have completed _____ years of project work with registered Brown Swiss.

I have been a junior member of Brown Swiss Association for _____ years.

My parents (and/or I) are active members of the _____ (state)

Brown Swiss Association _____ (yes or no)

I presently own _____ registered Brown Swiss. I have bred _____ of these

animals. _____ production records on _____ of my animals are included.
(DHI or DHIR)

Official classification records on _____ of my animals are included.

II. High school activities (including class or club offices, honors, sports, etc.)

III. Community and other activities

Signature _____

Send to James Hackman, Marshall, Virginia 22115.

Don't forget to enter the Production Award Contest on page 22.

Jr. Guernsey Program

Scholarships

Four scholarships of \$200 each are offered by the Virginia Guernsey Breeders' Association to Virginia students planning to attend college in the fall of 1974. A student is eligible if he or she (a) is, or has been, active in Junior Club work with Guernseys, (b) is the son or daughter of a member of the association, or (c) is the son or daughter of a member of Virginia's agriculture or Extension Service personnel. An application form is on the following page. Others are available from the association office at the address below. To be considered, applications must be sent to the Chairman of the Junior Club Committee on or before August 6, 1974.

Calf Projects

Junior calf sales are held where the bidding is restricted to Junior Club members. THE ASSOCIATION WILL FINANCE UP TO TWO-THIRDS OF THE COST OF THESE CALVES, PLUS INSURANCE FOR ONE YEAR, AT 3% INTEREST. This financing is also available on privately purchased calves that are approved by a member of the Junior Club Committee. The association cooperates with county Extension Agents and Vocational Agriculture Instructors in locating Guernsey calves for Junior Club projects.

Awards

The Ideal Cow Plaque is offered for the champion Guernsey at district shows, and the following awards are furnished for the Junior Show at the State Fair:

Prize money for additional placings in the Junior Heifer and Senior Heifer classes

Trophies for first place winners in seven classes

Trophies for Fitting and Showmanship-awarded in 2 age groups

The association sponsors a Junior State Herd and the owners to the National Junior Guernsey Show. Animals are selected by the Junior Club Committee after the Junior Show at the State Fair.

Production Contest

The association, in cooperation with the Cooperative Extension Service at VPI & SU recognizes the outstanding producing cows owned by Junior members. An application is on page

Junior Club members and their Extension Agents or Vocational Agriculture Instructors are invited to the annual meeting as guests of the association.

Chairman, Junior Club Committee
Arthur M. Powers
Blenheim Springs Farm
Route #3
Powhatan, Virginia

Guernsey Breeders' Scholarship

Deadline, August 6, 1974

Name of applicant _____

Address _____

High School attended _____

Grade point average _____ on a _____ grade point scale

Information to be completed by applicant. (If more space is needed, attach additional sheets.)

I. 4-H or F.F.A. activities

a. Number of years of 4-H or F.F.A. membership _____

b. Offices held _____

c. Projects completed _____

d. Honors _____

II. High school activities (including class or club offices, honors, sports, etc.)

III. Community and other activities

Signature _____

Holstein Distinguished Jr. Member

Your entry book should be prepared carefully, neatly typed or written and present a true, easy--to--read story of you and the registered Holsteins you own and have developed. Be accurate, complete and to the point.

Two photographs--wallet size--mounted on the first page with name, age, county, and complete address.

Index

Personal Holstein Project Summary

My Story of Junior Holstein Work (2,500 words or less)

Summary of activities and projects: List in chronological order by year beginning with first year of 4-H and/or F.F.A. and including achievements, awards won and offices held. These to be the highlights of your career as a junior Holstein member, neatly arranged on as many pages as necessary. This should include all types of projects and activities--school, church, and community.

A resume of registered Holsteins owned to include: Inventory; financial summary of current year; how animals were obtained and financed; purchases and sales; life history sheets; breeding program (cow families, sire selection, etc.)

Clippings and pictures about you: 4-H, F.F.A., Holstein, church, school, and community.

Correspondence, certificates, letters of commendation.

A section reporting your personal views: (Answer each of the following questions in 500 words or less.)

1. What is the major limiting factor in individual cow production?
2. In your opinion, what is the role of the registered segment of the livestock industry in today's modern agriculture?
3. What are the principal challenges confronting breed associations today?

Distinguished Junior Member Award Score Card

Leadership and variety of interests demonstrated for preparing the junior member to be a respected citizen and leader in any chosen career.	25
Record keeping to include breed improvement programs and accepted dairy management practices.	25
Knowledge and judgement demonstrated by the entrant in establishing a policy of sire selection, logical matings, merchandising and sale of animals, and judicious purchases	15
The extent to which the junior member has established the foundation for a herd of registered Holsteins' or equipped himself to make a lifelong contribution to a related field of agriculture	<u>35</u>
Total Points	100

Holstein Distinguished Jr. Member

Personal Holstein Project Summary

Name _____ Age _____ Birth date _____

Address _____ County _____

Parent or guardian _____ Phone no. _____

Name and address of local newspaper _____

Radio station _____

Television station _____

I have completed _____ years of project work with registered Holsteins.

I have been a junior member of the Holstein-Friesian Association for _____ years.

My parents and/or I are active members of the _____ Holstein Association. _____ (yes or no) _____ (state)

I presently own _____ registered Holsteins.

I have bred _____ of these animals. (Owned their dams)

_____ production records on _____ of my animals are included.
(DHI or DHIR)

Official classification records on _____ of my animals are included.

The value of milk sold from my cows during the last 12 months was \$ _____.

The value of animals sold during the last 12 months was \$ _____.

A realistic value of my registered Holsteins is \$ _____.

4-H Club _____ Leader _____ (signature)

Address _____

F.F.A. Chapter _____ Advisor _____ (signature)

Address _____

High school _____ Will graduate _____ (yr.)

College _____ Will graduate _____ (yr.)

Your signature _____

Holstein Jr. All-Virginia

1. If you have shown your female Holstein (s) at a show in Virginia in 1974, you are eligible to enter her (them) in the Junior All-Virginia Contest.
2. Send your entry (entries) with a recent 5" x 7" glossy black and white print to your Holstein District Chairman by November 15. The picture must have been taken within the current year.
3. The following classes constitute the contest:

Junior Heifer Calf
Intermediate Heifer Calf
Senior Heifer Calf
Junior Yearling
Senior Yearling
Two-year-old
Three-year-old
Aged Cow

Please request additional forms for more than one nomination.

Your name _____

Address _____

Name of animal _____

Class _____

Birth date _____

Show winnings
(for 1974 only) _____

Jersey Youth Award

Name _____ Age _____

Address _____ Date _____

Parents name _____

4-H Leader or F.F.A. teacher _____

A. Number of registered Jerseys owned _____.

Number of years in Junior work _____.

List all animals (oldest to youngest)

<u>Name</u>	<u>Age</u>	<u>Actual</u>		<u>M.E.</u>		<u>Type</u>	<u>Score</u>
		<u>Days</u>	<u>Milk</u>	<u>Fat</u>	<u>Milk</u>	<u>Fat</u>	

B. On additional paper, complete the following 5 items.

1. List all your projects by years for each year enrolled in Junior work.
2. List shows and prizes by years.
3. List other demonstrations and contests participated in--Dairy Judging, Fitting and Showing, etc.
4. List offices held in Junior work.
5. List school, church, and community activities.

C. Write an essay of at least 250 words outlining what you have learned in your work with registered Jerseys and related work in Junior programs. Include also your future plans. You can include information telling of your role on your home farm operation and any other information you feel would be interesting to someone wanting to know about Jersey activity.

Send to Harold Roller, Wayside Drive, Weyers Cave, Virginia 24486

Va. Jr. Production Contest

Traditionally, production awards are presented to the highest producing cow. In a youth contest, such a method of selection does not separate the daddy's herd average level of influence on the 4-H or F.F.A. member's cows. Thus, usually those youth from the highest herd average farms win junior production awards.

Virginia junior production awards in each breed are based on a cow's producing ability apart from the herd influence, figured by adding 5% to the rolling herd average and subtracting this figure from the cow's mature equivalent record.

<u>Breed</u>	<u>Deadline</u>	<u>Location of Recognition</u>
Ayrshire	12-31-74	All Breeds Luncheon
Brown Swiss	12-31-74	V.S.D.A. Convention or State Field Day
Guernsey	12-31-74	Guernsey Breeders Banquet, V.S.D.A.
Holstein	12- 1-74	All Breeds Luncheon, V.S.D.A.
Jersey	6-15-74	State Field Day

Production Recognition

Deadline: Refer to page 21
Return to: Dairy Youth Office
401 Saunders Hall
VPI & SU
Blacksburg, Virginia 24061

To qualify for this award the cow must be owned and cared for by a 4-H or F.F.A. Club member. A member can enter one or more cows.

1. Breed _____
2. Cow's name _____
3. Owner _____
4. Address _____
_____ Phone _____
5. Cow's sire _____
6. Date fresh for record _____
7. Age in months _____
8. Date 305 completed _____
9. Cow's actual record _____ #M _____ #F
10. Cow's ME record _____ #M _____ #F
11. Rolling herd average the month 305 was completed _____ #M only
12. Subtract line 11 from line 10 _____ #M only

Line 12 will be the basis for selecting the top cows in each breed.

Dairy Beef

If you are looking for a new project, here is one for you. The project will be fun, educational and rewarding. Let's explore its possibilities.

First, it will be fun to find a project that will cost you little money. Locate a dairyman that will breed a few low producing cows that he planned to sell. Have the dairyman breed the cows to one of the new exotic beef bulls that will sire a small calf at birth. These pregnant cows sell for \$50 to \$75 above beef price (\$350 to \$450 initial cost). Make sure the cow is pronounced pregnant by a veterinarian before the purchase takes place.

Second, it will be of real educational value to purchase a pregnant cow and maintain her on a forage diet until she freshens 5-7 months later. Depending on season of year, body condition, etc. the calf should receive enough nutrients from nursing the cow. In the event that the cow produces too much milk, you will need to limit the cow's intake or purchase an extra calf for the cow to nurse. By the time the cow is fresh 60 days, you can breed her back to the bull of your choice. A.I. studs servicing Virginia offer more than 430 exotic beef bulls. Purchasing a cow, helping a cow freshen, breeding the cow to an A.I. bull and selling the calf and/or the cow herself all within 12 months is quite an educational adventure.

Third, this project can be rewarding. You can sell the cow for about the same as the initial investment; therefore, the only expense for 12 months is 8-9% interest. Where can you find a project like this? You can sell your 6 month old calf for a special premium at the present time because of extreme interest in half-blood Simmental, Chianina, Maine-Anjou, Limousin, Beef Friesian, Murray

Grey, Devon, Gelbvieh, Galloway, Blonde D'Aquitaine, and others. These half-blood heifers are selling for \$400 to \$500 at 6 months of age and the half-blood bulls are selling for \$300 to \$400 at the same age.

A sale is being planned for the fall of 1975. It will be an activity for Virginia youth, both 4-H and F.F.A. members, to learn more about the new exotic beef breeds and how they cross with dairy cows. Youth with half-blood heifers and steers will have a fitting and showmanship contest prior to the sale. Dairy cows must be bred this spring and early summer to have calves old enough for the sale.

For more information contact your A.I. stud and also read the article on page 14, February issue of the Virginia Dairyman.

A.R.E. Jr. Dairy Show

Saturday, September 21, 1974

Time

Fitting and Showmanship (Ayrshire and Swiss Alternating)	9:30 a.m.
Ayrshire and Swiss Show	10:15 a.m.
Fitting and Showmanship (Guernsey and Jersey Alternating)	9:30 a.m.
Guernsey and Jersey Show	10:15 a.m.
Calf Dressing Contest (Colored Breeds)	1:00 p.m.
Parade of Champions (All 1st & 2nd place winners in Colored Breeds)	7:00 p.m.

JUDGES

Lloyd Ebersole, Sire Power, Inc.
Kenneth Vaughn, Extension Agent, North Carolina

Thursday, September 26, 1974

Fitting and Showmanship (Dairy Beef Youth Exhibitors)	4:00 p.m.
Dairy Beef Classes	5:00 p.m.
Dairy Beef Sale	8:00 p.m.

Friday, September 27, 1974

Fitting and Showmanship (Holstein)	7:00 p.m.
Calf Dressing Contest (Holstein)	8:30 p.m.

Saturday, September 28, 1974

Holstein Show	10:00 a.m.
Junior Division Judging	2:00 p.m.
Judging Contest Awards	6:00 p.m.

JUDGES

Jack King, Kinglea Farm, Maryland

Thousands of dollars in premiums will be offered to junior members competing in the showing, county exhibit awards, production contests, and judging contests. The competition is open to any 4-H or F.F.A. member who is a resident of the state of Virginia. You need not be an exhibitor to judge in the judging contest.

Calf Dressing Contest

Don't forget the Calf Dressing Contest open to all junior exhibitors. It will be judged at 1:00 p.m., September 21 and 8:30 p.m., September 27. Each contestant may have 3 additional 4-H helpers. A set amount of time will be given to all contestants. A contest will be judged on attractiveness, creativity, and originality. Appropriate prizes will be awarded to all contestants.

County Exhibit Award

Any county with a junior animal entered for the Junior Dairy Show will automatically be entered in the County Exhibit Contest. Cattle will be stalled according to counties (combining 4-H and F.F.A.).

Organizational meetings should take place prior to State Fair. Exhibits will be judged on their clean, attractive appearance from starting time on Friday until release time on Saturday. One adult advisor from each participating county will be responsible for the exhibit, will receive the premium money for further distribution, and will be responsible for leaving the area clean when the cattle have been released. Awards will be \$1 per head in the exhibit if the exhibit has been maintained in an acceptable manner. In addition, 1st place will receive \$50, 2nd place \$40, 3rd place \$30, 4th place \$20, and 5th place \$10.

The exhibits will be scored according to the following score card:

	<u>Points</u>
<u>Neatness:</u> The exhibit should be neat and clean at all times with the aisles swept, cattle clean, etc.	30
<u>Attractiveness:</u> The attractive use of headboards, plants, show boxes, name cards, etc.	25
<u>Cooperation:</u> The ability of the exhibitors to have someone at the exhibit at all times, the ability to share responsibilities, etc.	20
<u>Originality:</u> An original display utilizing new ideas to present the cattle in the best possible manner to the visitors will be rewarded.	15
<u>Theme:</u> <u>Consumer Education.</u> Make the consumers more aware of how milk is produced.	<u>10</u>
TOTAL	100

Name cards for the exhibitors' animals are available free at the Dairy Extension Office, 401 Saunders Hall, VPI & SU, Blacksburg, Virginia 24061. You are encouraged to use these cards.

A.R.E. Genetic Value Classes

ALL HEIFERS IN THE 5 CLASSES (JUNIOR CALF, INTERMEDIATE CALF, SENIOR CALF, JUNIOR YEARLING, AND SENIOR YEARLING) ARE ELIGIBLE FOR THESE CLASSES. Holstein heifers above 700, Ayrshires and Brown Swiss above 600, and Jersey and Guernsey above 500 Estimated Genetic Value will receive a ribbon. First, second, and third place winners in each of 5 classes in each of the 5 breeds will receive \$15; \$10; and \$5. The 5 class winners in each breed will compete for a champion trophy. Championship selection will immediately follow the junior champion class of each breed.

1. Heifer's name and reg. no. _____
2. Sire's name and reg. no. _____
3. Sire's latest proof--Predicted Difference for milk A. _____
4. Dam's name and reg. no. _____

Sept. Rolling Herd Avg.
Yr. Cow Finished Record

- | | | |
|---------------|----------------------------|------------|
| 5. Dam's M.E. | 1st record _____ lbs. milk | _____ lbs. |
| | 2nd record _____ lbs. milk | _____ lbs. |
| | 3rd record _____ lbs. milk | _____ lbs. |
| | 4th record _____ lbs. milk | _____ lbs. |
| | 5th record _____ lbs. milk | _____ lbs. |
| | 6th record _____ lbs. milk | _____ lbs. |

6. Dam's avg. M.E. record _____ lbs. milk

7. Avg. rolling herd avg. _____ lbs. milk

8. Subtract line 7 from line 6 _____ lbs. milk

9. Multiply line 8 x (factor) _____ X _____ B. _____

Factor for no. of records on dam

1 record = .17; 2 records = .23; 3 records = .26

4 records = .28; 5 records = .29; 6 or more = .31

10. Total A + B = Estimated Genetic Value.C. _____

Your name _____

Address _____

County _____

DHI, Owner Sampler, or Weigh-A-Day-A-Month records will qualify for this award. A heifer from an untested dam will qualify if the sire's predicted difference is above the minimum Estimated Genetic Value for the award. Deadline is September 1, 1974. Send to Dairy Youth Office, 401 Saunders Hall, VPI & SU, Blacksburg, Virginia 24061.

A.R.E. Judging Contest

At 2:00 p.m., Saturday, September 28, 1974 a Junior Division Judging Contest will be held. It is open to all 4-H Club members and F.F.A. members in the state of Virginia. A team will consist of 3 members and will compete in either the Senior Division Contest for those older than 14 years, or the Junior Division contest of 14 years and younger. No reasons will be given. Counties are encouraged to enter as many teams as desired. The awards will be presented at 6:00 p.m., Saturday, September 29, 1974. The contest will be limited to the first 150 contestants that enter. Deadline for entry is 1:30 p.m., September 28, 1974.

Awards

	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>	<u>5th</u>
Sr. Division Team	\$50	\$35	\$20	\$10	\$5
Jr. Division Team	15	12	10	5	3
Indiv. in Jr. & Sr.	Plaque	Plaque	Plaque	Ribbon	Ribbon

Senior Team Members

1. _____
2. _____
3. _____

1. _____
2. _____
3. _____

Junior Team Members

1. _____
2. _____
3. _____

1. _____
2. _____
3. _____

The listed individuals are presently 4-H Club or F.F.A. Members.

County or F.F.A. Chapter _____

Signed _____

Address _____

A.R.E. Production Award

Cows with current production records above the current rolling herd average will receive a ribbon. First, second, and third place winners in each of 3 classes (2-year old; 3-year old; and aged cow classes) in each of the 5 breeds will receive \$15; \$10; and \$5. Applications must be filed along with the State Fair entry blank and the deadline is September 1, 1974. Total premiums not to exceed \$350. DHI, Owner-Sampler or Weigh-A-Day-A-Month records will qualify for this award.

Breed _____

Cow's name and reg. no. _____

A. Cow's current projected M.E. record (DHI) _____

B. Rolling herd average _____

Subtract B from A _____

Name _____

Address _____

County _____

Outstanding Dairy Club

The 4-H clubs throughout the state deserve recognition and, therefore, one club will be chosen according to the outline on the following page. As an award a check for \$150 will be given to the winning club for a trip to the Pennsylvania Farm Show.

Receiving the award of Outstanding 4-H Dairy Club of the year in Virginia should mean a great deal to your county 4-H Dairy Club and should encourage more youth to become members.

The Pennsylvania Farm Show is an excellent activity and is recognized as the best agricultural show in the East.

Application for the award must be in my office by November 1. Announcement of the award will be made on November 10, 1974. Judges for the contest will be members of the Dairy Science Department.

Questions regarding this contest should be written to:

Dairy Youth Office
401 Saunders Hall
VPI & SU
Blacksburg, Virginia 24061

Outstanding Dairy Club

Deadline--November 1, 1974

Dairy Youth Office
VPI & SU
Blacksburg, Virginia 24061

- A. No. of 4-H'ers who completed dairy projects _____
- B. No. of adult dairy leaders _____
- C. No. of 4-H dairy club meetings during year _____
- D. No. of exhibitors at State Junior Dairy Show _____
- E. No. of animals at State Junior Dairy Show _____
- F. No. of 4-H'ers who are junior members of a breed club _____
- G. No. of 4-H'ers who participated in county judging _____
- H. No. of 4-H'ers who gave a dairy demonstration _____
- I. No. of 4-H'ers who made a June Dairy Month poster _____
- J. No. of 4-H'ers who showed their animals at a show (excluding D) _____
- K. No. of 4-H'ers who participated in Dairy Food Activities _____
- L. Results of judging team in district _____
- M. Results of dairy demonstration in district _____
- N. Results of dairy achievement in district _____
- O. Results of judging team at state _____
- P. Results of dairy demonstration in state _____
- Q. Results of dairy achievement in state _____
- R. Results of June Poster Contest in state _____
- S. Results of county dairy exhibit at A.R.E. _____

On additional paper, please include

- T. Officers of your club
- U. List of club programs and speakers
- V. All club members' names, addresses, and ages
- W. Junior breed club activities of your members
- X. Short report of progress of your dairy club in past 2 years

Also include

- Y. One completed record book for each club member

NEW STATE DAIRY JUDGING RULES

State Team Selection

Dairy

- a. At the state contests, the 12 high scoring individuals will be selected in Dairy as a candidate for the team to represent Virginia in regional and national competition. After a suitable training period, two state teams of four members each will be selected on the basis of competitive scores during the training period. These teams will be designated as the First and Second State Teams.
- b. Members selected for the First State Team will receive additional training and compete in the National Contest and will be ineligible for further competition in that program area. Second State Team members will receive additional training and compete in regional and interstate judging only and will be ineligible for further competition in those contests. However, they may compete in district and state contests in future years as candidates for the First State Team.
- c. In the event that any of the top 12 individuals are unavailable to participate in approximately 80% of the training sessions they will be replaced by the next high scoring individual in the state contest. (i.e. if number 12 drops out, number 13 would be the replacement)

4-H DISTRICT AND STATE AWARDS PROGRAM

<u>District</u>	<u>State</u>	<u>Sectional & National</u>
	<u>Achievement Awards</u>	
3 quota	a. Trip to National Congress b. 2 trips to Dairy Youth Conference	6 scholarships of \$700
12 full scholarships to State 4-H Congress	<u>Demonstrations</u> 1 portable radio	
	<u>Judging</u>	
Quota to attend State Congress	1st - Trip to National and International Dairy Contest 2nd - Trip to Pennsylvania Contest and A.R.E., Richmond	

Calendar of Events

<u>Date</u>	<u>Event</u>	<u>Place</u>
April 27	Little International	Blacksburg
May 11	VPI & SU Little All-American Dairy Show	Blacksburg
May 15	Deadline for 4-H Dairy Science Scholarship	Blacksburg
May 18	Northern District Judging Contest	Spotsylvania Co.
June 1	June Dairy Month Poster Contest	Your County
June 24-27	4-H Club Congress	Blacksburg
June 25	State June Dairy Poster Contest	Blacksburg
June 25	State Dairy Demonstration Contest	Blacksburg
July 3	State Dairy Judging Contest	Staunton
July 3	Virginia Dairy Youth Field Day	Staunton
July 12	State Holstein Field Day	Richmond
July 13	State Ayrshire Field Day	Big Island
July	State Brown Swiss Day	
July 27	State Guernsey Field Day	Mt. Solon
July	State Jersey Field Day	
Aug. 2	State Holstein Consignment Sale	Harrisonburg
Aug. 3	State Holstein Black & White Show	Harrisonburg
Sept. 1	Deadline for State Fair Entries	Blacksburg
Sept. 20-21	Four Colored Breeds--A.R.E. Junior Dairy Show	Richmond
Sept. 21	Eastern Regional Dairy Judging Contest	Richmond
Sept. 21-28	A.R.E. 4-H Club Exhibit Contest	Richmond
Sept. 23	Pa.-All-American 4-H Dairy Judging Contest	Harrisburg, Pa.
Sept. 26	A.R.E. Dairy Beef Show	Richmond
Sept. 27-28	A.R.E. Junior Holstein Show	Richmond
Sept. 28	A.R.E. Judging Contest	Richmond
Oct. 2	International 4-H Dairy Judging Contest	Madison, Wisc.
Oct. 7	National 4-H Dairy Judging Contest	Columbus, Ohio
Nov. 1	State 4-H Dairy Club Contest	Blacksburg
Nov. 7-9	Maryland Dairy Youth Conference	Washington, D. C.
Nov. 15	District Junior Holstein All-Virginia Awards	
Nov. 15	District Junior Holstein Youth Contest	
Dec. 1	State Junior Holstein All-Virginia Awards	Purcellville
Dec. 1	State Junior Holstein Youth Contest	Purcellville
Dec. 31	State Junior Production Awards for All Breeds	Blacksburg