

ANNUAL REPORT

1960

Ornamental Section

Project No. 17

Virginia Agricultural Extension Service

|                                                                                      |               |
|--------------------------------------------------------------------------------------|---------------|
| A. G. Smith, Jr. Associate Extension Horticulturist                                  | 60% (Retired) |
| A. S. Beecher, Extension Horticulturist<br>December to May, Reassigned to 75% in May | 60%           |
| W. P. Judkins, Head, Department of Horticulture                                      | 8 1/3%        |
| P. L. Smeal, Assistant Extension Horticulturist<br>Appointed August                  | 75%           |

Horticulture Department

Virginia Polytechnic Institute

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### III. RESULTS OR ACCOMPLISHMENTS

The program of work in this field was divided into the following major categories:

- A. Assistance to County Agents
- B. Work with Registered Nurserymen
- C. Work with Florists
- D. Work with Bulb Growers
- E. Work with Professional Workers in Landscape Design and Turf Management
- F. 4-H Home Grounds Beautification Project
- G. Garden Clubs
- H. General Public
- I. Plant Societies

\* \* \* \* \*

#### A. Assistance to County Extension Agents

Over fifty percent of the specialists time in this project was devoted to assisting county Extension personnel in some phase of the ornamental horticultural program in the various counties.

Major Problem - Most Extension agents have not had any formal training in Landscape Design or Ornamental Horticulture and do not feel qualified to advise on many of the ornamental horticulture problems asked by county folks and in turn have to refer to the horticultural specialists for help. Requests for help in ornamental horticulture continue to increase each year. For example, the Norfolk County Extension Agents reported in their 1960 report "The Norfolk County Extension Agents are receiving more and more requests for help and information each year.

There is a great need for specialists help in this field." The Roanoke County Extension Agents report "The Extension agents get more and more requests each year for assistance with ornamental problems from both county and city residents."

Many factors are contributing to the increasing number of requests being received by Extension agents such as:

1. Increase in state population.
2. Construction of new homes, churches, schools and industrial plants.
3. Continued growth of the garden club movement.
4. Growth of gardening as a hobby.
5. Continued local regional publicity on ornamental horticulture through radio, television, newspapers and magazines.
6. Community improvement contests and public beautification projects.
7. State wide goal of the Virginia Federation of Home Demonstration clubs for Community Beautification.
8. Expanding growth of the nursery industry.

Assistance Rendered to Agents

During the year it has not been possible to meet all the requests for assistance from the various Extension Agents. Priority was given for requests for agent training and group educational activities over requests for individual service visits. The type of help rendered agents fall into the following categories.

1. Agent training
2. Leader training

3. Public Educational Meetings
4. Supplying Subject Matter Material and Visual Aids
5. Publications
6. Visits to Home and Public Grounds
7. Assistance in the 4-H Home Grounds Beautification Project.
8. Result Demonstrations
9. Farm and Home Development Projects
10. County Beautification Committee
11. Assisting in the Home and Community Beautification Goal of the Virginia Federation of Home Demonstration Clubs.
12. Work with Nurserymen, Florists and other Professional Workers as Requested by Extension Agents.

#### Agent Training

At the annual Extension Conference, emphasis was placed on training the agents. Classes in establishing and maintaining the home grounds were held.

A training session for agents in the West Central district was held at Rocky Mount and Daleville. Subjects covered were Landscape Design, Foundation Plantings and Pruning. Agents were present from Franklin, Pittsylvania, Montgomery, Patrick, Bedford, Floyd, Alleghany, Henry, Campbell, Craig, Bath and Highland.

Special individual training sessions were held with the agents in Richmond, King William, Stafford, Fauquier and Essex.

#### Leader Training

At the request of the home demonstration agents, 27 leader training meetings were conducted by the specialists in this project. Approximately,

400 leaders were given this training. The leaders after receiving this help presented a program to their individual clubs. It is estimated that this program reached 6,000 home demonstration club women.

The specialist provided each leader with printed material to assist them in the preparation of their program for their club members.

Training sessions were held in the following counties:

| <u>County</u> | <u>Title of Demonstration</u>          |
|---------------|----------------------------------------|
| Patrick       | Pruning                                |
| Essex         | Home and Community Beautification      |
| Isle of Wight | Care of Ornamental Plants              |
| Westmoreland  | Home and Community Beautification      |
| Essex         | Planning the Flower Border             |
| Hanover       | Annuals and Perennials                 |
| Pittsylvania  | Landscaping                            |
| Bland         | Trees and Shrubs for Bland County      |
| Greensville   | Roses - Outdoor Living Area            |
| Hampton       | Color in the Yard All Year             |
| Frederick     | Selection of Trees and Shrubs          |
| Montgomery    | Know Your Shrubbery                    |
| Shenandoah    | Succession of Bloom                    |
| Lancaster     | Agent Training - Potted Plants         |
| Amelia        | Bulbs - Year Round Color               |
| Lunenburg     | Pruning Demonstration - Care of Shrubs |
| Essex         | House Plants                           |
| Henry         | Design of the Home Grounds             |
| Pittsylvania  | Lawn Improvement                       |
| Culpeper      | Selection of Shrubs                    |
| Middlesex     | Planting - Propagation of Shrubs       |
| Goochland     | Landscaping                            |
| Powhatan      | Home and Community Beautification      |
| Cumberland    | Flower Borders                         |
| Nottoway      | Roses                                  |
| Charlotte     | Landscaping                            |
| Augusta       | Home and Community Beautification      |

#### Public Educational Meetings

In the more urban counties the demand for information on various ornamental problems continues to keep the county Extension staff extremely busy. It is impossible for the agents to make personal visits

to advise many of these county citizens. An increased number of counties are now holding Garden Institutes and Landscape Institutes to provide an educational service in the field of ornamental horticulture and to service many of these folks asking for individual help.

The specialist assisted the county Extension staff in Fairfax, Prince William, Arlington, Hampton, Norfolk, Roanoke and the City of Newport News in conducting a series of garden programs. It is estimated that over 3,000 were in attendance at these schools.

The oldest of these garden institutes is in Fairfax County. The program was presented for the Sixth year. See exhibit No. 7 for sample of program offered.

Norfolk and Roanoke counties sponsored their first series of landscape programs during the year.

In Norfolk the program was presented by the Agricultural Committee of the Norfolk Chamber of Commerce with the cooperation of the Bureau of Parks, City of Norfolk; the Agricultural Extension Service, Norfolk and Princess Anne Counties; and the Federation of Garden Clubs of Norfolk and vicinity. The chairman of the Agricultural Committee for the Norfolk Chamber of Commerce reported, "It is our opinion that the Short Course for garden lovers potentially is the activity with the greatest popular appeal in our Agricultural Committee Program." He further reported, "The entire undertaking was outstanding and the reaction generally was most favorable. On the first day about 200 people attended, on the second more than 300 and on the third slightly less than 300 were present."

In Roanoke County a Landscape Clinic for Color and Fashion was sponsored by the Extension Service in cooperation with the Roanoke Nurserymen's Association and the Roanoke Council of Garden Clubs. The program was scheduled for four nights and the specialists from the horticultural department assisted in arranging and lecturing at the clinic.

The specialists also assisted the county Extension agents in Hennessmond, Brunswick, Rockingham, Cumberland, Warwick, Southampton and Henry in sponsoring a one day public meeting on some phase of ornamental horticulture.

The specialist also made 59 talks to various organizations or clubs during the year. Approximately 5,000 were in attendance.

The talks presented by the specialists are as follows:

- Rockbridge - Natural Bridge Garden Club  
Virginia Turfgrass Association - Lexington
- Botetourt - County Committee, Home and Community Beautification
- Fairfax - Northern Virginia Nurserymen's Association  
Old Walled Garden Club - Alexandria  
Fairfax Garden Institute
- Cumberland - Special Interest Group - Landscaping
- Southampton - Special Interest Group - Landscaping
- Hampton - Special Interest Group - Bulbs
- Radford - Council of Garden Clubs
- Montgomery - Flower Show Judging School  
Garden Lovers' Short Course  
Turf Field Day  
Landscape Short Course  
Mountain View Garden Club  
Town and Country Garden Club - Blacksburg  
Institute of Rural Affairs  
Trillium Garden Club - Blacksburg

Rosnoke - Rosnoke Town and Country Club  
Landscape Clinic

Rottoway - Blackstone Garden Club

Wenham - Special Interest Group

Henrico - Monument Hills Garden Club  
Landscape Design School  
Virginia Federation of Garden Clubs  
College Hills Woman's Club  
Virginia Flower Show Judges Association  
Virginia Nurserymen's Association

Greene - Riverside and Spotswood Trail Garden Clubs

Louisa - Louisa County Garden Club

Albemarle - Piedmont Garden Club  
Albemarle Landscape Committee

Pitcairny - County Beautification Committee  
Climax Farmer's Club  
Derryville Garden Club

Hallefax - Hallefax South Boston Garden Club  
Special Interest Group

Brunswick - Special Interest Group

Pulaski - Pulaski Garden Club

Campbell - Garden Club - Altavista

Prince William - Manassas Home Demonstration Club  
Dunfries Quenatico Garden Club  
Landscape Institute

Arlington - Arlington Landscape Institute

Hanover - Burltan Club

Lynchburg - Lynchburg Study Group

Gloucester - Bulb Growers

Henry - Garden School

Warren - Special Interest Group

Rockingham - Spotswood Garden Club

Supplying Subject Matter Material and Visual Aids

At the request of the home demonstration agents and county agents special subject matter information was prepared and sent to the agents to assist them in presenting talks or special programs on various aspects of ornamental horticulture. One hundred and seven slide sets were loaned to the agents for their use in presenting talks to various organizations. Slide sets are available on the following topics:

- Landscaping the Home Grounds
- Landscaping with Trees
- Pruning
- Flower Borders
- Lawns
- Care of Evergreens
- Home and Community Beautification
- Azaleas
- 4-H Home Grounds Beautification
- Foundation Plantings

Many of these slide sets were borrowed for a period of a month by the Extension agents and were used at 4-H club meetings and home demonstration club meetings as well as garden club meetings. No attempt was made to record the number of folks that viewed these slides. However, the comment from Fred N. Fletcher, County Agent, indicates the use that these slides are put to. He writes as follows: "Enclosed herewith is the colored slide set entitled 4-H Home Grounds Beautification and the syllabus you sent for our use during the month of February. We wish

to thank you for the loan of this valuable slide set. We feel that the children appreciated it and received many worthwhile hints and suggestions in their individual projects and records on home grounds beautification.

These slides were shown to 22 4-H Clubs with a total membership of about 700 and to the Clintonwood Kwanza club with a membership of 25."

#### Publications

Specialists working this project continued to assist the county Extension agents through publications. To help keep the agents informed with timely ornamental hints, monthly Landscape Notes were distributed to them. See exhibit No. 6. This is the second year that these notes have been prepared. Originally copies were sent only to the various Extension agents for their use in helping them to be informed and to assist them in the preparation of radio talks and newspaper stories. Since receiving these notes, agents have requested additional copies to distribute to home demonstration leaders, garden club leaders and individual citizens especially interested in ornamental horticulture. The number of notes now being requested is approximately 10,000.

New publications during the year were limited because of the retirement of Professor A. G. Smith, Jr. A specialist's position remained vacant for several months and it meant that the other worker assigned to the project had to devote most of his time to other Extension duties. A publication on azaleas and a report on the Daffodil experimental work was completed.

Visits to Home and Public Grounds

The specialists were called upon to make 169 home visits with either the county agent or the home demonstration agent to advise on various ornamental problems. At some of these visits interested neighbors were invited to be on hand to hear the specialists recommendations. A few of these home visits will be used as result demonstrations. This phase of the work is reported elsewhere under the heading Result Demonstrations.

The specialist at the request of the county Extension agents visited 69 public projects and gave on the spot recommendations for developing or renovating the landscaping of the grounds.

The Projects Visited:

King William - Beulah Church Parsonage  
County Extension Office

Roanoke - Mountain View School  
Glenvar School  
Esplanade in front of Roanoke Post Office  
Preston Recreation Building  
Church of the Brethern  
Driving Course at Blue Ridge Gardens  
Roanoke Municipal Building

Greensville - Emporia High School

Orange - County Health Center  
Orange Community Swimming Pool  
Methodist Parsonage

Louisa - County Health Center

Nelson - Court House Square

Washington - Patrick Henry High School  
John Battle High School  
Abingdon High School

Pittsylvania - Laurel Community Club

Henrice - William Byrd Community Building  
Sub-Division

Pulaski - Highway Inter-change  
Alleghany - Covington Park Area  
Patrick - Veater Community Club  
Franklin - Pleasant Grove Methodist Church  
Shenandoah - Woodstock High School  
Mount Jackson High School  
Woodstock Community Park  
Lancaster - Gunnedge Episcopel Church  
Rockbridge - Highland Belle School  
Central School  
Lexington High School  
Appomattox - Biale Baptist Church  
Powhatan - Powhatan High School  
Powhatan Elementary School  
Westmoreland - Baulah Baptist Church  
Montgomery - Blacksburg High School  
Fairfax - Fairfax County Hospital  
Hoodland Baptist Church  
Future Farmers' of America Building  
Southampton - Farmers and Merchants National Bank of Franklin  
Rottoway - Blackstone Golf Course  
Camp Pickart  
Carroll - Gardner's Cemetery  
Court House Ground  
Roanoke Lewis High School  
Brunswick - Broadus Church  
Lebanon Church  
Keppehannock - Rappahannock High School  
Charlotte - Charlotte Methodist Church  
Rockingham - Presbyterlan Home  
Warren - Front Royal Hospital  
Front Royal Elementary School

Isle of Wight - St. Luke's Church

Amherst - Sweet Briar College

Henry - Penhook Methodist Church

Halifax - Community Cemetery  
Community Hospital  
Life Saving Crew Building

Floyd - Clinic  
Steward Community House  
Steward Presbyterian Church

Assistance in the 4-H Home Grounds Beautification Project

Specialists assisted the agents requesting help in conducting the 4-H Home Grounds Beautification Project by furnishing advice, visual aids, and subject matter material. Much of this material was furnished so it could be used by the leaders who are assisting the agents in this project. In the section of the report entitled 4-H Home Grounds Beautification Project, a fuller explanation of this work is given.

Result Demonstrations

All home visits made by the specialist to advise on how to develop the home landscaping are potential public landscape demonstrations. But unfortunately most of the agents do not take advantage of the opportunities for making demonstrations out at these home visits. Many home visits made in the past have been nothing more than a personal service visit because the agents have not taken steps to set them up as result demonstrations.

Agents are now being encouraged to advertise the date and time of home visits and to extend an general invitation to the public to be present to hear the specialist's landscape recommendations and to use these visits as result demonstrations.

One of the most successful landscape demonstrations given during the year was in Southampton County. The Southampton County Extension Service in cooperation with the Franklin Chamber of Commerce sponsored four result demonstrations at new homes in the county. Through the newspapers, radio and by letters, the general public was notified that the VPI Landscape Specialists would be on hand to make recommendations. On the night prior to the first scheduled home visit a public meeting on landscaping was held. At this time the landscape specialists outlined the general requirements for a well landscaped home and explained how the demonstration would be carried out at the four individual homes. During the demonstration suggestions as to how the home grounds might be developed were proposed by the specialist by means of a field landscape plan. Newspaper articles appeared in the county papers publicizing these demonstrations. Pictures were taken. It is the plan of the agents to invite the public to return to these homes next year to see the progress that has been made.

#### Farm and Home Development Projects

Work during the year in the farm and home development projects was very limited. Some home visits were made to advise individual owners. Requests to visit several other farm and home projects had to be turned down or delayed because the time was not available for scheduling these requests as higher priority was given to group projects.

#### County Beautification Committees

At the request of the agents the specialists met with county committees in Henry, Chesterfield and Botetourt to assist in helping to set up long range home and community beautification county goals. In

addition to assisting in setting up these goals the specialists were called upon as a result of these conferences to assist in helping with educational programs for helping to assist county folks in home and community beautification.

Home and Community Beautification Goal

The specialists again served as a sponsor for the home and community beautification goal of the Virginia Federation of Home Demonstration Clubs. Twenty-four counties took part in this program. Assistance was given to the state chairman and individual help was given to the various county chairmen in keeping them supplied with subject matter material.

The over-all aim of this program is as follows:

"To see ourselves as tourist see us. To make Virginia homes and communities more attractive and useful while conserving wisely and well our natural resources."

Worked with Nurserymen, Florist and Professional Workers as Requested by Agents.

Since the field of nursery production and floriculture is a specialized field and most agents have little training in this field, the specialists were called upon to visit 50 commercial organizations to advise on production problems. Many of these calls could have been handled by agents, if they had had training in ornamental horticulture.

B. Work with Registered Nurserymen

At the present time there are 522 registered nurserymen in Virginia with an estimated 9,039 acres devoted to the growing of ornamental plants.

The nursery industry is a growing industry and it looks to the Extension division of the Department of Horticulture for help as follows:

1. Keeping the industry aware of the latest research developments in the fields of nursery management.
2. Assistance in providing training opportunities for members of the industry.
3. Guidance especially for new members of the industry.
4. Providing an educational program to help promote greater pride by Virginians in home and community beautification.

The specialists served the nursery industry through educational meetings, training schools, a monthly news letter, meeting with committees and directors, visits to nurseries, and letters about special problems.

A Landscape Short Course was held in Fairfax County for Virginia Nurserymen. The specialists in cooperation with the Fairfax Extension Office arranged for instructors for this Short Course. Extension specialists and research workers from the VPI departments of Plant Pathology, Plant Physiology, Agronomy, Entomology and Horticulture served as instructors at this school.

At the annual meeting of the Virginia Nurserymen's Association which was held in January and the summer meeting held in June, the specialists in this project assisted the nurseryman in helping to organize the education aspects of these meetings. At the annual

meeting an education exhibit was set up.

C. Work with Florists

At the present time the Virginia florists are not organized state-wide like the Virginia Nurserymen's Association. Some of the florists are associated with the Tri-State Growers' Association which includes florists from Virginia, Tennessee, and North Carolina. During the year, no special training programs were held by the horticultural specialists for florists. Twenty visits were made to individual florists establishments to advise on greenhouse production problems. Approximately 25 requests were received from people seeking advice concerning the advisability of entering some phase of the floriculture industry.

D. Work with Bulb Growers

During the year research and Extension work was carried on with the daffodil growers in eastern Virginia. The results of the latest experimental findings were made available to the growers in a report issued in April. In the fall one of the specialists assigned to this project met with the growers during a two day short course and took part in the formal program and in the general discussions.

During the year with the county agents of Gloucester and Mathews, visits were made to bulb growers to advise on production problems.

E. Work with Professional Workers in Landscape Design and Turf Management

A major problem facing professional ornamental workers associated with golf courses, roadside beautification, parks, cemeteries and public grounds is the rising cost of materials and labor. Professional workers in these areas spend large sums of money and are especially anxious to get the best results possible. For example during 1959, the highway

department used approximately 750 tons of fertilizer and 68,000 pounds of seed. It is estimated that contractors used approximately 2,000 tons of fertilizer and 150,000 pounds of seed. There were approximately 985 trees planted and 8,000 shrubs. This represents an expenditure of approximately 1,000,000 dollars.

For several years now these professional workers have looked to the horticultural department for assistance in keeping up-to-date for the latest recommendations in order to use their allotted money wisely. In order to service this group, the Annual Landscape Short Course was again held at VPI. The departments of Agronomy, Entomology, Plant Pathology, Plant Physiology cooperated in assisting the horticultural department in presenting the Sixth Annual Landscape Short Course. See exhibit No. 2 for program details.

For those professionally interested in turf a Turfgrass Field Day was held at Blacksburg where the latest turf research information was interpreted by the Extension Personnel. During the year assistance was given to three Turfgrass Associations, The Tidewater, Central and Virginia's in helping them to sponsor educational programs during their regular meetings. Assistance in planning a turfgrass conference for 1961 was given.

F. 4-H Home Grounds Beautification Project

During the year 6,758 boys and girls were enrolled in the 4-H project. A further tabulation is shown on the table on the next page.

1960

BEAUTIFICATION OF HOME GROUNDS

White

| <u>Unit</u> | <u>Members Enrolled</u> | <u>Completions</u> | <u>No. Counties</u> |
|-------------|-------------------------|--------------------|---------------------|
| I           | 5,596                   | 4,119              | 83                  |
| II          | 383                     | 274                | 38                  |
|             | <hr/>                   | <hr/>              | <hr/>               |
| TOTALS      | 5,979                   | 4,393              |                     |

Negro

| <u>Unit</u> | <u>Members Enrolled</u> | <u>Completions</u> | <u>No. Counties</u> |
|-------------|-------------------------|--------------------|---------------------|
| I           | 1,648                   | 900                | 33                  |
| II          | 131                     | 68                 | 8                   |
|             | <hr/>                   | <hr/>              | <hr/>               |
| TOTALS      | 1,779                   | 968                |                     |

This project has a wide appeal because boys and girls in 83 white counties selected this project.

The Plant Virginia Association Incorporated donated \$160 to assist in sponsoring the 4-H Home Grounds Beautification Projects. The money was used as follows:

|               |                                                                |
|---------------|----------------------------------------------------------------|
| \$ 37.50      | - Bond for state award                                         |
| 120.00        | - District award of scholarship trip to state 4-H Short Course |
| 2.50          | - Ribbon and contest expenses                                  |
| <u>160.00</u> |                                                                |

Through the generosity of the Plant Virginia Association it was possible to award 12 scholarships to the 4-H Short Course. To win the scholarship the 4-H boy or girl had to win or be runner-up in a district landscape contest. The scholarship winners competed at Blacksburg during the annual 4-H Short Course for the state award. John Bartholomew of Charlotte County was the winner and the title of his demonstration was Landscaping the Home Grounds.

Warren Nelson of Nelson County was the 1960 winner for Beautification of Home Grounds Achievement Award for the best Record Book.

He reports, "My nursery was the means wherein I was able to beautify my home and grounds. My nursery has enabled me to landscape our entire lawn and it returned me over \$1,050 in cash sales to nurseries. This money, in turn, enabled my father to purchase a \$800 central heating system for our home and to install a bathroom with shower-bath.

Virginia had a National Winner in the Home Grounds Achievement Contest Program. Betty Ann Lee of Princess Anne County was named one of the 1960 National winners which provided her with a trip to the National 4-H Club Congress and a \$100 scholarship. Betty Ann says the 4-H

Beautification of Home Grounds Project has been of great value to her as an individual as well as to her family.

G. Garden Clubs

At the present time there are approximately 25,000 garden club members in the Virginia Federation of Garden Clubs, the Garden Club of Virginia and in non-federated clubs.

These organizations are interested in making Virginia more attractive through their beautification programs which include conservation, roadside beautification, landscaping of public buildings, anti-litterbug activities and the restoration of historic gardens and public shrines. In addition, the state garden club organizations conducted educational programs in horticulture, landscape design, and flower arranging.

Since the aims of the garden club organizations are quite similar to this over-all project the specialist assigned the garden club organization as follows:

1. Co-sponsored two state-wide Landscape Design Study Courses.

The purpose of these study programs is to help educate garden club members and the general public to know good landscape practice and to serve as guardians and critics on outdoor beauty in Virginia. Fifty garden club leaders have now completed the first series of four Landscape Study Courses that have been offered.

2. Co-sponsored two state-wide Flower Show Schools.

The average attendance for these two schools was 200. The purpose of these schools are to train garden club women in the

art of flower arranging, principles of horticulture and how to judge at flower shows.

3. The specialist lectured at twenty-four meetings sponsored by the garden clubs.

In addition the specialist supplied subject matter material for garden club leaders to assist them in preparing talks for individual club meetings. Slide sets were made available to club leaders. Monthly Landscape Notes were made available to garden club presidents. Many clubs reported that these horticultural notes giving timely landscape and horticultural hints were read at the monthly club meetings.

#### H. General Public

The horticultural department of the VPI Extension Service has been a major agency in the state where individuals can write or telephone for information on problems dealing with ornamental horticulture. Over 3,348 letters were written giving advice. The majority of requests for information were on

- Azaleas
- Roses
- Establishing and Maintaining Lawns
- Selection of Trees and Shrubs
- Soil Report Recommendation
- House Plants
- Pruning
- Culture of Bulbs
- Propagation
- Community Beautification

Many of the letters involved research and were time-consuming.

During the month of August the Garden Lovers' Short Course was held. This course is primarily for the homeowners and amateur horticulturists interested in keeping abreast of the latest research in the field of ornamental horticulture and general horticulture. A Twenty-Fifth Anniversary Program was held.

I. Plant Societies

In Virginia there are now several chapters of national plant societies. Many of these societies look to the V.F.I., Horticultural Department for guidance. The specialists during the year furnished information or assisted in the program activities of the following plant societies:

American Holly Society

Mid-Atlantic Chapter of the American Rhododendron Society

American Daffodil Society

American Camellia Society (Norfolk Chapter)

American Rose Society (Roanoke and Richmond Chapters)

B. Contribution to Regional Programs

During the year no special extension programs were conducted by the specialists in this project that involved other states.

C. Total Project - Over-all Appraisal

In the Plan of Work for 1960 it was stated that emphasis will be placed on working with the following:

Extension Agents

Garden Club Officials and Leaders

Home Demonstration Club Leaders

Plant Societies

Registered Nurserymen

Florists

Professional Landscape and Horticultural Workers

Officials of the Plant Virginia Association

Homeowners

Youth Groups (4-H and Junior Garden Clubs)

Farm and Home Development Workers

Work was carried out in all of these areas. Since it was not possible with the limited personnel assigned to this project to adequately meet all the requests it was necessary to limit some of the activities. Priority was given to group programs over individual requests. Excellent cooperation and assistance was received from the following groups:

Virginia Agricultural Extension Agents

Virginia Department of Highways - Landscape Division

Virginia Federation of Garden Clubs

The Garden Club of Virginia

Virginia Turf Association

Tidewater Turf Association

Central Turf Association

Plant Virginia Association

Virginia Nurserymen's Association

Virginia Florists

Division of Plant Industry - State Department of Agriculture

V. F. I. Departments

Department of Building and Grounds

Agronomy

Plant Physiology and Plant Pathology

Entomology  
Architectural and City Planning  
Soil Conservation  
4-H Department  
Information Publications  
Agricultural Engineering  
Forestry

Greater use was made of the monthly Landscape Notes to reach a greater number of people. Lack of time limited the preparation of new publications. In the coming year the over-all program could be strengthened by devoting more time to publications. In order to find time for publications it will be necessary to carefully examine all requests from the county agents and others to eliminate requests that are chiefly in the personal service category.

#### IV. SPECIAL REPORT

##### Significant Story

For two years the horticultural specialists have been preparing monthly Landscape Notes. Originally these notes were prepared only for the County Extension Agents in order to keep them informed on timely horticultural information. When each issue was prepared an effort was made to anticipate the inquiries most likely to be received by the agents during the coming month and to furnish information that will help the agent to answer telephone or other inquiries. It was also envisioned that the Landscape Notes would be used as source material for radio talks and for agents writing weekly columns in the local or county newspapers.

However, greater use is now being made of these Landscape Notes. Originally less than a 1,000 copies were distributed per month. The agents are now requesting additional copies and at the present time around 10,000 are being distributed each month.

The agents have requested these notes for such groups as the following:

Home Demonstration Leaders

County Chairmen of the Home Demonstration Home and Community Beautification Project

Horticultural Chairmen of Garden Clubs

4-H Home Grounds Beautification Leaders

Professional Horticultural Workers and Amateur Horticulturists

In general the county Extension agents are responsible for distribution of these notes. Only a limited mailing list is maintained here at V.F.I.

Other uses are being made of these monthly publications. The Editorial Department uses some of the material in preparing horticultural articles for news releases. Copies of these notes are being mailed direct to the members of the nursery industry and to certain state agencies concerned in the maintenance of public grounds.

It is difficult to estimate how many folks beyond the 10,000 copies that are distributed are benefiting from these notes. Many folks indirectly are reached through the radio and newspaper releases. A great number of folks are hearing reports at their garden club and home demonstration club meetings on timely horticultural information that are based on the Landscape Notes even though they do not actually receive a copy of the Landscape Notes. These Landscape Notes are one example of a technique for reaching a large number of homeowners with timely horticultural information.

V STATISTICS

|                                        |        |
|----------------------------------------|--------|
| Days in Office-----                    | 270    |
| Days in Field-----                     | 178    |
| Miles Traveled-----                    | 25,105 |
| Farm or Home Visits-----               | 169    |
| Leader Training Meetings-----          | 27     |
| Conferences with Extension Agents----- | 142    |
| Circulars Prepared-----                | 2      |
| Bulletins Prepared-----                | 0      |
| Leaflets Prepared-----                 | 12     |
| Circular Letters-----                  | 15     |
| Slide Sets Loaned-----                 | 107    |
| Public Projects-----                   | 69     |
| Home Visits-----                       | 169    |
| Talks to Groups-----                   | 59     |
| Radio and TV Programs-----             | 17     |
| News Articles-----                     | 45     |
| Agent Training Schools-----            | 5      |
| Tours or Field Days-----               | 15     |

VI EXHIBITS

- Exhibit 1 Landscape Design
- Exhibit 2 Sixth Annual Landscape Short Course
- Exhibit 3 Garden Lovers' Short Course
- Exhibit 4 Course Three of the Flower Show School
- Exhibit 5 Advanced Course in Flower Show Judging
- Exhibit 6 Landscape Notes
- Exhibit 7 Fairfax Institute
- Exhibit 8 Virginia Nurserymen's Association News Letter
- Exhibit 9 Maps

landscape

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COURSE IV

SPONSORED BY

**Virginia Federation  
of Garden Clubs**

MEMBER

**National Council of  
State Garden Clubs, Inc.**

IN COOPERATION WITH THE  
**Dept. of Horticulture, V.P.I.**

OLD DOMINION ROOM

**Miller & Rhoads**

SEPTEMBER 27, 28, and 29, 1960

RICHMOND, VIRGINIA

Exhibit 2

*Sixth Annual*  
**LANDSCAPE SHORT COURSE**

VIRGINIA POLYTECHNIC INSTITUTE  
BLACKSBURG, VIRGINIA

May 4, 5, 6, 1960



**Sponsors**

V.P.I. AGRICULTURAL EXTENSION SERVICE

VIRGINIA DEPARTMENT OF HIGHWAYS

# GARDEN LOVERS' SHORT COURSE

*25th Anniversary Program*



AUGUST 1-5, 1960

Virginia Polytechnic Institute  
Blacksburg, Virginia



AGRICULTURAL EXTENSION SERVICE, V. P. I.  
BLACKSBURG, VIRGINIA

*Course Three*  
*of*  
*The Flower Show School*

**NATIONAL COUNCIL OF STATE GARDEN CLUBS**

Incorporated

Sponsored by

*The Virginia Federation of Garden Clubs*

**AUGUST 1-4, 1960**

V. P. I. CAMPUS  
Blacksburg, Virginia



In cooperation with

**THE DEPARTMENT OF HORTICULTURE  
VIRGINIA POLYTECHNIC INSTITUTE**

Blacksburg, Virginia

Exhibit 5

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ADVANCED COURSE  
 in  
 FLOWER SHOW JUDGING

*National Council of State Garden Clubs, Inc.*

Sponsored by  
 VIRGINIA COUNCIL OF ACCREDITED FLOWER SHOW JUDGES

MARCH 29, 30, 31, 1960

OLD DOMINION ROOM — MILLER & RHOADS  
 RICHMOND, VIRGINIA



In cooperation with  
 THE VIRGINIA FEDERATION OF GARDEN CLUBS  
 and  
 THE DEPARTMENT OF HORTICULTURE,  
 VIRGINIA POLYTECHNIC INSTITUTE  
 Blacksburg, Virginia

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## Landscape Notes

Prepared by Extension Horticulturists A. S. Beecher, and P. L. Smeal

March, 1961

Pruning - Flowering Shrubs which bloom in the summer may be pruned in March. Summer blooming shrubs will produce new flowering wood during the spring. Do not prune spring-blooming shrubs now but wait until after the flowers fade.

Summer-blooming shrubs that may be pruned now:

|                              |                                   |
|------------------------------|-----------------------------------|
| Abelia                       | Buddleia (Butterfly Bush)         |
| Callicarpa                   | Caryopteris (Blue Spiraea)        |
| Lagerstroemia (Crape Myrtle) | Lespedeza                         |
| Lonicera (Bush Honeysuckle)  | Rosa (Bush Roses)                 |
| Clethra                      | Hibiscus (Althea)                 |
| Hydrangea (Large white)      | Hypericum (St. John's Wort)       |
| Kerria                       | Spiraea (Colors other than white) |
| Vitex (Chaste Tree )         | Tamarix (Late Flowering)          |

Check the bush roses and prune where needed. Place a caulking compound on all cuts. This material keeps carpenter bees and disease organisms from entering the canes.

Evergreens may be pruned at any season of the year. Overgrown or neglected evergreens, like arborvitae or chamaecyparis, should be topped now. New growth may soon cover the bare areas.

Check Bulbs in Storage - Inspect tubers of dahlias to see if the moisture conditions are right. Sprinkle if too dry. Inspect all bulbs and corms. Cut off portions which show decay. Dust with sulphur.

Forcing Tree and Shrub Branches for Early Bloom - During early March, many of the early spring flowering trees and shrubs may be forced into bloom in the home where their flowers can bring an early breath of spring. Since many of our flowering shrubs are only beautiful for a week or two, while they are in bloom, forcing is an ideal way to extend their period of usefulness. Also, if pruning has been neglected, it will help to thin the plants.

Agricultural Extension Service, V.P.I., Blacksburg, Virginia  
An Educational Service of the Virginia Polytechnic Institute in Cooperation  
with the U. S. Department of Agriculture and County Governments.

From trees or shrubs that normally bloom early, select branches that are well supplied with flower buds. Place the branches in a jar of water in a cool room. After the buds swell move them into a room at ordinary room temperature. Branches of easily forced bloom, such as forsythia, can be placed in a location at ordinary room temperature from the start. Quicker results can be obtained by immersing the branches in warm water, when they are first brought into the house for ten to fifteen minutes. Syringing the branches every day with water will help to hasten the swelling of the buds. Recut the stems and change the water occasionally.

Branches that can be forced easily:

Flowering Quince (*Chaenomeles japonica*)  
Forsythia (various forsythias)  
Winter jasmine (*Jasminum nudiflorum*)  
Spirea (*Spiraea thunbergi* - *S. prunifolia*)  
Cornelian cherry (*Cornus mas*)  
Redbud (*Cercis canadensis*)  
Winter or fragrant honeysuckle (*Lonicera fragrantissima*)  
Shadblow (*Amelanchier canadensis*)  
Star Magnolia (*Magnolia stellata*)  
Flowering Crabapples (Various *malus*)  
Flowering Cherries (Various *prunus*)  
Viburnums (Various *viburnums*)

Check Pansies - Pansies planted last fall may need to be pressed back in place if frost has heaved them out of the ground.

Catalog time - Study your garden catalogs and plan your annual and perennial borders. Now is a good time to place your seed order.

Starting a New Lawn - The best time for sowing Kentucky bluegrass grass seed is late August or September. Early spring is the next best time. If the ground is ready and the soil is not too wet, sow seed in early March. Do not work the soil when it is wet. For complete details on lawns, see Extension Bulletin 243.

Time to Visit Nurserymen - If you are planning to set out trees or shrubs this spring, plan your landscaping now. Visit your nurseryman in March as he will have more time to assist you with your landscape problems now. Select your plants and they will be tagged for delivery later in the spring. Early shoppers will have a wider selection to choose from and will be able to select choice plants.

If you need help in choosing material for foundation plantings, bring a photograph of your home with you when you visit the nurseryman. It will help him to guide you in the proper selection of plants for your home.

Keep in mind that the basic purpose of foundation planting is to help create an over-all pleasing composition. Think first in terms of trees and shrub masses and how they may be blended together. Take time to visualize how large these trees and shrubs should be in the years to come. If you know ahead of time that for the

best landscape effect the plantings at the corners should be about five feet tall, select a plant that normally grows about that height, or be prepared to start pruning as the plant approaches the preferred height.

To create a pleasing composition it may be desirable to accent the doorway, to soften the lines of the house, to tie the various plant groups together, as well as to provide shade, framing, and a suitable background. Having too many vertical forms and too many different types of plants are mistakes often made in designing foundation plantings. Failure to understand how or when to prune is often responsible for the poor condition of foundation plantings.

#### Starting Annuals Indoors

Early March is the time to plant the seeds of plants which take a long time to germinate, such as Lobelia, Ageratum, Verbena, Petunia, Scabiosa, Tihonia, etc. For others, follow directions on seed packets.

Prepare a soil mixture of:

- 1/3 garden loam
- 1/3 sharp sand
- 1/3 peatmoss or leafmold

Mix it well and fill shallow boxes (flats) or shallow pots. Plant in straight rows and mark each with a label.

To prevent damping-off, sterilize the soil. The home owner who grows only a few flats of seeds can place a pan of moist soil mixture in the oven for two hours at 250°F.

After the seeds are planted, water from below by setting the flat in a tray of water. Do not allow the flat to become soggy, but keep the soil moist.

For further details see Extension Circular 764, Starting Early Plants.

#### Growing Plants in the Cold Frame or Hot Bed

Home owners that plan to get an early start in growing annuals, perennials, or vegetables may want to use a cold frame or hot bed instead of attempting to start the plants inside the home. Now is the time to sow seed for this type of operation.

Cold frames are useful also for hardening plants started in the house.

#### Check Your Foundation Planting

March is a good time to move shrubs. Check to see if some of the plants are being crowded. Remove the ones that are too close.

#### Dehorning or Heading-Back

The practice of topping trees in Virginia is wide-spread. Dehorning or "heading-back" often creates problems instead of fulfilling corrective needs. Tree pruning should aid in improving the general welfare and appearance of plants.

A dehorned tree has lost its landscape beauty. If a tree is too tall, remove and replace with a tree that will be in proper scale for the landscape development.

#### Scale Insects

While the plants are still dormant, it is easy to observe scale insects. Lilac, privet, euonymus, juniper, all fruit stock, English laurel and cotoneaster are especially susceptible to scale. Use a dormant oil spray and follow directions on the container.

Dormant sprays should not be applied when the temperature is below 40°-45°F. Avoid spraying in the late afternoon if there is danger of freezing.

#### The Flower Garden

The mulch which was put on the flower borders last fall may be gradually removed, or if the mulch was of manure, sawdust, or peanut hulls, it should be worked into the soil in order to increase the organic matter content. Organic matter in the soil improves the water holding capacity and soil aeration.

Lime may be broadcast over the flower borders if the soil is in an acid condition.

A complete fertilizer, such as 5-10-5, may be spread around the spring flowering bulbs and perennial plants which will soon be starting into active growth.

Stem cuttings of coleus and geraniums may be taken now, and rooted to be planted outdoors.

#### Winter Injury

This winter has been very hard on many broadleaf evergreens and the foliage has been severely damaged. Boxwoods, Chinese hollies and evergreen privets look especially bad. Do not be in too much of a hurry to cut these plants back. Wait and see whether new growth is going to develop before pruning. Foliage which is damaged by winter injury is often replaced by new leaves; and by the end of the spring the plant looks normal again. Stems which have been completely killed should be pruned.

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**LAWN  
OR  
GARDEN  
PROBLEMS?**

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SEE INSIDE

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2, sheet 8

# Virginia Nurserymen's Association, Inc.

## V N A NEWS



B. BEECHER, EDITOR, DEPT. OF HORTICULTURE, V. P. 1, BLACKSBURG, VA

CHARLES L. OTEY, SECRETARY, ROUTE 18, RICHMOND, VIRGINIA

June 1960

### DELEGATES AND MEMBERS OF BOARD OF GOVERNORS OF A.A.N. - Chapter 17

A. J. Lancaster, Jr.  
Coleman Nursery, Inc.  
Portsmouth, Virginia

Ray Quillen  
Waynesboro Nurseries, Inc.  
Waynesboro, Virginia

### Alternates

Carl F. Flemer, Jr.  
Ingleside Farm Nursery  
Oak Grove, Virginia

Owen G. Wood  
Wood-Howell Nurseries, Inc.  
Bristol, Virginia

\*\*\*\*\*

### BOARD OF DIRECTORS MEETING

HOTEL JOHN MARSHALL, RICHMOND, VIRGINIA  
JUNE 8, 1960

#### Members present:

Wendall L. Winn  
W. D. Arnold  
C. L. Otey

Carl F. Flemer, Jr.  
Arthur J. Lancaster, Jr.

#### Others present:

George Stockner

Minutes of the Board meeting on February 20th were approved by the Board.

The secretary presented the summary of the First National Nematode Conference which was published in the V.N.A. News Letter's May issue, and the Board instructed Program Chairman Walter D. Arnold to initiate a program for the annual meeting to include educational information and methods available for control of nematodes.

The secretary reported that the Text of the Sunday Closing Law approved by the General Assembly and an opinion of the law had been received by the Legislative Committee Chairman and will be published in the News Letter.

The membership resignation of Broadleaf Gardens, Onley, Virginia and Edgewood Nursery, Bayside, Virginia were accepted by the Board.

The memberships of R. W. Askew, Suffolk, Virginia  
Boxwood Gardens Nursery, Winchester, Virginia  
Mason Valley Estates Nursery, Roanoke, Virginia  
were dropped from the roster by action of the Board for non payment of dues.

The secretary presented a statement of account from the Chesterfield County Bank which showed an operating balance of \$1,791.81.

(Cont'd. on next page)

The secretary presented a letter from Charles H. Kennedy in answer to a membership application which clearly stated that there was a growing trend of financial irresponsibility among many nurserymen. Mr. Kennedy expressed the need and desire for a credit association to be established within the V.N.A. In regard to Mr. Kennedy's recommendation President Winn appointed A. J. Lancaster, Chairman, Charles H. Kennedy and Charles L. Otey, Committeemen to present a recommended program at the annual meeting in January 1961.

The application for membership of Lewinsville Nursery, McLean, Virginia was disapproved by action of the Board of Directors and the secretary was instructed to notify all parties in connection with the Board's decision.

The 30th Annual meeting of the V.N.A. January 22, 23, and 24, 1961, Hotel John Marshall, Richmond, Virginia was discussed by the Board and valued information in regard to program and budget were presented to Program Chairman Walter D. Arnold.

The Convention Committee will be appointed by President Winn.

The V.N.A. Summer Tour was discussed by the Board and the Secretary reported that 19 members had made reservations to attend. He informed the Board that 32 additional letters had been sent to members, of this number 20 had expressed a desire to attend a tour instead of a summer meeting.

The secretary was instructed to call members by telephone who expressed a desire to attend the tour.

After a discussion of the tour arrangements the meeting was adjourned at 6:15 p.m.

Charles L. Otey  
Secretary-Treasurer

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WARNING

From what I've observed in my own yard and others around about Richmond, red spiders are "going to town" - "Nurserymen - Beware."

Bagworms are now several weeks old, and infested plants should be easily detected - Nurserymen better do some "checking" and spray to kill these young worms - don't wait until the evergreens are "devoured" and dead, and the worms scattered before spraying.

C. R. Willey  
State Entomologist

\*\*\*\*\*

PERSONAL NOTE OF INTEREST

Jimmy Campbell of Campbell's Native Nursery, Franklin, Virginia was in the hospital for minor surgery on his leg the last of May. Jimmy's wife, Gwen, will enter Medical College of Virginia Hospital in Richmond on June 15 for plastic surgery on her eardrum.

Business here this spring was good in spite of the bad weather in March, our total sales for January through May being about \$1200 over last year.

\*\*\*\*\*

INFORMATION ON NEW LAW  
WORKING AND TRANSACTING BUSINESS ON SUNDAY

Mr. Albert J. Shoosmith  
c/o Southside Nurseries, Inc.  
R.F.D. 15, Box 471  
Richmond, Virginia

Dear Bert:

You asked me to write you about the new law passed by the last General Assembly as to working and transacting business on Sunday.

I enclose 15 copies of the Act.

The act does not go into effect until June 27 and naturally there are no court interpretations of its meaning.

The old act prohibited all work except household and other work of necessity or charity but stated that it did not apply to furnaces, kilns, plants and other business of like kind that may be necessary to be conducted on Sunday nor to the sale of gasoline or any motor vehicle fuel nor the operation of motion picture theatres.

In the practical application of the old law, courts and juries frequently held that almost anything was a work of necessity.

The new act specifies that the selling of certain articles shall not be deemed work of necessity.

As it affects the nurserymen, it specifically provides that the selling of farm implements and lawn and garden equipment and supplies are not work of necessity. It also provides that the sale of farm produce is not a work of necessity but permits sales of farm produce grown by the seller and sold at roadside stands or at the place where grown. This brings up the old question as to whether a nurseryman is a farmer and whether the plants raised by him are farm produce.

The act clearly prohibits the sale of nursery stock not raised by the seller and offered for sale at roadside stands or at the place where grown.

I believe the legislative intent that nurserymen should be classed as farmers has been sufficiently shown to permit nurserymen to sell on Sunday any plants raised by them at roadside stands or at the place they are raised.

It seems evident that the act will be attacked on the basis that it is unconstitutional. It would require considerable study to give you an opinion on this question, and I did not understand you wished me to do this.

If you desire any other information, please let me know.

Sincerely yours,  
Richard Florance  
Florance, Gordon and Brown  
Attorneys at Law

(Cont'd. on next page)

A COPY OF THE ACT

CHAPTER 267

An Act to amend and reenact Sec. 18-329 of the Code of Virginia, relating to working or transacting business on Sunday; and to add Secs. 18-329.1 and 18-329.2, to provide penalties for violations.

(H 279)

Mar. 12, 1960

Approved

Be it enacted by the General Assembly of Virginia:

1. That Sec. 18-329 of the Code of Virginia be amended and reenacted, and new sections numbered 18-329.1 and 18-329.2 be added, as follows:

Sec. 18-329. \* Working or transacting business on Sunday. - On the first day of the week, commonly known and designated as Sunday, it shall be unlawful for any person to engage in work, labor or business or to employ others to engage in work, labor or business except in household or other work of necessity or charity. The exemption for works of necessity or charity contained in the preceding sentence shall not be deemed to include selling at retail or wholesale or by auction, or offering or attempting to sell, on Sunday, any of the following: jewelry; precious and semiprecious stones; silverware; watches; clocks; luggage; musical instruments; recordings; toys (excluding items customarily sold as novelties and souvenirs); clothing and wearing apparel; clothing accessories; footwear; textile yard goods; housewares; china; kitchenware; home, business, office or outdoor furniture, furnishings and appliances; sporting goods (excluding sales or rental of bathing, boating, and fishing paraphernalia and equipment, and sales or rental on the premises where sports, athletic events or recreational facilities are located or conducted of equipment essential to the normal use or operation of such premises for the purposes specified); pets, pet equipment or supplies; cameras and photographic supplies (excluding film and flash bulbs); hardware; tools, paints; building and lumber supplies and materials; motor vehicles; trailers (excluding mobile homes); farm implements; lawn and garden equipment and supplies; farm produce (excluding sales of farm produce grown by the seller and sold at roadside stands or at the place where grown) or fresh, frozen or salt meats, poultry or seafood customarily inedible without further cooking or preparation (excluding smoked or cured hams). No inference shall arise from the foregoing enumeration of classes of personal property that sales or offers or attempts to sell other classes of personal property not mentioned are included within the above exemption for works of necessity or charity. This section shall not apply to furnaces, kilns, plants, wholesale food warehouses, ship chandleries, and other business of like kind that may be necessary to be conducted on Sunday, nor to the publication, distribution and sale of newspapers or magazines, nor to the sale of motor fuels or oils, repair parts or accessories for immediate necessary use in connection with motor vehicles, boats or aircraft, nor to the operation of motion picture theatres, nor to sports, athletic events, scenic, historic and recreational and amusement facilities.

(Cont'd. on next page)

Sec. 18-329.1 - Punishment for violation. - Any person violating the provisions of Sec. 18-329 shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined not more than one hundred dollars for the first offense and not more than two hundred dollars for the second or any subsequent offense occurring within one year after conviction of the first offense, or in default thereof shall be confined in jail for not exceeding thirty days. In addition, the court in which any judgment of conviction is rendered may require of the person so convicted a recognizance in a penalty of not less than five hundred or more than five thousand dollars, with or without security, conditioned that such person shall be of good behavior, and especially shall refrain from a repetition of such offense for a period not exceeding twelve months. Each separate sale, offer or attempt to sell on Sunday the classes of personal property enumerated in Sec. 18-329, and each Sunday a person is engaged in other work, labor or business in violation of Sec. 18-329, or employs others to be so engaged, shall constitute a separate offense.

Sec. 18-329.2. Continued violations deemed a nuisance. - In addition to the penalties upon conviction of violations hereinabove provided, the premises in or upon which the violations occurred shall be deemed a nuisance after any four violations of Sec. 18-329 occurring within any period of twelve months have resulted in convictions.

A TRUE COPY, TESTE:

May 31 1960 (S) E. Griffith Dodson

Clerk of the House of Delegates  
and Keeper of the Rolls of the  
State.

\*\*\*\*\*

A BUSINESS REPORT

Due to late Spring and a late shipping season, transplanting lining-out to the field was late. Fortunately cold storage facilities made possible holding material in dormant condition. We were also fortunate in having ample rainfall, so newly transplanted stock is off with a good start. So are weeds which have had much encouragement and little opposition. Eradication is expected to be long, drawn out and expensive. Weed control tests being carried on in our nursery by V.P.I. show much promise.

Summer sales are up to par and are expected to continue. Container-grown shrubs and the use of Wiltproof in spraying shade trees and evergreens makes possible planting all summer. While the cost is more it is possible to charge more, resulting in profitable business. At this time the prospect for supply of nursery stock for Fall and Spring is good - possibly too much in some cases.

E. M. Quillen  
WAYNESBORO NURSERIES, INC.  
Waynesboro, Virginia

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25TH ANNIVERSARY PROGRAM

This summer marks the 25th year since the start of the Annual Garden Lovers' Short Course at Virginia Polytechnic Institute. Back in 1935 folks interested in growing and arranging flowers started coming to the Blacksburg campus. The first meeting was sponsored by the Southwestern Garden Club and the Virginia Federation of Garden Clubs. This initial program was under the direction of Professor A. G. Smith, Jr.

Since the first session these programs have been held every year except for three that were cancelled during the war years.

In 1949 because of the growing popularity of these summer programs it was decided to hold two separate sessions. Each summer now the Horticulture Department holds concurrently a Flower Show Judging School and the Garden Lovers' Program. The former program is for those interested in flower arranging and judging and the latter is a more general program dealing with a wide range of ornamental subjects.

The program for the Garden Lovers' Short Course is printed below and nurserymen are cordially invited to attend. Information concerning registration and housing can be obtained by contacting Professor Albert S. Beecher, Department of Horticulture, at V.P.I.

Monday, August 1

2:00 to 9:00 p.m. - Registration, Eggleston Hall, West

7:30 p.m. - Films - "Historic Garden Week in Virginia"  
"Soul of the People" - (The V.P.I. Story)

Tuesday, August 2

8:30 a.m. - Film - "Landscape for Living"

9:00 a.m. - "Landscaping the Home Grounds" by Mrs. C. Meekins, Winn Nursery, Inc., Norfolk, Virginia

10:30 a.m. - Recess

10:45 a.m. - "Keep Virginia Beautiful" by H. J. Neale, Landscape Consultant, Richmond, Virginia

2:00 p.m. - "Push Button Gardening" by P. H. Massey, Jr., Department of Horticulture, V.P.I.

2:45 p.m. - Workshops - Select one  
"Pruning Demonstrations" by A. S. Beecher  
"Plant Propagation" by J. D. Ashley  
"Corsage Making" by R. W. Gray, II  
Staff members - Horticulture Department

(Cont'd. on next page)

Tuesday, August 2

- 4:00 p.m. - Swimming, College Pool  
Golf, V.P.I. Course
- 7:30 p.m. - Special 25th Anniversary Program

Wednesday, August 3

- 8:30 a.m. - Film - "The Colour of Life"
- 9:00 a.m. - "Virginia Gardens," Kodachrome Slides
- 9:45 a.m. - Recess
- 10:00 a.m. - Experiment Station Tour:  
"Elastic Greenhouses" by P. H. Massey, Jr.  
"Ornamental Gardens and Greenhouses" by R. W. Gray, II  
"Plant Diseases (Vegetables)" by R. G. Henderson and L. Spasoff
- 2:00 p.m. - Experiment Station Tour:  
"Vegetable Plots" by F. H. Scott  
"Fruit Plots" by G. D. Oberle  
"Processing Vegetables" by L. W. Johnson  
"Arboretum" by J. D. Ashley
- 4:00 p.m. - Swimming, College Pool  
Golf, V.P.I. Course
- 7:00 p.m. - Share Your Kodachrome Slides

Thursday, August 4

- 8:30 a.m. - Film - "How Does Your Garden Grow"
- 9:00 a.m. - "Birds in the Garden" by H. S. Mosby, Department of Forestry and  
Wildlife, V.P.I.
- 10:00 a.m. - Recess
- 10:15 a.m. - "Name that Plant"
- 10:45 a.m. - "Trees Are Interesting" by C. J. Holcomb, Department of Forestry and  
Wildlife, V.P.I.
- 2:00 p.m. - Workshops - Select one  
"Pruning Demonstration" by A. S. Beecher  
"Plant Propagation" by J. D. Ashley  
"Corsage Making" by R. W. Gray, II  
Staff members - Horticulture Department
- 4:00 p.m. - Campus Tour  
Swimming, College Pool  
Golf, V.P.I. Course
- 7:30 p.m. - Films - "Sterling Forest Gardens" "Brooks and Rainbows"

(Cont'd. on next page)

Friday, August 5

8:30 a.m. - "Landscape Workshop" - Individual problems will be discussed. Bring your plot plan and photographs of your problem areas.

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GRADUATION TIME AT V.P.I.

Eight horticultural students received their degrees at the recent V.P.I. graduation exercises. Six of these students were in ornamental horticulture. All of these ornamental students have accepted employment or are planning to do graduate work as follows:

John S. Clatterbaugh, Jr., Stuarts Draft, Va. - Waynesboro Landscape Service.  
George H. Fekas, Newport News, Va. - enrolled at graduate school.  
Nancy J. Meyertons, Louisa, Va. - The Norfolk Park Department.  
William O. Minor, Winchester, Va. - Ingleside Farm.  
Winton Spiller, Jr., Richmond, Va. - Armed services.  
Wm. L. Whitehead, Jr., Courtland, Va. - Williamsburg Garden Center.

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CORRECTION

In the May issue, the article Suggested Weed Control Practice for Nurseries, Bermuda grass control should read --- 1 lb. of Dalapon in 5 gallons of water instead of 50 gallons of water.

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NEW LAWN PUBLICATIONS

Lawn Diseases - How to Control Them is the title of a new publication put out by the United States Department of Agriculture by K. W. Kreitlow and F. V. Juska. Nurserymen will be especially interested in the colored pictures showing some of the turf diseases. Copies are available by writing to the Office of Information, United States Department of Agriculture, Washington 25, D. C. Ask for Home and Garden Bulletin No. 61.

Other publications of interest on lawns are as follows:

Better Lawns, Home and Garden Bulletin No. 51  
Lawns Insects - How to Control Them, Home and Garden Bulletin No. 53

These two publications are also available from the Office of Information, United States Department of Agriculture, Washington 25, D. C.

Copies of our V.P.I. publication on lawns is available from your county Extension agent or by writing directly to V.P.I. Ask for Lawns for Virginia, Extension Bulletin 243.

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