

VIRGINIA

King George County County Agent Annual Report 1923

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COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF VIRGINIA

VIRGINIA AGRICULTURAL AND MECHANICAL
COLLEGE AND POLYTECHNIC INSTITUTE
AND UNITED STATES DEPARTMENT OF
AGRICULTURE, COOPERATING

EXTENSION SERVICE

1st

ANNUAL NARRATIVE REPORT OF COUNTY EXTENSION WORKER.

State of Virginia County of King George

Report of L. W. Walker Jr. County Agent.

From December 1, 1922 -- to -- November 30, 1923.

COUNTY AGENT WORK

SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS OF EXTENSION WORK

IN KING GEORGE COUNTY - 1923.

There were 136 club member demonstrations planned and 117 finished with 12 partly finished according to records and some who did good work and failed to report in time. Total enrollment for the year was 142 members.

The quality of work done by members was good and shows a greater total success than was ever planned or expected in the way of educational and demonstration results, especially in the way of winning prizes, with honors on all 4 branches of club work at all fairs where exhibits were shown.

There were 136 definite adult demonstrations planned on program of work and while the completed reported results showed 146 the majority of that number were of good quality and showed some valuable demonstration results with very satisfactory profits, which were better than I had expected.

All other adult work, such as organization work, county, district and state fairs, livestock demonstrations and other miscellaneous work that came up from time to time and carrying an importance to agriculture in this county, was carried out to a finish with distinguished results, which has increased interest in County Agent work, with more people than the work of any previous years.

While the program or plan of Extension work for the county was not ~~was not~~ quite carried out or completed according to completed number of method demonstrations reported but more than was planned by me was actually done.

The work is stronger in the county today than it has ever been, as results of the splendid accomplishments of County Extension work in this year of 1923.

CLUB WORK

Narrative report.

Proposed number of plan of work calls for (a) corn 55 members to carry out project as out lined in this state, 36 enrolled, 31 finished with complete records representing 75 acres with a total yield of 3900 bus, having a total value of \$5,277.00 with a total cost of \$1,336.39 and a profit of \$4,940.61, winning a total of \$185.00 in cash prizes at Fredericksburg, Virginia State, Petersburg and King George fairs, making an excellent showing of corn club exhibits at each of the 4 fairs.

In boys corn club demonstrations it was thoroughly demonstrated that the best results are obtained where good preparation, selected and purebred seed was used, this followed by good and frequent cultivations as were practiced in the method demonstrations. This fact was clearly demonstrated to the members, their fathers, other boys and farmers. This work has been the direct cause of more improvement in the corn crops of this county than any other one thing.

(b) Plan calls for 40 members to carry out sow and litter project, 34 were enrolled and 34 reported ~~whidmms~~ with some excellent results with a total value of \$2,269.89 and a cost of \$1,694.70 showing a profit \$574.90, winning a total of \$102.00 in cash prizes at Fredericksburg and King George fairs.

These demonstrators have filled an important place in Extension work in this county, encouraging the raising and breeding of good purebred pigs at a profit, and demonstrating to older farmers their value and profit. Also enabling other people of the county to get breeding stock at home at reasonable prices which advantage has been taken, and as a result many people are benefited.

(c) Plan of work calls for 25 members to carry out breeding club project as out lined. 33 were enrolled with 30 reporting on some very good results with a total value of \$916.00 A cost of \$678.95, giving a profit of 237.05 winning a total \$285.00 in cash prizes at Fredericksburg, Va. State, Petersburg and King George fairs.

While these demonstrations did not make the profit they would if the hog market had been better at time records were closed, but the majority of them showed some profit ranging from \$2.00 to \$25.00 apart from prize money won with only 3 members showing a loss. Those who won prize money won from \$8.00 to \$61.00

Some valuable facts were demonstrated with breeding pigs in the ~~the~~ way of showing what selected purebred pigs would do with good care, feed and treatment as was practiced with the successful method demonstrations. These demonstrations made it possible for new people to get into the business and start purebreds.

After several trips and considerable difficulty, I succeeded in getting 3 members in one family started in the club with a pig each, 1 boar and 2 sows costing \$10.00 each, registered. They grow out 3 excellent pigs winning first, Grand Champion and other high prizes at Fredericksburg, Va. State, Petersburg and King George fairs, winning a total of \$127.00 in each prizes and now have 3 excellent pigs and are delighted with their work and results. Have bought one purebred heifer calf (Holstein) with prize money. Their mother told me a short time ago that 2 of them would have certainly left the farm this year if it had not been for their club work and now with their calves and with their crop of pigs due in March she thinks they are fixtures on the farm for all time.

Plan of work calls for 6 members to carry out second year poultry work as out lined by poultry department, 50 members to carry our first year, all members using one breed from purebred flocks approved by County Agent.

4 members completed second year work with fair results having a total value of \$227.50, Total cost \$102.15 giving a total profit \$125.45. Many important modern poultry methods were demonstrated in these projects and that best results are obtained where good feeding, breeding and care is given and that there is more in poultry for about invested than any other livestock.

Since club members have started poultry work in this county it is looked upon as bigger work and more in it than in former years.

30 members carried out first year work reporting some good results and profits

Page 3. Club Work.

Total value \$492.25 Total cost \$76.95 giving a total profit of \$325.30
Other important facts were demonstrated in the way good breeding and feeding
as were practiced by most successful members and are being followed by their
parents and adult demonstrators. The most important thing brought out was
was the fact that selected purebred birds were gotten in many homes that would
not have gotten there in any other way than first year club poultry demonstrations
and apart from this the members have made a substantial profit.

As a result of the 3 years we have had poultry club work in this county much
more and better quality poultry is being raised. This was easily seen at King
George fair this fall, more and better poultry was on exhibition than many people
thought was in the county.

Poultry clubs like the breeding and sow and litter pig clubs have been confined
to one breed in the club, which enables us to offer better prizes than if the money
had to be divided between several breeds. So far Poultry club work is almost
entirely Barred Rock. Pig Club is almost entirely Duroc Jersey.

These two clubs are expected to make the county famous for the special breeds
of poultry and hogs.

Adult Corn Demonstrations.

Plan of work calls for 20 demonstrations. 20 were secured and enrolled with 10 reporting on 400 acres all of which were planted with improved purebred seed corn with well prepared seed beds, cultivated well from 4 to 6 times and at often ^{increased} ~~intervals~~ during the dry growing season this year, which resulted in good yields for this year, considering the quality of soil some of the demonstrations were on, and what the previous yields were.

The yields varied from 25 to 70 bus. per acre with an average yield of 42 b.s. which is an average of 10 bus. over ordinary methods.

There is a great need for corn demonstrations in this county, and I believe they have done more to increase the yield and improve the corn crop in general than any other crop demonstration, since good plowing seed and preparations together with proper cultural methods are being practised by a large percent of farmers who would have gotten it in no other way than from practical applications of their own and their neighbors farms. Gratifying results were shown in corn at the county fair this year where demonstrators and farmers brought in excellent exhibits of corn, which proved they had a good knowledge of growing and selecting seed corn.

Much interest was taken ⁱⁿ an ear shelling and weighing contest offered for the 10 ears of corn that shelled the most corn weighed and shelled at the fair in the presence of all, and it was pleasing to see that a well bred good type of corn carried the greatest amount of shelled corn.

My corn demonstrators exhibited some excellent seed corn at Fredericksburg and King George fairs. Our county fair has no equal in the way of demonstrating to corn growers the proper types of seed corn and the best for high production.

Corn demonstrations have been getting better with a steady growth each year and are certainly a success from every stand point in county Extension work.

Adult Wheat Demonstrations.

Plan of work calls for 14 demonstrations 18 enrolled with 12 reporting as method result demonstrations having a total of 390 acres making an average yield of 22 bus which was a good yield for this section and was mainly due to good preparations for seed beds, seeding before too late and seeding a good high yielding disease free seed which produced an average increased yield of 4 bus per acre over ordinary crops on non demonstrations.

There is much need for demonstrations in this crop in this county and the main facts brought out were the importance of good preparation, time of seeding and seeding preferably after a legume crop. another important fact brought out in wheat demonstrations was that 2 out of the 5 farmers who planted certified seed had an an increase yield of 2 bus. per acre more than from seed that was not certified on the same land.

The certified wheat also weighed more by 2 lbs. per bu. than uncertified after threshing.

Adult Rye Demonstrations.

Plan of work calls for 6 demonstrations 7 enrolled and 6 reported with a total acreage of 220 with yields varying from 10 to 18 bus. per acre. Average yield on demonstrations 16 bus. which was good considering some of the crops were following corn.

The main demonstration features brought out in this crop was the use of the Abruzzi variety which will yield from 3 to 5 bus. more per acre on our soils and that this variety will make a larger yield than wheat on thin soils. It can be ~~se~~ seeded later and will stand a more rough preparation in the way of seed bed.

This crop also sells better and for a better price than ~~the~~ wheat and is very much in demand for home use as a grazing and cover crop and by it being grown here more people are able to get it. It is also a necessity in this section. Rye is becoming more popular all the time since it can be used in so many ways grazing, green manure ect.

The growing of rye in this section has increased over 100 percent since demonstration ~~was~~ started by reason of its having so many distinct advantages with farmers of this county and is necessary with other demonstration projects.

Adult Alfalfa Demonstrations.

Plan of work calls for 15 demonstrations, 16 enrolled and 15 reporting from 85 acres giving an average yield $3\frac{1}{4}$ tons per acre which is $\frac{3}{4}$ ~~more~~ ton more than ordinary methods. The demonstration crops were cut 3, 4 and 5 times pending upon the quantity of moisture and condition of stand on the land.

Alfalfa demonstrators prepared their lands thoroughly before seeding, lime inoculated and fertilized well according to methods I advocated.

This crop requires good land and being expensive for the average farmer to get started in, only a limited number will grow it, but there is a distinct place for it on every farm that will grow it in this section, as it improves soil and furnishes more feed for the livestock than any other legume crop in this section.

Good stands were secured on majority of the demonstrations. Some important facts demonstrated with this crop are the importance of thoroughly packing the soil, with a well prepared seed bed, inoculation and time of seeding.

This crop has been grown here for a good many years but has been greatly increased in quality and quantity since demonstration work started.

Many farmers of the county who are not growing it are looking forward to the time when they have a small piece of good land well prepared and can grow alfalfa and have some good and sure hay ~~for~~ for their livestock that means most to them whether it be a horse or dairy cow.

Adult Sweet Clover Demonstrations.

Plan of work calls for 8 demonstrations, 6 were enrolled and 7 completed with good results. All the growers of this crop are demonstrators who are much pleased with it as a soil builder, hay and grazing crop. Its value is becoming better known all the time. Prior to demonstration work it was unknown in this section.

It has a distinct advantage over all other forage crops of our farms, since it will grow on poor land, if limed and properly prepared, and for this reason has a great advantage as a soil improving crop which is much needed in this section.

Sweet clover demonstrations have also convinced all demonstrators of its great value as a hay and grazing crop. This is a coming demonstration in this section and has made rapid ^{Progress} considering time it started and the cost of lime required to get it going.

There are about 150 acres in these demonstrations. About 75 of which was cut for hay only, and about 75 grazed and cut for hay. Estimated grazing by hogs value \$5.00 per acre.

Through the farm organizations in recent years we have secured good prices on lime which will promote the growing of this crop rapidly.

The greater part of the credit for these demonstrations is due My Dist. Agent Mr. J. H. Quisenberry who has so long studied, grown and preached its use in this section and has many times ^{assisted} me with the project in fields and meetings.

Last August an excellent field meeting was on the farm of one of my demonstrators where Mr. ^{Quisenberry} talked sweet clover growing to 25 interested farmers and demonstrators who went over a 49 acre field, saw the crop and the conditions under which it was growing. As a result many are going to grow the crop this coming year. Some present at the field demonstration had never seen the crop before. This was purely an educational meeting from which all there were greatly benefited.

Adult Mixed Grass Demonstration.

Plan of work calls for 5 demonstrations, 6 started and 5 finished showing some fair results in spite of the very dry season in this section.

There were 47 acres in these demonstrations making an average yield of 11/2 tons per acre which was 1/2 more than was produced from ordinary methods.

Some important facts brought out in these demonstrations were the advantages of seeding grass alone in the fall instead of as the old practise before demonstration work started of seeding all grass and especially clover with wheat in spring. Another strong factor brought out was the better quality of hay clean, and less foreign matter than ~~that~~ when seeded with wheat. Also when seeded alone the sod will stand for a longer period of time.

This season has been very bad for the growing of all hay and grass crops and the best yielding demonstrations were on the low lands.

These demonstrations are expected to be practised more in the future.

Summer Legume Demonstrations.

Plan of work calls for 10 demonstrations, 10 started with 6 completing showing very good results. Making an increase yield of 1/2 ton of cured hay over ordinary methods.

The chief facts brought out in these demonstrations was that a greater yield of hay was produced when crop was seeded around June 1 and that light applications of 16 % Acid Phosphate gives better results than perhaps any other crop seeded at that time.

These demonstrations work in well with livestock feeding work, more feed and forage for home use and in turn have a great bearing on other agricultural problems.

There are also what we might call cooperator in this crop, some growing for soil improvement and others for hay and forage.

Farm Crop Rotation Demonstrations.

Plan of work calls for 11 demonstrations, 14 started. Have reports from 9 to date. These consist of systematic crop rotations ~~expounded~~ worked out by County Agent for a period of time, ranging from 2 to 5 years. The chief crops in these demonstrations are corn, wheat, clover and pasture which saves labor and expense and controls insect and diseases in a large measure.

The rotation used for a short time and on small farms was corn, rye, peas and grass mixture.

All were worked out with legumes in the rotation, humus consuming crops following humus producing crops. The facts demonstrated were labor saving, soil building, and systematic plans for farm crops.

Adult Pasture Demonstrations.

Plan of work calls for 4 demonstrations . 4 were successfully carried out containing 140 acres. 2 of these were soded last fall and mnt out for hay in July allowing the sod to become well established before grazing with stock, These pastures have been giving excellent results, grazing with an estimated value of \$5.00 per acre more than ordinary pasture and demonstrates how pasture can be gotten by seeding and extra preparation in this section. Some here were gotten in this way pryor to demonstration work. 2 of the demonstrations consist of reseedng old pastures with Blue grass in early spring with good results.

Demonstrating how old pastures can be renovated at small costs that will double their grazing values.

Lime Demonstrations.

Plan of work calls for 10 demonstrations. To this time 5 have been carried to a successful finish with reports on 20 acres showing substantial profits from the use of lime on each crop, such as red clover, sweet clover, peas and beans.

The estimated increased value per acre from the use of lime was \$4.00 for the first year. 4 of these demonstrations were conducted with farmers who had never used lime before. Lime demonstrations have filled an important place in Extension work in this county in the way of demonstrating its use and value. As a result of these demonstrations many more farmers are using it, learning what it is and appreciating its value.

It was also clearly demonstrated that lime gave best results on stiff soils containing a reasonable amount of humus.

Much other advice and assistance was given by the Agent on the uses and values of lime on different crops and soils. Testing soils for lime content with assistance of Soil Specialist from the College.

Some more definite demonstrations are expected to be carried out another year.

Certified Seed Demonstrations.

Plan of work calls for 16 demonstrations. About 20 started the work and 12 finished with some excellent results on corn and wheat and some rather poor results on rye and beans.

There are 19 demonstrators growing certified corn of 5 varieties, Boone Co. Cocks' Prolific and Silver King. There 4 Boone County and 4 Cocks' Prolific demonstrations have passed both field and germination inspections with good margins and I am informed by the Virginia Seed Service, which organization is to sell these crops that we probably have more acres in certified seed corn than any county in the state. There are 140 acres in corn that has passed both field and germination inspections by Va. Crop Improvement Association. About 25% of each crop will ~~will~~ be sold for certified seed production to other farmers by the Virginia Seed Service at a price around \$4.00 per bu. which will mean a great financial benefit to these demonstrators as well as demonstrate to them and people of the county the advantages of purebred selected seed from high yielding strains of corn, and that it can be grown as well ~~well~~ by our farmers on our soils as any other county in Virginia.

I consider these the most definite, clear cut educational and profit showing demonstrations I have conducted with any crop this year. They are also more far reaching and of course require more time on the part of the County Agent and there is only a small percentage of farmers in any county whose farm conditions and trainings are such that they can carry on successful certified seed demonstrations. Such farmers have to be hand picked and when ever I think they can carry out a certified seed demonstration to advantage, I put them at it. Only 2 out of the 4 wheat demonstrations passed both inspections with ability to continue producing certified seed from same stock, but the 3 that failed to pass showed a decided increase yield over ordinary seed.

Their failing to pass was due to garlic and other foreign matter, which seed were in the soil at time of seeding.

Certified Seed Demonstrations continued.

2 rye demonstrations failed to pass both official inspections but showed an ~~40%~~ increase in yield of 5 bus per acre over ordinary seed and are entitled the right to seed for certified growing another year, provided clean enough to pass at time official inspection takes place.

This is the third year I have had certified seed demonstrations and they are by far better than in former years. The growth has been steady and increasing each year.

Much of the credit of this work is due the ^Virginia Crop Improvement Assoc. of the college who have out lined and give great assistance each year through circulars personal visits and field inspections.

With their assistance this county has more than done its part of the seed certification work in the state and is now one of the most important pieces of Extension work in this county and one that has shown good profits and gotten good results for time spent.

Figuring that $1/4$ corn produced on 140 acres will be sold as certified seed will mean more than 15 bus. per acre sold for seed or around \$60.00 per acre on 140 acres would be \$8, 400.00 income from $1/4$ of the total yield after using the remaining $3/4$ for feeding. From present prospects these will be most profitable demonstrations ever conducted in this county. $3/4$ yield on 60 bu. average is 45bus. which will more than pay cost of production which will mean more than \$60. 00 per acre net profit.

Adult Pea and Bean Demonstrations.

Plan of work calls for 6 pea and bean demonstrations. A large number started but only 7 finished with results which showed an increase of 4 bus. beans and 3 bus. of peas over ordinary methods on 150 acres of soy beans and 80 acres peas.

These increases resulted from demonstration methods were caused largely by better preparation of seed bed, better seed and time of seeding as were advocated in demonstration methods.

These were very important demonstrations, since the important facts for important crops in this section were brought out, such as certain varieties of both peas and beans on certain kinds of soils made better yields than others.

This fact was not known to many farmers here before these demonstrations were started.

Tile Drainage Demonstrations.

Plan of work calls for 4 demonstrations, 6 were started, surveys made and under way in this county. Owing to trouble getting tile only 2 have been completed with 60 acres showing a marked improvement and an estimated value of \$20.00 profit per acre resulting therefrom. As a result of these already completed 2 more demonstrations of 30 acres ^{will be started} in the near future.

Much of the credit of this work is due the Extension Engineering Department of the college which has given great help in the way of personal supervision, construction directions and estimating cost of work, tile ect.

I was assisted in this work by experts from the college who followed the work through to a finished job. None of this work had been done before I started the demonstrations 4 years ago.

All of the completed demonstrations are excellent results, allowing good crops to grow where before tiling was wet worthless land. Now many farmers are watching these demonstrations and their results and but for the low price of farm produce it would have rapidly increased instead of decreasing as they have. ~~on~~ The decrease in these demonstrations is entirely due to the lack of money on the part of the farmers to have this kind of work done.

The completed demonstrations are satisfactory and standing for ever as a monument to Extension work and their value to the county.

Purebred Sire Demonstrations.

Plan of work calls for 12 Purebred Sire demonstrations. 16 have been secured while going around with other work this year. To the present time I have enrolled all in the county who can qualify. I am constantly placing pure bred sires of all animals and as fast as the demonstrators can qualify, they are enrolled.

Some out standing sires are being placed as result of Pure Bred Sire Campaign in this county. None of the members who are now enrolled could have qualified at the time demonstration work started in this county.

These demonstrations are some of the most important leaders for a permanent plan of work for the county and is an additional, means of more and better livestock in the county, leaving results that will always be seen and appreciated.

This work as conducted ~~by~~ me also carries a number of cooperators and interested people who cannot for various reasons conduct a demonstration or carry out a regular method demonstration. These people are being greatly benefited and adding to the better livestock of the county.

Marketing Wool through Virginia Wool Growers Association.

n Plan of work calls for 6 members or demonstrators. 7 were put through on signed contracts covering a 2 year period. Number of sheep involved 255.

As yet I do not know of the wool being sold or the price that will be paid the growers, but prices above what local dealers ^{were paying} / as expected. It has been the past custom to sell to the local dealers at their prices and if these demonstration ~~fr~~ prices on wool do not show a profit over the local prices, it will mean good demonstrations, and good Extension work in the end and will demonstrate to farmers the value of cooperative selling under a long time contract, and will be of aid to all other farmers cooperative marketing associations which are being practised along all other agricultural lines today. Therefore I consider these very important demonstrations even if there are a small number of sheep in this county.

The profit under this plan of marketing cannot be given at this time.

Organization Work.

(Plan of work calls for giving assistance in every way possible to County Farmers Union in the way of increasing buying and selling in a cooperative way and membership in the organizations and more interest in County Agent work.

Giving information on the above when ever possible. The above has been very closely followed and fairly successfully carried out to a finish. There being fertilizer line and field seed purchased to the amount of \$7, 570.00 with a saving of \$1, 288.00. Sales of corn wheat and hay amounting to \$1, 145.00 with an increased price causing a saving of \$198.00.

Increased membership in organization 14, with the organization of 61 New Local and much business done for those out side with a view of getting them in the organization.

Many problems along this line have been taken up and worked out by me from time to time during the year which has resulted in their doing business and holding together.

(b) To aid King George Duroc Breeders Association through farmers and Club members sales, adult demonstrations etc. With a view of increasing and promoting the the counties safest and best livestock work. This work also has been carried to a successful finish in the way of raising more and better hogs through farmers and club members. I succeeded in selling 165 registered Duroc- Jersey pigs out side of the county for breeding purposes for farmers, demonstrators and club members bringing in a total of \$1, 027.00 from out of the county. Majority of sales made to other County Agents for club breeding pigs. As part from this the quantity and quality of breeding hogs raised and sold at home has been greatly increased meaning more people going in the business and handling hogs in an up-to-date manner. Profit realized from breeding pigs sold \$5,00.00 Coming in this county from out side.

Livestock Demonstrations.

Plan of work calls for placing purebred livestock in the hands of as many farms as possible using some breeds as far a practical to standardizing production.

(b) Advise in regard to feed and care of same, (c) To demonstrate value and economical production together with caring for livestock in an up-to-date manner.

In as general way more than this has been done as purebred animals of all king and especially sires have been placed in the hands of good people, some getting very good ones in the places of some not so good and others getting purebreds for the first time. 9 purebred Holstein heifers were directly placed by me in the hands of good people and 3 Shropshire ewe for the first time. 4 Poland China sows and 1 boar and over 50 registered Durocs with good people who are taking care of them. I am also keeping up with all this livestock, advising feeding and care for same which is being done in the majority of cases.

Many of the owners are proud of their animals. Value of good livestock and purebred sires is being demonstrated the year around. In 3 flocks of 70 sheep where purebred sires were used caused lambs to sell for \$1.50 per head more than ordinary lambs. 40 cows bred to purebred beef bull increased value on 55 calves \$2.00 per head, 50 cows bred to registered dairy sire increased the value of 10 heifer calves \$5.00 per head.

This work is also pushed under under Pure Bred Sire Campaign and this data used in a most helpful way

County District And State Fairs.

Plan of work calls for having a County fair in order that all club members and demonstrators may exhibit from a purely educational and demonstration stand point.

(b) Make exhibits of club work and adult demonstrations at one or more district fairs.

All of these plans were successfully carried out to a finish. One excellent County fair was held where the supervising Agent and others who saw it said it was the best they had ever seen. A large attendance from all parts of the county was present and a large percentage of the people were represented with exhibits from adults and club members having about 200 exhibits of corn 90 hogs and pigs 150 poultry. 5 adult single farm exhibits. 9 boys single farm exhibits. 4 womens home exhibits besides many other from the home, school and general farm crops. There was about \$500.00 prize money given by sources out side the county.

This fair was surely a success from every stand point, educational and demonstration. (b) Exhibits of demonstrators and especially club members at district fairs were a great success having large exhibits of corn, pig and poultry at Fredericksburg fair as well, as many other smaller articles of home and farm crop exhibits making almost half of the fair. 60 club pigs 25 poultry and 25 of corn, winning a total of \$270.00 in cash prizes with free passes for 65 club members who made exhibits.

King George club members also made a fine showing with exhibits at Virginia State and Peteraburg fair as is given else where in this report.

A very active and important part was taken at these fairs with this work.

Hogs and Hog Rotations.

Purebred hogs and hog rotations have been the major lines of livestock ^{work} put on in almost every community.

Plan of work calls for 10 demonstrations and 10 were carried out successfully with good results having a total of 1600 animals and showing a profit of \$1400.00 over ordinary methods of feeding on mostly corn in dry lots and what would be considered poor pasture.

Since there are many hogs raised for market in this county and demonstration methods of grazing and feeding being the practical and profitable method there is a great need for these demonstrations and from results shown they are filling an important place in Extension work in this county, since more and more farmers are beginning to adopt demonstration methods in raising hogs for market.

There are probably more cooperators in this than any other since every one raising hogs for market in the county consults the agent about breeding, feeding and grazing problems from time to time.

I have also given material assistance in the selling of purebred breeding stock and market hogs as this is the first key to production. Due to the natural climatic ^{and soil conditions} conditions, a reasonable trucking distance from market, and the soil improving advantage, I believe this is the counties coming livestock industry.

All hogs produced under methods which I have advocated that were sold in early spring and early in the fall made a good feeding profit. Those sold later in the fall barely paid cost of production or lost money in some cases.

One of my demonstrators who sold his 65 feeding hogs in early October showed a profit of \$5.50 per head after paying over head cost of breeding stock kept through the winter.

These results were produced under grazing and feeding according to demonstration methods.

Other Lines Of Work Done.

Plan of work calls first pushing and assisting in any other line of work that may present its self and seem of no necessary importance to the County Agent, advising cooperators and others along all lines pertaining to County Agent work and give them all possible assistance when too much time is not taken from regular plan of work.

Many important things have been done under this head and only some of the most important ones are given below. (1) sold 105 purebred breeding pigs out side of the county for club members and demonstrators for a price of \$1027.00. (2) Assisted in getting 46 farmers share holders in a Farmers Cooperative Exchange with small shares which entitles them to buy and sell getting a patronage dividend on purchases. (3) With club members livestock and crop exhibits at Fredericksburg, Va. State and Petersburg fairs, putting up placing and shipping out exhibits from each of these fairs and assisting the State Agents with those from other counties.

(4) Getting up fair catalogue and listing prize money from out side the county for club members at King George fair. \$250.00 in cash prizes were solicited from Fredericksburg, Colonial Beach and Richmond for this purpose.

(5) Went with buying committee to Wisconsin and bought car load of grade and purebred Holstein cows and heifers for a bank in this section in the interest of putting them out with farmers in this section. Cattle are now doing well and making a profit on saving in price of \$400.00 under what they would have cost in this state. 21 head were purchased in Wisconsin.

This was a new venture and has proven a sound and practical one.

Other Lines of Work Continued.

(6) Winning prize money for club members from out side of the county at District, State and County Fairs* Fredericksburg Fair Won \$256.50 Virginia State \$125.00 Petersburg \$111.50 King George County offered by out side sources from Colonial Beach and Fredericksburg Banks \$165.00 making a total of \$658.00 brought into the county by club members from out side.

Other good prize money was offered and won inside the county which was not included in the above.

This prize money has given the club members great encouragement as well as their parents and other people of the county.

107 ribbons including 9 Grand Champions taken by King George County club members are now on display in my office where all can see this part of the club members accomplishments for 1925.

This has been the best and most successful year at fairs in the history of Extension work in King George County. Having made excellent exhibits and taken good prize money at 4 fairs among which were the ^{best} state of Virginia has ever seen.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

U. S. Department of Agriculture
and State Agricultural Colleges
Cooperating

State Relations Service,
Office of Cooperative Extension Work,
Washington, D. C.

ANNUAL REPORT OF COUNTY EXTENSION WORKERS SPECIAL EDITION

This report form is to be used by county extension agents, such as county agricultural agent, home demonstration agent, club agent, negro agent, etc., reporting on their respective lines of work.

State Virginia County King George
 Report of R. M. Walker, Jr. County County Agent Agent.
(Name) (Title)
 From December 1, 1922 to November 30, 1923.

If agent has not been employed entire year, indicate exact period. Agents resigning during the year should make out this report before quitting the service.

COUNTY AGENT WORK



Approved: _____

Date _____

Date _____

FIRST CHECK	DATE	VERIFIED
S	9.10.23 R.M.W.	OK T.E.C.M.

State or District Supervisor, _____

Extension Director, _____

SUGGESTIONS RELATIVE TO THE PREPARATION OF THE COUNTY EXTENSION AGENT'S ANNUAL REPORT.

The annual report should be a review, analysis, interpretation, and presentation to the people of the county, the State, and the Nation of the sum total of the extension activities in each county for the year and the results secured (including assistance rendered by subject-matter specialists). The making of such a report is of great value to the county extension agent and the county people in showing the progress made during the year as a basis for future plans. It is of vital concern also to the State and Nation as a measure of rural progress and a basis for intelligent legislation and financial support. This blank form covers simply the statistical phases of the report, and should be supplemented by a full report in narrative form.

NARRATIVE SUMMARY.

The narrative report should be a statement in orderly fashion and arranged under appropriate subheadings, of the work done, methods used, and results secured under each project, as well as of the general work accomplished. Every statement should be clear-cut, concise, forceful, and, where possible, reinforced with ample data from the statistical summary. In the preparation of the part of the report relative to each project, the results reported in the statistical summary for the project should be analyzed, conclusions drawn, and recommendations made. The report may well be illustrated with photographs, maps, diagrams, blue prints, or copies of charts and other forms used in demonstration work. Full credit should be given to all cooperating agencies. The lines should be single-spaced, with double space between the paragraphs, and reasonably good margins left. The pages should be numbered in consecutive order.

The following outline is suggestive of how the narrative report may be clearly and systematically presented:

SUGGESTIVE OUTLINE OF ANNUAL NARRATIVE REPORT.

- I. Cover and title page.
- II. Table of contents.
- III. Status of county extension organization.
 - (1) Form of organization—distinctive features.
 - (2) Function of local people, committees, or project leaders in developing the program of work.
 - (3) General policies, including relationships to other organizations.
- IV. Program of work, goals established, methods employed and results achieved.
 - (1) Factors considered and methods used in determining program of work.
 - (2) Project activities and results.
 - (a) Soils.
 - (b) Farm crops
 - (c) Horticulture (including diseases and insects).
 - (d) Forestry
 - (e) Animal husbandry
 - (f) Dairy husbandry (including diseases and pests).
 - (g) Poultry husbandry
 - (h) Rural engineering.
 - (i) Rodents, predatory animals, and birds.
 - (j) Agricultural economics—including farm management marketing, etc.
 - (k) Foods and nutrition.
 - (l) Clothing and millinery.
 - (m) Home health and sanitation.
 - (n) Household management and home furnishings.
 - (o) Community activities—other than those included under subject-matter headings.
 - (p) Miscellaneous.
- V. Outlook and recommendations, including suggestive program of work for next year.
- VI. Summary of activities and accomplishments in paragraph form, preferably of one or two typewritten pages only, placed at the beginning or end of the narrative report.

STATISTICAL SUMMARY.

To supplement the narrative part of the report, and in order that comparable State and National summaries may be made, it is necessary to include a statistical summary of the work in each county. The following form has been prepared to insure uniformity of reporting. In addition to the questions asked under each subdivision of the report, space is provided to add further data if it is desired. The statistical summary will grow naturally out of the field and office records.

DEFINITIONS OF TERMS USED IN THIS REPORT.

1. A PROGRAM OF WORK is a definitely outlined plan for extension work.
2. A PROJECT is a definite, systematic, organized plan for carrying out some phase of the extension program of work, providing for what is to be done, how much, when, where, and by whom.
3. MISCELLANEOUS WORK includes work which has not yet become a regular part of the program of work—work other than project work.
4. A DEMONSTRATION is an example designed to show the practical application of an established fact. Demonstrations may be of methods or of results.
Under method demonstrations include lecture demonstrations, practicums, etc., such as demonstrations of canning methods, home-mixing fertilizers, poultry culling, dress-form making, and the like, all involving short periods of time.
Under result demonstrations include demonstrations in which a substantial period of time is involved, records of results kept, and comparisons made, as in a child-feeding demonstration, corn-culture demonstration, pasture-improvement demonstration, and the like.
5. A DEMONSTRATOR is an adult or junior who, under the direction of the extension service, undertakes to show in his community by example the practical application of an established fact, and who keeps records and reports on the same.
6. A COMMUNITY, for the purposes of this report, may be any one of the several units into which the county is divided for purposes of conducting organized extension work.
7. A PROJECT LEADER OR LOCAL LEADER is a person, selected because of his or her special interest and fitness, who functions in advancing some phase of the local program of extension work.
8. A COMMUNITY CLUB is an organization of men, women, boys, and girls to further community interests and to promote community recreation.
9. AN OFFICE CALL is a visit or a telephone call by a farmer, or other person, seeking agricultural or home economics information, as a result of which some definite assistance or information is given.
11. A DEMONSTRATION MEETING is a meeting held to give, inspect, or further a demonstration.
12. A TRAINING MEETING is a meeting at which project leaders or local leaders are trained to carry on extension activities in their respective communities.
13. A FARM VISIT is a call at a farm by the agent at which some definite information is given or concrete plan of work outlined, or some valuable information obtained from the farmer regarding his work, or the better practice prevailing in his neighborhood.
14. A HOME VISIT is a call at a home by the agent at which some definite information is given or concrete plan of work outlined, or some valuable information obtained from the farm woman regarding her work, or the better practice prevailing in her neighborhood.
15. DAYS IN OFFICE should include time spent by the extension agent in office in connection with extension work.
16. DAYS IN FIELD should include all days spent on official duty other than those spent in office.
17. LETTERS WRITTEN should include all single letters on official business.
18. A FARMERS' INSTITUTE is one of a series of meetings of one to two days' duration, arranged by a central State farmers' institute agency, at which agricultural and home economics problems are discussed, usually by outside speakers employed for the purpose.
19. AN EXTENSION OR MOVABLE SCHOOL is an itinerant school usually of two to six days' duration where practical but systematic instruction is given to persons not resident at the college. A SHORT COURSE differs from an extension school in that it is held at the college or other educational institution and usually for a longer period of time.
20. RECORDS consist of definite information filed in the county office that will enable the agent to verify the data on extension work included in this report.

GENERAL ACTIVITIES.

Report only results of extension activities that are supported by records.

1. List below the names, titles and periods of service of all county extension agents whose work is included in this report.

Wendell M. Walker Jr. (Name) County Agent (Title) has been one year on the spot 112

2. Total number of communities in county where extension work should be conducted (a) Men 12 (b) Women 1 2
3. Number of communities in which the extension program has been cooperatively worked out by extension agents and people concerned 8 3
4. Number of voluntary county, community, or local leaders actively engaged in forwarding the extension program (a) Adult work 18 Men 12 Women 6 (b) Junior work 20 Boys 16 Girls 4 4
5. What is the name of the county organization cooperating in extension work 5

6. Number of clubs carrying on extension work 30

Men	Boys	Women	Girls	Boys and Girls	Community
16	4	2	3	4	12

7. Membership 7
8. Total number of farm visits made in conducting extension work 1088 8
9. Number of different farms visited 680 9
10. Total number of home visits made in conducting extension work 845 10
11. Number of different homes visited 364 11
12. Number of office calls* relating to extension work 291 12
13. Number of days agent spent in office 48 48 1/2 13
14. Number of days spent in field 254 254 1/2 14
15. Number of individual letters written 797 15
16. Number of different circular letters prepared and sent out 10 16
17. Total number of copies of such circular letters 228 17
18. Number of extension articles written by agent and published in local papers 20 18
19. Number of community buildings established 1 19
20. Number of rest rooms provided for use of rural people Watah Road R.R. 6920 Route 7894 20
21. Number of fairs at which extension exhibits were made: Community 1 Dist 2 County 1 State 5 21

	Men	Boys	Women	Girls	Boys and Girls	Community
22. Training meetings* held for local leaders (a) Number <u>3</u> (b) Attendance <u>18</u>	3	6	1	4	2	10 towns
23. Demonstration meetings held (a) Number <u>8</u> (b) Attendance <u>160</u>	8	4	7	2	2	1 school 1 school
24. Farmers' institutes* held (a) Number _____ (b) Attendance _____						
25. Extension schools* and short courses held (a) Number _____ (b) Attendance _____						

*See definition on page 1.

16
97
23
365

- (a) Number _____ Boys _____
Girls _____
26. Junior club encampments and rallies held None (b) Attendance by club members Boys _____ 26
Girls _____
- (c) Total attendance _____
27. Other extension meetings attended by agent and not previously reported (a) Number _____ 16
(b) Attendance _____ 1686 27
28. Number of meetings at which were shown (a) Lantern slides _____ 28
(b) Motion pictures _____
- 29- 32a 119 32860 None
29. Number of demonstrating teams trained (a) Boys _____ 29
(b) Girls _____ 24
30. Number of members completing in club work ~~114~~

33a - 114
b - 34

	Men.	Boys.	Women.	Girls.
(a) One year		86		30
(b) Two years		28		4
(c) Three years				
(d) Four years				

31. Number entering college this year as result of club work (a) Boys _____ 31
(b) Girls _____
32. Number of junior judging teams trained None (a) Boys _____ 32
(b) Girls _____

[Use space below to include other important data.]

All suggestions were made for having a District Junior Encampment at Frederickburg last August. The sub look for a large attendance was excellent. Prizes for boys and girls. When an out-break of Influenza really took place in the district and the Short Course had 6-8 days continued. I had planned to take from 40 to 50 boys and girls from this County attend encampment for a duration of one week, when called off by State Board of Health.

Some of my club members have been in the work as long as six years completing it each year. The only club projects I have covering more than one year is painting and so far none have gotten beyond second year. A high percentage of all who started work at first of year finished with good results.

PROGRAM SUMMARY.

List below information on each project of the program of work for the year. (If an assistant agent has been employed during the year, include his or her time with that of the agent.)

Title of project.	Number of committees participating.	Voluntary leaders.		Days hospital help.	Days spent worked (office and field).	Number of methods demonstrated.	Number of results demonstrated.	Meetings of demonstrations.		Other meetings in relation to projects.		Meetings for training extension workers.
		Number assisting.	Days assistance rendered.					Number.	Attendance.	Number.	Attendance.	
<i>b Corn</i> (Illustrative entry.)	10	4	8	4	—	20	18	2	35	4	1037	8
<i>b Wheat</i>	7	1	3	0	—	14	12	10	14	1	18	0
<i>b Rye</i>	3	0	2	1	—	6	6	0	0	0	1623	0
<i>b Alfalfa</i>	8	2	4	0	—	15	15	1	18	0	0	0
<i>b Sweet Clover</i>	4	1	3	4	—	8	7	1	23	2	25	1
<i>b Mixed Grass</i>	6	0	0	0	—	5	5	0	0	0	0	0
<i>b Summer Legumes</i>	9	1	1	0	—	10	6	0	0	0	0	0
<i>b Farm Crop Rotation</i>	4	1	1	0	—	10	9	0	0	0	0	0
<i>b Pasture</i>	2	0	0	0	—	4	4	0	0	0	0	0
<i>a Lime</i>	5	0	0	1	—	8	5	0	0	0	0	0
<i>b Certified Seed Production</i>	6	2	4	4	—	16	12	2	10	2	26	1
<i>b Peas and Beans</i>	4	0	0	1	—	6	6	0	0	2	18	0
<i>b Tile drainage of wet lands</i>	2	1	1	4	—	4	16	1	8	1	7	1
<i>e Purebred Sires</i>	8	1	1	1	—	16	16	0	0	0	0	0
<i>e Hog Rations</i>	7	0	0	0	—	10	10	2	40	0	0	0
<i>i Marketing Wool</i>	4	1	1	1	—	8	7	2	14	1	8	0
<i>Days' leave, 17</i>												
TOTAL	91	15	27	20	302	100	139	11	128	12	1638	5

* See definition on page 3.

† Miscellaneous includes emergency and other work which can not be anticipated in advance.

6-405

FARM DEMONSTRATION WORK. SOILS.

Report only results of extension activities that are supported by records.

36. Number of field demonstrations started or under way	18	36
37. Number of such demonstrations completed or carried through the year	14	37
38. Number of acres involved in these completed demonstrations	300	38
39. Total* number of farms influenced by extension work to change practices relative to soil management (include demonstrations)	175	39
40. Acres involved in preceding question	410	40
41. Number of farms following advice in the use of commercial fertilizer	—	41
42. Acres involved in preceding question	—	42
43. Number of farms home-mixing fertilizers according to advice	27	43
44. Tons of fertilizer so mixed	—	44
45. Number of farms taking better care of farm manures	75	45
46. Number of farms using lime or limestone according to advice	40	46
47. Tons of lime or limestone so used	700	47
48. Number of farms plowing under cover or other green manure crops for soil improvement according to advice	48	48
49. Acres of cover and green manure crops so plowed under	270	49

[Use space below to include other important data relating to soils.]

As a result of Soil Demonstrations, better rotations are being practiced, working in legume crops, winter cover crops and applying lime. Applying manure on clover and grass crops in the rotation, improving the mechanical condition of the soil as well as fertility, plowing manure where it retains its strength or taking direct from animal to field. A great many farmers have learned to take other important plant foods and the right care to use on the different crops depend upon the chemical composition and note as trade names as was able to get the the cane in the past, before demonstration work started in the county. High cost owing to brass potatoes prevents more lime to be used quite as much from the same reason and demonstrations are learning that lime is not what it is not and why it will not take the place of potash. More live stock is being kept on old farms for a number of soil demonstrations so farmers are practicing hogging down corn this year for the fish tank cover and green manure crop and being greatly interested both.

*The number of farms to which the demonstration work was carried out necessarily equal the total of those questions above for all practices that might be included in a question at all and also the same farm might adopt two or more new practices. This is also true of similar questions throughout this report.

8
CEREALS.

Report only results of extension activities that are supported by records.

Item.	(1) Corn.	(2) Wheat.	(3) Oats.	(4) Rye.	(5) Barley.	(7) Other.*	
52. Number of adult result demonstrations started or under way	20	14	0	6	0	0	52
53. Number of such adult demonstrations completed or carried through the year	18	12	0	6	0	0	53
54. Acres involved in those completed demonstrations	480	390	0	220	0	0	54
55. Increased yield per acre on demonstrations due to better practices	10 bu	4 bu	0	5 bu	0	0	55
56. Number of boys' and girls' clubs	(36)	0	0	0	0	0	56
57. Number of members enrolled	(a) Boys	36	0	0	0	0	57
	(b) Girls	0	0	0	0	0	
58. Number of members completing	(a) Boys	31	0	0	0	0	58
	(b) Girls	75	0	0	0	0	
59. Number of acres grown by club members completing	75 bu	0	0	0	0	0	59
60. Total yield of cereals grown by club members	390 bu						60
61. Total value of cereals grown by club members	\$2757.00	—	—	—	—	—	61
62. Total cost of cereals grown by club members	\$1,336.25	—	—	—	—	—	62
63. Total number of farms influenced by adult or junior extension work to adopt better practices relative to the growing of cereals (include demonstration)	120	12	5	9			63
64. Acres of cereals involved in question 63	2400	390	—	220	—	—	64
65. Number of farms planting selected or improved seed	120	12	5	9	0	0	65
66. Number of farms growing selected or improved seed for sale	20	12	2	7	0	0	66
67. Number of farms testing seed for germination	7	4	0	4	0	0	67
68. Number of farms trusting seed grain for sowing	4	6	0	0	0	0	68
[Use space below to include other important data relating to cereals.]							
Number of farmers growing best first bud for sale	10	4	—	2	—	—	
Number of acres in Certified Seed	140	12	—	25	—	—	
Increased yield over ordinary methods	4	4	—	3	—	—	

* See footnote on page 7.

9
LEGUMES AND FORAGE CROPS.

Report only results of extension activities that are supported by records.

Item.	(4)	(5)	(6)	(7)	(8)	(9)
	Alfalfa.	Hay beans.	Sweet clover.	Clover clover.	Clover (red, white, yellow).	Cowpeas.
69. Number of adult result demonstrations started or under way.	15	4	8	2	4	3
70. Number of such adult demonstrations completed or carried through the year.	15	4	7	1	3	2
71. Acres involved in these completed demonstrations.	270	180	132	45	65	80
72. Increased yield* per acre on demonstrations due to better practices.	10 tons	5 tons	1 ton	1/2 ton	1/2 ton	4 tons
73. Number of boys' and girls' clubs.						
74. Number of members enrolled.	(a) Boys.					
	(b) Girls.					
75. Number of members completing.	(a) Boys.					
	(b) Girls.					
76. Number of acres grown by club members completing.						
77. Total yield* of crops grown by club members.						
78. Total value of crops grown by club members.						
79. Total cost of crops grown by club members.						
80. Total number of farms influenced by adult or junior extension work to adopt better practices relative to these crops (include demonstrators).	50 25	20 7	25 12	11 6	25 8	20 4
81. Acres involved in question 80.	270	180	120	48	85	90
82. Number of farms planting selected or improved seed.	25	10	14	11	25	7
83. Number of farms growing selected or improved seed for sale.	0	11	0	2	0	20
84. Number of farms inoculating for these crops.	50	20	25	5	0	0
[Use space below to include other important data relating to legumes and forage crops.]						
<i>Farm catchings with grain</i>						
<i>following legumes</i>						
<i>Acres involved</i>						
<i>to increase yield per acre</i>						
<i>not matured land to</i>						
<i>next crop.</i>						
	3		3	+	+	2
	65		28	40	90	28

* Indicate whether yield in bushels of seed or tons of cured forage.

(See footnote on page 7.)

6-4075

LEGUMES AND FORAGE CROPS—Continued.

Report only results of extension activities that are supported by records.

Item	(1) Beans	(2) Peas	(3) Lupines	(4) Favares	(5) Other	(6) Total
69. Number of adult result demonstrations started or under way	10	1				11
70. Number of such adult demonstrations completed or carried through the year	11					11
71. Acres involved in these completed demonstrations	360			140		360
72. Increased yield † per acre on demonstrations due to better practices	4 1/2 bushels			4 1/2 bushels		9 bushels
73. Number of boys' and girls' clubs	3					3
74. Number of members enrolled	(a) Boys 20 (b) Girls 7					27
75. Number of members completing	(a) Boys 20 (b) Girls 7					27
76. Number of acres grown by club members completing	47					47
77. Total yield † of crops grown by club members						
78. Total value of crops grown by club members	\$376 ⁰⁰					\$376
79. Total cost of crops grown by club members	\$187 ⁰⁰					\$187
80. Total † number of farms influenced by adult or junior extension work to adopt better practices relative to these crops (include demonstrations)	27			14		27
81. Acres involved in question 80.	140			150		140
82. Number of farms planting selected or improved seed	7			8		7
83. Number of farms growing selected or improved seed for sale						
84. Number of farmers inoculating for these crops						
[Use space below to include other important data relating to legumes and forage crops.]	Mixed Legumes	Green Legumes				
Members of demonstrators	6	10				
Members completing demo	5	6				
Acres involved	45	30				
Increase yield over ordinary method	1/2 ton	1/2 ton				

* Indicate crop by name.

† Indicate whether yield is bushels of seed or tons of cured forage.

‡ See footnote on page 7.

4-6270

POTATOES, COTTON, TOBACCO, AND OTHER SPECIAL CROPS.

Report only results of extension activities that are supported by records.

Item.	(1)	(2)	(3)	(4)	(5)
	Irish potatoes.	Sweet potatoes.	Cotton.	Tobacco.	Other.*
85. Number of adult result demonstrations started or under way.		4			
86. Number of such adult demonstrations completed or carried through the year.					
87. Acres involved in these completed demonstrations.					
88. Increased yield† per acre on demonstrations due to better practices.	bu.	bu.	lbs.	lbs.	
89. Number of boys and girls' clubs.					
90. Number of members enrolled.	(a) Boys.				
	(b) Girls.				
91. Number of members completing work.	(a) Boys.				
	(b) Girls.				
92. Number of acres grown by club members completing.					
93. Total yield of crops grown by club members.	bu.	bu.	lbs.	lbs.	
94. Total value of crops grown by club members.	\$	\$	\$	\$	\$
95. Total cost of crops grown by club members.	\$	\$	\$	\$	\$
96. Total number of farms influenced by adult or junior extension work to adopt better practices relative to the growing of these crops (include demonstrators).					
97. Acres of these crops involved in question 96.					
98. Number of farms planting improved or certified seed.					
99. Number of farms growing improved or certified seed for sale.					
100. Number of farms treating seed for disease.					
101. Number of farms spraying or dusting for disease and insects.					
102. Number of storage houses constructed this year.					
103. Total capacity of these storage houses.					
104. Number of crop improvement associations organized during past year at suggestion of extension service.					
105. Membership in above associations.					
[Use space below to include other important data relating to potatoes, cotton, tobacco, and other special crops.]					

*Indicate crop by name.

†Report yield of cotton in pounds of seed cotton.

See footnote on page 7. 9-4970

HORTICULTURE.

Report only results of extension activities that are supported by records.

Item.	(a)	(b)	(c)	(d)	(e)	(f)
	Tree fruits.	Bush and small fruits.	Grapes.	Market gardening, truck, and raising crops.	Vegetable gardens.	Flowers, shrubs, and lawn grounds.
106. Number of adult result demonstrations started or under way.						106
107. Number of such adult demonstrations completed or carried through the year.						107
108. Acres involved in these completed demonstrations.						108
109. Increased yield per acre on demonstrations due to better practices.	bu.	qts.	lbs.	bu.	bu.	109
110. Number of boys' and girls' clubs.						110
111. Number members enrolled						111
(a) Boys						
(b) Girls						112
112. Number of members completing						
(a) Boys						113
(b) Girls						
113. Number of acres grown by club members completing.						113
114. Total yield of crops grown by club members.	bu.	qts.	lbs.	bu.	bu.	114
115. Total value of crops grown by club members.	\$	\$	\$	\$	\$	115
116. Total cost of crops grown by club members.	\$	\$	\$	\$	\$	116
117. Total* number of farms or homes influenced by adult or junior extension work to change practices relative to these crops (include demonstrators).						117
118. Acres involved in question 117.						118
119. Number of farms planting selected or improved stock or seed.						119
120. Number of farms pruning.						120
121. Number of farms thinning.						121
122. Number of farms spraying or otherwise treating for disease and insect pests.						122
123. Number of farms following other improved cultural practices.						123
[Use space below to include other important data relating to horticulture.]						

LIVE STOCK.

Report only results of extension activities that are supported by records.

Item.	(1) Hemp and wools.	(2) Dairy cattle.	(3) Beef cattle.	(4) Sheep.	(5) Swine.	(6) Poultry.	
138. Number of adult result demonstrations started or under way.		10	—	3	12	4	138
139. Number of such adult demonstrations completed or carried through the year.		9	—	2	10	4	139
140. Number of animals involved in these completed demonstrations.		7	—	60	200	300	140
141. Total profit or saving on demonstrations resulting from better practices.		74 ^{xx}	—	90 ^{xx}	350 ^{xx}	90 ^{xx}	141
142. Number of boys' and girls' clubs.					5	4	142
143. Number of members enrolled	(a) Boys.				50	13	143
	(b) Girls.				13	40	
144. Number of members completing	(a) Boys.				50	5	144
	(b) Girls.				9	29	
145. Number of animals involved in club work completed.					298	398	145
146. Total value of animals raised by club members.	\$	\$	\$	\$	3,185 ^{xx}	629 ^{xx}	146
147. Total value of products produced by club members.	\$	\$	\$	\$	—	58 ^{xx}	147
148. Total cost of such animals and products.	\$	\$	\$	\$	2,375 ^{xx}	281 ^{xx}	148
149. Total* number of farms influenced by adult or junior extension work to adopt better practices, relative to live-stock production (include demonstrators).		25	20	7	45	25	149
150. Number of animals involved in question 149.		60	20	235	1200	1400	150
151. Number of farms assisted in securing pure-bred sires.		7	4	4	25	14	151
152. Number of pure-bred sires secured.		10	9	4	35	18	152
153. Number of farms assisted in securing pure-bred females.		4	2	2	20	7	153
154. Number of pure-bred females secured.		4	2	3	34	200	154
155. Number of farms securing pure-bred animals for the first time.		4	1	2	12	5	155
156. Number of farms culling flocks or herds.		2	1	3	7	25	156
157. Number of stallion, bull, ram, or boar circles, clubs, or associations organized during the year.		1	0	2	0	0	157
158. Number of members in preceding circles, clubs, etc.		0	0	1	0	0	158

* See footnote on page 7.

LIVE STOCK—Continued.

Report only results of extension activities that are supported by records.

Item	(a) Horses and mules	(b) Dairy cattle	(c) Dip. cattle	(d) Sheep	(e) Swine	(f) Poultry	
159. Number of breed associations or clubs organized during the year							159
160. Number of members in these associations or clubs							160
161. Number of cow-testing associations organized or reorganized during the year							161
162. Number of members in these associations							162
163. Number of farms not in associations testing cows for production							163
164. Number of cows under test by such associations and individual farms							164
165. Number of homes assisted in the making of butter and cheese							165
166. Number of farmers feeding better balanced rations							166
167. Number of farmers controlling insect pests							167
168. Number of farmers testing animals for tuberculosis							168
169. Number of animals tested							169
170. Number of herds accredited this year for the first time							170
171. Number of farmers vaccinating animals for blackleg			22 ¹				171
172. Number of animals vaccinated			2030				172
173. Number of farmers vaccinating animals for cholera					9		173
174. Number of animals vaccinated					65		174
175. Number of farmers controlling other live-stock diseases				2	4	10	175
176. Number of animals involved in question 175				75	30	270	176
[Use space below to include other important data relating to live stock.]							
Feeding & grazing relations					10 4		
Number animals involved					1800 205		
Total profit or saving					\$1400.00 \$90.00		

RURAL ENGINEERING.

Report only results of extension activities that are supported by records.

177. Number of result demonstrations started or under way	10	177
178. Number of such demonstrations completed or carried through the year	5	178
179. Acres or other units involved in those completed demonstrations	30	179
180. Total profit or saving on demonstrations resulting from better practices	240	180
181. Number of farms installing drainage systems	6	181
182. Acres drained	60	182
183. Number of farms installing irrigation systems	0	183
184. Acres irrigated	0	184
185. Number of farms constructing terraces or soil dams	0	185
186. Acres on which soil erosion was so prevented	4	186
187. Number of dwellings constructed according to plans furnished	5	187
188. Number of dwellings remodeled according to plans furnished	1	188
189. Number of sewage disposal systems installed	0	189
190. Number of water systems installed	1	190
191. Number of heating systems installed	0	191
192. Number of lighting systems installed	0	192
193. Number of farms on which buildings other than dwellings were constructed or remodeled according to plans furnished	6	193
	(a) Barns	1
	(b) Hog houses	2
194. Number of buildings involved in preceding question	(c) Poultry houses	2
	(d) Silos	1
	(e) Other	0
195. Number of farms assisted in the care and operation of machinery (tractors, power sprayers, milking machines, etc.)	2	195
196. Number of farms clearing land	0	196
197. Acres of land so cleared	0	197

[Use space below to include other important data relating to rural engineering.]

This has been a bad year with farmers in the way of making most engineering improvements, due to the low prices. All farm produce is selling for, however, in spite of this fact & one has made, especially, with farm buildings and land drainage, 6 land drainage demonstrations are under way in the county with a total of 60 acres in process, and 2 more are about to be started with 50 acres now waiting on the market improvement is shown in poultry houses & plans furnished from Extension Service. Many others are being copied and installed, followed from being the demonstrators buildings -

RODENTS AND MISCELLANEOUS* INSECT AND ANIMAL PESTS.

Report only results of extension activities that are supported by funds.

Item	Rate	Other animal pests †	Grass-hoppers.	Other insects †
196. Number of result demonstrations started or under way	21			196
199. Number of such demonstrations completed or carried through the year	11			199
200. Number of acres in those completed demonstrations	—			200
201. Total saving or profit on demonstrations resulting from better practices	2,102.00			201
202. Total number of farms adopting control measures	48			202
203. Number of acres involved	—			203
204. Number of pounds of poison bait used	480			204

[Use space below to include other important data relating to rodents and miscellaneous insect and animal pests.]

King George County, Put Belting Campaigns 502 rats killed
 Estimated number killed with rat poison 5200
 Cost of bait used 28.12 This amount with 11.00 given in paper
 was obtained by Banks and Peep farm organization, \$2000 bait
 used in Campaign for AGRICULTURAL ECONOMICS

Report only results of extension activities that are supported by funds.

FARM MANAGEMENT.

205. Number of farm account books distributed	2	205
206. Number of farmers keeping records in such account books throughout the year	1	206
207. Number of farmers assisted in summarizing and interpreting their accounts	1	207
208. Number of farmers making changes in their business as result of keeping accounts	1	208
209. Number of other farmers adopting cropping, live-stock, or complete farming systems according to recommendations	4	209
210. Number of boys' and girls' farm account clubs	0	210
211. Number of members enrolled	(a) Boys 0 (b) Girls 0	211
212. Number of members completing	(a) Boys 0 (b) Girls 0	212
213. Number of farmers advised relative to loans	2	213
214. Number of farm management and farm account schools held	0	214
215. Number of farmers assisted in keeping cost of production records	40	215

LABOR.

216. Number of farmers making better use of labor	3	216
217. Number of farmers securing tractors, sprayers, milking machines, or other machinery to economize labor	7	217

* Do not include work reported under "Crop" and "Live Stock" headings.

† Indicate by name.

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AGRICULTURAL ECONOMICS—Continued.

Report only results of extension activities that are supported by records.

CREDIT.

218. Number of farm loan or other credit associations organized with assistance of extension service..... 0 218
 219. Membership in above associations..... 0 219
 220. Number of other farmers assisted in securing credit..... 10 220

MARKETING.

221. List below the cooperative marketing associations organized during the year upon suggestion or with counsel of the extension service.

Name of association.	Number of members.	Supplies and products handled.	Supplies purchased.		Products sold.	
			Value.	Saving.	Value.	Profit.
Virginia Cooperative Wool Growers Assn	7		\$	\$	\$	\$
					38.5	
TOTAL						

222. Number of other cooperative marketing associations in the county with which the extension service consulted or advised..... 3 222
 223. Number of members in such associations..... 60 223
 224. Total purchases of supplies by associations included in question 223 (a) Value Fertilizer + Seed \$798.9 224
 (b) Saving..... \$528.0
 225. Total sales of products by associations included in question 223 (a) Value Wool + Hay \$1465.0 225
 (b) Profit..... \$108.0
 226. Number of farmers and housewives assisted by extension service in buying and selling through other channels than cooperative associations..... 25 226
 227. Total purchases of supplies by farmers and housewives included in question 226 (a) Value..... \$766.9 227
 (b) Saving..... \$166.9
 228. Total sales of products by farmers and housewives included in question 226 (a) Value..... \$800.0 228
 (b) Profit..... \$100.0
 229. Number of farms grading or standardizing products..... 12 229

[Use space below to include other important information relating to agricultural economics.]

7 members signed contract to market the wool from 233 sheep
 thru the Virginia Cooperative Wool Growers Assn. I do not know
 of the wool being sold up to this time. The price is still for
 expected to show a good profit over selling local dealers or
 from the practice in the past. All members are signed on a 2 year
 contract. Cooperative purchase of fertilizer and seed costed
 \$7,570.00 saving on labor purchase of \$2,000.00. Cooperator
 sales on corn, wheat and hay, 1,140.00. Saving on seed sales 700.00

HOME DEMONSTRATION WORK. FOODS AND NUTRITION.

None

Report only results of extension activities that are supported by records.

230.1. Number of members enrolled in food and nutrition work: (a) Women _____ (b) Girls _____ **230.1**

FOOD SELECTION.

Item.	Women.		Girls.	
230. Number of result demonstrations started or under way.				230
231. Number of such demonstrations completed or carried through the year.				231
231.1. Number of method demonstrations.				231.1
232. Total* number of homes influenced by extension service to serve better selected food (include demonstrators).				232
233. Number of homes using more fruits in the diet.				233
234. Number of homes using more green vegetables in the diet.				234
235. Number of homes using more milk and other dairy products in the diet.				235
237. Number of homes using more poultry products in the diet.				237
238. Number of homes using more unrefined cereal products in the diet.				238

[Use space below to include other important data relating to food selection.]

FOOD PREPARATION.

Item.	(a)		(b)		(c)		(d)		
	Breakfasting.		Meal preparation.		School lunches.		Other.		
	Women.	Girls.	Women.	Girls.	Women.	Girls.	Women.	Girls.	
239 (242). Number of result demonstrations started or under way.									239 (242)
240 (243). Number of such demonstrations completed or carried through the year.									240 (243)
245. Number * of homes influenced by home demonstration work to adopt better practices relative to food preparation (include demonstrators).									245
245.1. Number of schools influenced by home demonstration work to adopt better practices relative to food preparation (include demonstrators).									245.1

[Use space below to include other important data relating to food preparation.]

FOODS AND NUTRITION—Continued.

Report only results of extension activities that are supported by records.

CHILD FEEDING AND CARE.

Item.	Women.		Girls.
247. Number of result demonstrations started or under way.....			247
248. Number of such demonstrations completed or carried through the year.....			248
250. Number * of homes influenced by home demonstration work to change practices in child feeding and care (include demonstrators).....			250
251. Number of children involved in question 250.....			251

[Use space below to include other important data relating to child feeding and care.]

FOOD PRESERVATION.

Item.	(a) Fruits.		(b) Vegetables.		(c) Meats and fish.		(d) Other †		
	Women.	Girls.	Women.	Girls.	Women.	Girls.	Women.	Girls.	
254 (258b). Number of result demonstrations started or under way.....									254 (258b)
255 (259b). Number of such demonstrations completed or carried through the year.....									255 (259b)
256 (260). Total amount preserved									256 (260)
	(a) Quarts canned								
	(b) Pounds dried								
	(c) Amount brined and cured	qts.	qts.	qts.	qts.	lbs.	lbs.		
	(d) Other								

Item.	Women.	Girls.	
300.1. Number of quarts of jelly.....			300.1
300.2. Number of quarts of preserves.....			300.2
300.3. Number of quarts of pickles.....			300.3
300.4. Number of quarts of fruit juices.....			300.4
300.5. Number of quarts of vinegars.....			300.5
261. Total value of products prepared by club members.....	\$	\$	261
262. Total cost of products prepared by club members.....	\$	\$	262
263. Total * number of homes influenced by home demonstration work to adopt better practices relative to food preservation (include demonstrators).....			263

[Use space below to include other important data relating to food preservation.]

CLOTHING.

Report of results of extension activities that are supported by records.

Home

267.1. Number of members enrolled 267.1
 (Women _____)
 (Girls _____)

Item.	CLOTHING.						Millinery.		Other †		
	Education.		Construction and remodeling.		Renovation.		Women.	Girls.	Women.	Girls.	
	Women.	Girls.	Women.	Girls.	Women.	Girls.					
267 (271b). Number of result demonstrations started or under way.											267 (271b)
268 (272b). Number of such demonstrations completed or carried through the year.											268 (272b)
273. Number of garments and hats made by club members completing.											273
274. Number of other articles made by club members completing.											274
275. Total value of garments, hats, and other articles made by club members.	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	275
276. Total cost of garments, hats, and other articles made by club members.	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	276
277. Number * of homes influenced by home demonstration work to improve practices relative to clothing (include demonstrators).											277
280. Number of dress forms made according to instructions.											280

[Use space below to include other important data relating to clothing work.]

* See footnote on page 7.

† Indicate by value.

Note

HOUSEHOLD MANAGEMENT AND HOME FURNISHINGS:

Report only results of extension activities that are supported by records.

298.1. Number of club members enrolled in household management and home furnishings { (a) Women _____ } 298.1
 { (b) Girls _____ }

Item.	(a) Budget and accounts.		(b) / Equipment.		(c) Kitchen arrange- ment.		(d) Work planning.		(e) Furnishing and decorating.		
	Women.	Girls.	Women.	Girls.	Women.	Girls.	Women.	Girls.	Women.	Girls.	
	289 (2928). Number of result demonstrations started or under way.										
290 (2936). Number of such demonstrations completed or carried through the year.											290 (2936)
294. Number of household furnishings made or refinished by club members completing.											294
297. Total* number of homes influenced by home demonstration work to change practices relative to home management and furnishings (include demonstrators)											297

301. Number of homes installing new equipment other than heat, light, water, and sewage systems (see Rural Engineering, page 24) _____ 301

302. New equipment involved in question 301:

- | | |
|----------------------------------|-------------------------------------|
| (a) Hand washing machines _____ | (g) Kitchen cabinets _____ |
| (b) Power washing machines _____ | (h) Wheel trays _____ |
| (c) Fireless cookers _____ | (i) Iceless refrigerators _____ |
| (d) Pressure cookers _____ | (j) Electric or gasoline iron _____ |
| (e) Hand sweepers _____ | (k) _____ |
| (f) Power vacuum cleaners _____ | (l) _____ |

[Use space below to include other important data relating to household management and home furnishings.]

* See footnote on page 7.

HOME HEALTH AND SANITATION.

Home

Report only results of extension activities that are supported by records.

281.1. Number of people enrolled	[(a) Women _____ (b) Girls _____]	281.1
281. Number of result demonstrations started or under way	_____	281
282. Number of such demonstrations completed or carried through the year	_____	282
283. Number of homes given instruction in home nursing and first aid	_____	283
285. Total * number of homes influenced by extension service to adopt better sanitary practices	_____	285
286. Number of homes installing sanitary closets or outhouses	_____	286
287. Number of homes screened	_____	287
288. Number of homes following other methods of controlling flies, mosquitoes, and other insects	_____	288

[Use space below to include other important data relating to home health and sanitation.]

RURAL ENGINEERING.

Report only results of extension activities that are supported by records.

177. Number of result demonstrations started or under way	_____	177
178. Number of such demonstrations completed or carried through the year	_____	178
187. Number of dwellings constructed according to plans furnished	_____	187
188. Number of dwellings remodeled according to plans furnished	_____	188
189. Number of sewage-disposal systems installed	_____	189
190. Number of water systems installed	_____	190
191. Number of heating systems installed	_____	191
192. Number of lighting systems installed	_____	192

[Use space below to include other important data relating to rural engineering.]

HORTICULTURE.

None

Report only results of extension activities that are supported by records.

106.L. Number of members enrolled in horticulture 106.L
 (a) Women _____
 (b) Girls _____

Item.	(a)		(b)		(c)		(d)		
	Tree fruits.		Bush and small fruits.		Crops.		Market gardening and raising crops.		
	Women.	Girls.	Women.	Girls.	Women.	Girls.	Women.	Girls.	
106 (111b). Number of demonstrations started or under way.									106 (111b)
107 (112b). Number of demonstrations completed or carried through the year.									107 (112b)
114. Total yield grown by club members.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	114
115. Total value of crops grown by club members.	\$	\$	\$	\$	\$	\$	\$	\$	115
116.L. Number selecting and saving seed and stock.									116.L
122. Number spraying or otherwise treating for diseases or insect pests.									122

Item.	(a) I		(b) II		(c) I		(d) II		
	Part-year garden.		All-year-round garden.		Flowers, shrubs.		Planting to a plan.		
	Women.	Girls.	Women.	Girls.	Women.	Girls.	Women.	Girls.	
106 (111b). Number of demonstrations started or under way.									106 (111b)
107 (112b). Number of demonstrations completed or carried through the year.									107 (112b)
114. Total yield grown by club members.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	114
115. Total value of crops grown by club members.	\$	\$	\$	\$	\$	\$	\$	\$	115
116.L. Number selecting and saving seed and stock.									116.L
122. Number spraying or otherwise treating for diseases or insect pests.									122

[Use space below to include other important data relating to horticulture.]

POULTRY.

Report only results of extension activities that are supported by records.

130f. Number of poultry breeders' associations or clubs organized during the year _____ 130f

130.1f. Total number of members enrolled in poultry work _____ 130.1f

(a) Women _____
(b) Girls _____

Item.	Standard bred egg.		Standard bred fowls.		Males to improve stock.		Culling Stock.		Using incubators.		Other approved equipment.		
	Women.	Girls.	Women.	Girls.	Women.	Girls.	Women.	Girls.	Women.	Girls.	Women.	Girls.	
130f (143). Number of result demonstrations started or under way in securing _____	0	0	5	2	10	4	10	2	1	0	3	2	130f (143)
130f (144). Number of such demonstrations completed or carried through the year _____	0	0	4	2	6	3	10	2	1	0	3	2	130f (144)

	Women.	Girls.	
144.1f. Total number in flocks _____	1200	170	144.1f
144.2f. Total number of flocks culled _____	18	4	144.2f
144.3f. Total egg production _____	—	—	144.3f
144.4f. Number of pounds of dressed poultry sold _____	—	—	144.4f
144.5f. Number of pounds of dressed poultry used at home _____	—	—	144.5f
144.6f. Number of pounds of live poultry _____	—	—	144.6f
144.7f. Number of pounds of live poultry sold _____	3000	—	144.7f
144.8f. Number of dozens of eggs sold _____	180	—	144.8f
144.9f. Number of dozens of eggs used at home _____	—	—	144.9f
144.10f. Number of dozens of standard bred eggs used for hatching _____	—	—	144.10f
144.11f. Number of standard bred fowls sold for breeding purposes _____	—	—	144.11f
144.12f. Total value of all fowls sold _____	\$ —	\$ —	144.12f
144.13f. Total value of all fowls used at home _____	\$ —	\$ —	144.13f
144.14f. Total value of all eggs sold _____	\$ —	\$ —	144.14f
144.15f. Total value of all eggs used at home _____	\$ —	\$ —	144.15f

[Use space below to include other important data relating to poultry work.]

Have no records of dressed poultry. Sell or use for the home from demonstration. Selling for egg production and teaching so I was greatly appreciated and many more people are doing just each year. From my records am not able to give value or percent on that.

MARKETING.

Report only results of extension activities that are supported by records.

None
 221.1. Number of club members standardizing products for markets 221.1
 (a) Women _____
 (b) Girls _____

221. List below the cooperative marketing associations organized during the year upon suggestion or counsel of the home demonstration agent: 221

Name of association.	Number.	Number of members operating.	Supplies and products handled.							Products sold.		Number selling to merchants or consumer.	Number selling through agents, post or express.	
			Pounds of poultry.	Dozens of eggs.	Pounds of butter.	Pounds of vegetables.	Pounds of sausage, meat, etc.	Canned goods, preserves, etc.	Miscellaneous.	Value.	Profit.			
Curb markets														
Stall markets														
Egg circles														

[Use space below to include other important data relating to marketing.]

MISCELLANEOUS.

None

Report only results of extension activities that are supported by records.

Use this page to include work on any other agricultural and home economics project not included in the preceding pages, such as bookkeeping, basket making, and similar work, i. e. any other information that can be reported statistically and that will help to give a complete account of the year's work.

285.1. Number of members enrolled in miscellaneous work } 285.1
 (a) Women _____
 (b) Girls _____

	(a) ^a		(b) ^a		(c) ^a		(d) ^a		(e) ^a		
	Women	Girls	Women	Girls	Women	Girls	Women	Girls	Women	Girls	
285 (3106). Number of result demonstrations started or under way.											{ 205 (3106)
286 (3118). Number of such demonstrations completed or carried through the year.											{ 206 (3118)
287 (312). Number of units in these completed demonstrations.											{ 207 (312)
313. Total value of products grown or made by club members.	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	313
314. Total cost of products grown or made by club members.	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	314

COUNTY-WIDE CAMPAIGNS.

Kind.	Time covered.	Number of communities involved.	Number of people reached.
Home improvement			

[Use space below to include other important data relating to miscellaneous work.]

Recreational features:
