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This approach paid off while attempts to get large groups together was not successful.

Association, along with other local persons and business concerns paid the premium price for the boy's hogs. The P. S. A. Co-manager, along with the Vice-President of the Crown Savings Bank of Newport News, Virginia, took time out to follow through with our 4-H program, and visited the Tidewater Fair on the day of the show and sale. At that point those officials along with our state officials presented our boys the check amounting to \$1250.00 for the 14 hogs. The Shipyard officials are extremely interested in our total agricultural program because there are several thousand persons who work in the shipyard, but live in this district and on the farm. Those persons make a good living because they are able to live on the farm and at the same time work in the shipyard.

We also have other local persons who came out to witness the show. Each of them purchased one 4-H club hog and paid a premium price for it. At this point it might be well to mention that it is due to this type of cooperation that we are successful with our 4-H club projects. Each year we have a greater demand to spread our 4-H club activities in other communities. Since our 4-H club round-up this fall, we have had requests from 21 families about 4-H club activities for their children.

SUMMARY:

In an attempt to sum up our year's work in brief, I will aim at it in the light of measuring results; because in carrying on an extension program it is important to occasionally measure the results of teaching recommendations or practices. I feel that a combination of more planned project activity is needed. Method and result demonstration lessons taught at the demonstrations and a stronger public relation program will help us to measure arms with the very best operated extension services.

The cities and counties furnish bait material with which to stage the campaign, meaning as extension workers we stay clear of handling any particular brand, but follow through with advice from the State Extension Service. We assist the janitors of buildings with their rat problems just as we do with a farmer who has the problem of rats around his farm. Our experience with this control program for the past four years has led us to believe that we destroy over two-thirds of the rat population each year by having the cities and counties to do all of the property and encourage the general public to get information and fight the rats and mice for themselves.

#### 4-H CLUB ACTIVITIES:

We place about as much emphasis on our 4-H club program as we do on our adult phase of work. In fact, we have had adults to become interested in doing a better job as a result of seeing good work being done with the 4-H club members. We have over 300 4-H club members enrolled in club work. We have 515 different 4-H club projects, and 413 different projects completed. The projects were mostly that of livestock, crops, fruits, vegetables, home improvement, safety, insect and pest control.

We had 36 boys to carry swine projects this year. The boys had 62 hogs in this project. Twenty-eight boys completed their projects and sold 48 hogs at the end of the project year. Due to the fine cooperation on the part of our local people who paid premium prices for the boy's hogs, they received over \$3,000.00 for the hogs sold.

Featured on the opposite page are David Bilsard and James E. Edwards, local winners who also exhibited their hogs along with 6 other boys at the Tidewater Fair in Suffolk. The 8 boys who exhibited their hogs at the fair in Suffolk received \$1,250.00 for the 14 hogs. The Peninsula Shipbuilding



David Blasard



James Edwards

The picture on the page opposite is of Mr. and Mrs. Albert Russell of York County receiving information on sprays for scales on their shrubbery.

28 persons painted their homes

28 persons improved their water supply

52 persons added storage space

208 persons improved their lawns

48 persons planted their shrubbery and new grass

62 persons planted more flowers

31 persons made some major repairs

12 persons drained their home site

#### INSECT AND PEST CONTROL

Insect and pest control is a major project of activity for our group here on the Peninsula. We might state that the type of information which we receive weekly from our experiment station makes it possible for us to pin-point problems of insect and pests. The weekly newsletter always reaches us just in time to answer the questions which were asked the day before it arrived. We take this information and simplify it and pass it on to the farmers. We have received comments from officials from all over the Units of the Peninsula governing bodies expressing their appreciation to us for our efforts in helping to control insects and pests here in this section. Through the season as the pests appear, we demonstrate to the people the methods of controlling the pests and insects. We have over 65 local leaders who take part in the effort of keeping under control these pests, such as rats, mice, mold, plant insects, and internal parasites in swine.

Once per year we have our 4-H clubs stage a campaign against rats.

...the instructions through the Agricultural Extension Service on leading  
 and managing livestock. On the opposite page is a picture showing Mr.  
 Latta Palmer, who has been carrying the one-acre pasture demonstration  
 program by the Virginia-Carolina State Road Institute. This is the sec-  
 ond year Mr. Palmer has carried the one-acre demonstration at Goodland  
 Cross and Latta Grove. Mr. Palmer wishes that he could be started with



**Mr. and Mrs. Albert Russell receive information on spraying shrubbery**

...one definite improvement during this 12-month period. The farm improve-  
 ment projects which we have initiated the past year have included the  
 house, surrounding shrubbery, building, building, building, building, building,  
 and, besides our program, laying out water and drainage, excavating for  
 water, providing the shade trees and shrubbery, making soil samples, lining  
 land and fertilizing the soil, excavating the soil for insect and insect  
 diseases, spraying shrubs and trees, transplanting flowers, trees and  
 shrubbery. Identifying trees and plant insects, pests and diseases; pre-  
 venting the dead wood and controlling weeds on the farm, etc.

station instructions through the Agricultural Extension Service on feeding and managing livestock. On the opposite page is a picture showing Mr. Lewis Palmer, who has been carrying the one-acre pasture demonstration financed by the Virginia-Carolina Plant Food Institute. This is the second year Mr. Palmer has carried the one-acre demonstration of Orchard Grass and Ladina Clover. Mr. Palmer states that before he started with the demonstration, the pasture hardly afforded enough grazing for one hog, but this year he grazed four brood sows and their litters of 36 pigs for six months on this one acre, and his normal feed bill was cut down 50%. After the pigs were weaned and separated from the sows, they grazed for 90 days more on the acre. At which time they were ready for the market, they weighed an average of 200 pounds each and sold for 16½¢ per pound. Mr. Palmer states that this was the cheapest meat he has ever produced.

#### HOME IMPROVEMENT:

In order that the people with whom we work may enjoy to the fullest extent the many improved practices which we assist them with, a balance must be stressed. When we encourage improvements on the farm we must likewise recommend the same for the home. Over 350 homemakers have made some definite improvement during this 12-month period. The home improvement projects which we have assisted the homemakers with are painting the home, screening, adding storage space, repainting the roofs, building door-steps, adding rooms, planting grass and shrubbery, grading lawns, draining land, putting out hedges, laying out walks and driveways, treating for termites, pruning the shade trees and shrubbery, taking soil samples, liming land and fertilizing the soil, treating the soil for insect and insect diseases, spraying shrubs and trees, transplanting flowers, trees and shrubbery. Identifying tree and plant insects, pests and diseases; pruning away the dead wood and controlling molds on the lawn, etc.

The first picture on the opposite page shows Mr. Albert Russell, a  
 large farmer in York County, who discussed with the agent his two-acre cap-  
 page project. Mr. Russell has a 21-acre truck farm. His annual income  
 each year is about \$2,000. The farm is valued at \$12,000.00. He produces  
 two crops per year, mostly vegetables, and he feels that if he would limit  
 eight four-acre spots he would keep up his production to the extent that  
 the farm's value would be the same as the value of the land.



... appeared at left and two supporters who have been  
 second, and third prizes for the local 4-H Club. After the  
 to believe in the  
**The Farm Agent and Lewis Palmer & some of His  
 Pigs Who Grazed on His Pasture Demonstration**  
 The agent went with this group of farmers at the demonstration  
 for pigs, which is located at ... This group of people work in in-  
 dairy, and grow pigs to supplement their income.  
 In our livestock program we demonstrate how to carry out experiments

The first picture on the opposite page shows Mr. Albert Russell, a truck farmer in York County, who discussed with the agent his two-acre cabbage project. Mr. Russell has a 21-acre truck farm. His annual income each year is about \$6,000. The farm is valued at \$25,000.00. He produces two crops per year, mostly vegetables, and he feels that if he would irrigate four more acres he would step up his production to the extent that the first year's difference would pay for the expense of irrigating. Mr. Russell plans to add this project to his program next year.

LIVESTOCK:

The production of swine is the most outstanding of the livestock produced here in this area. We have 150 or more persons growing hogs for market and for their family meat supply.

In the Aberdeen section of Hampton alone, 40 persons have formed a livestock club. This group has produced over 1000 head of hogs this year, for the market and home use. They have sold \$6,000.00 worth of hogs this year.

Pictured at the bottom of the opposite page is a group of producers who came out to witness a local 4-H Club Show and Sale which was held in Hampton, Virginia. Appearing at left are two supporters who gave first, second, and third prizes for the local 4-H Club Hog Show. After the elimination of the winners, the winning hogs were taken to Suffolk to the Tidewater Fair. It was there that they received the checks from the local buyers. The agent meets with this group on Saturdays at the reservation for hogs, which is located at Hampton. This group of people work in industry, and grow hogs to supplement their incomes.

In our livestock program we demonstrate how to carry out experiment



Truck Farmer Albert Russell and the Farm Agent  
View Russell's Cabbage Project



A Group of Producers Who Witnessed 4-H Hog Show and Sale  
at Hampton, Virginia

demands. The program is carried out through method and result demonstrations, farm and home visits, publicity, farm meetings, individual contact, fairs, exhibits, shows, etc. There are some of the most effective means of putting over a job in extension work. We have never found a method of teaching any more effective than that of having a small group to meet and see a demonstration in operation. By doing so all of the five senses will be motivated.

We have stated that 288 days were spent on extension activities, over 20,000 miles traveled. Two hundred sixty-four farms and home visits were made, 306 contacts were made at the office and 474 phone calls were made. Over 3,000 different persons were contacted directly or indirectly. They were helped in some way with problems confronting them about the farm and home situation.

Sixty-five more local leaders assisted with the extension program the past 12 months. All of these were volunteer unpaid leaders who were interested in seeing the extension program serve to its fullest.

PROJECT ACTIVITY:

Our most outstanding project activities were carried out by demonstrators who were persons interested in taking the information to help themselves and at the same time help to teach others through the demonstration method. Truck crops are our major crop grown in this area. While we have less than 200 full-time farmers in this area, we have over 1000 part-time farmers who grow fruits, vegetables, hogs, cows and poultry; over 1200 families who grow home gardens to supply their families with vegetables. They all rely upon the extension agent for information of all types.

of life than many people living in the large cities. They have nice homes with running water, telephones, lights, television, radios, cars, and paved roads throughout the community to make traveling a pleasure.

The Agricultural Extension Service comes nearer to meeting the needs of the people in this area than any other agency. The people are always in need of information about their crops, livestock, soil, flowers, shrubbery, trees, home situation and many other like problems which only the extension service has been able to focus the proper light on.

THE AGRICULTURAL SITUATION:

In spite of the fact that our number of full time farmers are on the decrease, the task for the extension service becomes more important due to the complex economic situation which most people are faced with who live on the land, and expect to remain there. They find themselves confronted with problems of income insufficient to make a reasonable living.

It becomes the task of the agricultural agent to help these farmers become part-time farmers and to take the income from the farm and that from other sources, and work them into a single out-going situation, which, if planned properly, will raise the standard of living for all families who are confronted with the economic squeeze. As we traveled around in this area, we found a true example of what is in the making for small farmers in general. They must find some other form of employment to supplement their income.

PROGRAM PROJECTION:

At the beginning of the year we set forth our plans and focused them on the problems of the people in this area and set out to meet their

**INTRODUCTION:**

The Peninsula Area of Virginia is more fully described as that part of the state which is southeast of Colonial Williamsburg, Virginia, between the York and James Rivers with the Hampton Roads body of water serving as the third side of the triangular shaped section.

The area is approximately 40 miles in length and from 20 to 30 miles in width. It has a population of over 200,000 and is growing as the time passes. People from all over the south have settled here in this area. Many of them are seeking employment. This section has been blessed with the many industries located about in the area, and serving as a subsidizing factor to agriculture and the people who live on the land. Many farmers and part-time farmers would not be able to "Make ends meet," so they say, were it not for the fact that industry plays a very important part in supplementing the income of the farmers. With the high cost of living, the people who live in this section could neither make a living if they were not employed in the industries and did not have a chance to live and work as part-time farmers. As a result of the dual system of employment, the farmers here have been able to maintain a very high standard of living as to be compared with the farmer or other persons who have to depend upon just the farm or the job industry for a living.

I would like to point out a section in York County, the Carry Chapel district, a rural section of the county where there are 175 adults of voting age. The heads of 95% of those families are employed in some industry, while the wives and children carry on the small farm projects. This is one of the most progressive districts on the Peninsula area. This group of people maintain one of the highest standards of living of any group in this area. In spite of the fact that this section is strictly rural, these farmers and part-time farmers enjoy more of the comforts

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