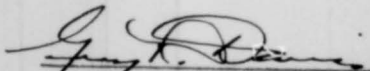


COUNTY AGENT'S NARRATIVE REPORT

HENRICO COUNTY
VIRGINIA



COUNTY AGENT

DECEMBER 1, 1947 --- NOVEMBER 30, 1948

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BRIEF DESCRIPTION OF COUNTY ORGANIZATION

111 THE AGRICULTURAL BOARD IN HENRICO COUNTY IS COMPOSED OF THE VARIOUS COMMODITIES. IT IS FELT THAT THIS TYPE OF ORGANIZATION WOULD BE MORE WORKABLE THAN THE CONVENTIONAL TYPE OF USDA COUNCIL WHICH HAS NEVER FUNCTIONED AS DESIGNED. ALSO, ON THIS BOARD OF REPRESENTATIVES ARE THE 4-H CLUB AND HOME DEMONSTRATION DEPARTMENTS. THIS TYPE OF ORGANIZATION REACHED THE NEEDS OF THE PEOPLE IN THIS COUNTY WHO ARE URBAN AND FARM MINDED. WITH THE CITY OF RICHMOND LYING IN THE MIDDLE OF THE COUNTY THERE IS NO TRUE COMMUNITY DIVIDING LINES. THE COMMUNITY SPIRIT IS NOT AS GREAT AS YOU FIND IN MORE RURAL COUNTIES. THE FARM PEOPLE LOOK TO THE CITY AS A CENTER OF INTEREST. AGRICULTURALLY WE HAVE THE COUNTY DIVIDED INTO SIX COMMUNITIES.

SINCE DAIRY, POULTRY, AND LIVESTOCK ARE THE MAIN AGRICULTURAL ENTERPRISES OF THE MAJORITY OF THE FARMERS IN HENRICO COUNTY, COMMITTEES FOR THESE COMMODITIES ARE ORGANIZED. ALSO, AN AGRONOMY COMMITTEE IS FUNCTIONING. WITH THIS COMMITTEE, THE GREATER PART OF THE ECONOMIC FARM SYSTEM IN THIS COUNTY IS SERVED.

A MOST ACTIVE 4-H CLUB COUNCIL PLANS THE 4-H CLUB ACTIVITIES FOR EACH YEAR. THE 4-H CLUBS ARE EXTREMELY ACTIVE IN CARRYING OUT THESE PLANS. THE 4-H CLUB HONOR CLUB, WHICH IS COMPOSED OF OLDER 4-H CLUB MEMBERS, DOES NOT PLAN AS A UNIT BUT PARTICIPATES IN AND SUPPORTS THE THE PLANS OF THE 4-H COUNCIL. THE HONOR CLUB OFFICERS ARE MEMBERS OF THE 4-H CLUB COUNCIL.

TYPE OF AGRICULTURE

IV HENRICKS COUNTY SURROUNDS THE CITY OF RICHMOND, WHICH PRESENTS MANY PROBLEMS IN TYPES OF AGRICULTURE. WITH THIS CONDITION, THE EXTENSION SERVICE IS CONFRONTED WITH A LARGE GROUP OF PART-TIME FARM OPERATORS. THE SECOND TYPE OF FARMING IS OF THE COMMERCIAL TYPE. OF THE 1511 FARMS IN THIS COUNTY, 1299 ARE CLASSIFIED. OF THIS CLASSIFIED GROUP, THERE ARE 787 FARMS WHICH PRODUCE FARM CROPS PRIMARILY FOR THE HOME CONSUMPTION. THESE ARE PART-TIME FARMS AND ARE OWNED LARGELY BY OWNERS WHO EARNED THEIR LIVELIHOOD IN THE CITY OF RICHMOND. THEY USE THE FARM MAINLY FOR FOOD PRODUCTION FOR THE HOME. THE MAIN PORTION OF THE COUNTY'S AGRICULTURAL FARM WEALTH IS COMPOSED OF THE REMAINDER OF THE CLASSIFIED FARMS WHICH IS 512 FARMS.

THE COASTAL PLAIN AND PIEDMONT SOILS ARE MAINLY THE TYPES IN THIS COUNTY. IN SOME SECTIONS, THESE SOILS OVERLAP AND GIVE A GRAVELLY TYPE OF SOIL WHICH IS NOT SUITED PROFITABLY FOR AGRICULTURAL PURPOSES. MOST OF THE SOILS ARE WELL-SUITED FOR GRAIN AND FORAGE PRODUCTION WHICH IS NEEDED FOR THE GREAT DAIRY, LIVESTOCK, AND POULTRY ACTIVITIES. THAT PART OF THE COUNTY ALONG THE JAMES RIVER IS OF EXCELLENT TYPE.

THE DAIRY INDUSTRY IN THE COUNTY IS THE LARGEST FARM COMMODITY PRODUCING WITH THE VALUE OF APPROXIMATELY \$57,000 WORTH OF PRODUCTS PER YEAR. DAIRYING IS CLOSELY FOLLOWED WITH THE POULTRY INDUSTRY WITH BETTER THAN \$903,000 WORTH OF POULTRY AND ITS PRODUCTS PRODUCED. THE THIRD LARGEST VOLUME OF FARM PRODUCTS PRODUCED IN THIS COUNTY, WHICH IS VALUED AT APPROXIMATELY \$271,000, COMES FROM THE LIVESTOCK FARM. THESE THREE INDUSTRIES ACCOUNT FOR APPROXIMATELY 80 PER CENT OF THE COUNTY'S AGRICULTURAL FARM PRODUCTS' WEALTH. THE REMAINDER OF THE FARMS IN THE COUNTY ARE COMPOSED NAMELY OF FLOWERS AND ORNAMENTAL PLANTS AND VEGETABLE PRODUCTION. DESPITE THE PROXIMITY OF THIS COUNTY TO THE CITY OF RICHMOND, VEGETABLE GROWING IS OF MINOR IMPORTANCE AS COMPARED WITH DAIRYING, POULTRY, AND LIVESTOCK COMMODITIES.

V. PROJECT ACTIVITIES

A. AGRONOMY

A STRONG EDUCATIONAL PROGRAM HAS BEEN CARRIED FORTH THIS YEAR THROUGH NEWSPAPER ARTICLES, RADIO TALKS, AND PERSONAL CONTACTS IN THE USE OF PROPER FERTILIZATION FOR VARIOUS CROPS. THIS PROGRAM HAS BEEN MOST SUCCESSFUL. THIS IS CONTRIBUTED TO THE FARMERS UNDERSTANDING THE VALUE OF PLANT FOOD, HOW MUCH PLANT FOOD THE VARIOUS CROPS REMOVE FROM THE SOIL, AND THE PROXIMITY TO THE FERTILIZER MIXING PLANTS IN THE CITY OF RICHMOND. THE SPREADING SERVICE WHICH IS AVAILABLE HAS CONTRIBUTED A GREAT DEAL TO THE SUCCESS OF THE FERTILIZER PROGRAM. THE FARMER SAVES ON THE INITIAL COST OF FERTILIZER AND THE SAVING IS REALIZED IN THE BULK SPREADING. THIS YEAR THIS METHOD OF SPREADING FERTILIZER HAS BEEN USED IN THE PLANTING OF SMALL GRAIN CROPS. ALSO, IT IS USED ON ALFALFA SEED BEDS, PASTURES, AND CORN.

THE PUBLICITY PROGRAM WAS DESIGNED TO CARRY TO THE GROWERS THE EXPERIMENT STATION RECOMMENDATIONS PRIOR TO THE ACTUAL SEEDING OF THE CROP; THIS WAS DONE FOR THE FARMER TO BUY HIS FERTILIZER AHEAD OF THE PLANTING SEASON. ALL THE SMALL GRAIN PRODUCERS USE A MINIMUM OF 500 POUNDS OF THE RECOMMENDED FERTILIZER PER ACRE. THROUGH CONTACTS, PUBLICITY, AND ACTUAL VISIT ON THE FARM, THE PRODUCER REALIZES THE VALUE OF GOOD FERTILIZER.

CORN

THE MAJOR CORN PRODUCERS IN THE COUNTY PLANT ADAPTED HYBRID CORN SEED. THERE ARE A FEW SMALL AND SCATTERED GROWERS WHO STILL STICK BY THE OPEN POLLINATED CORN. HOWEVER, THE ACREAGE IS VERY SMALL. THREE CORN HYBRID DEMONSTRATIONS WERE PLANTED STRATEGICALLY IN THE COUNTY DURING THE YEAR. THE HYBRIDS PLANTED IN THESE DEMONSTRATIONS WERE THOSE RECOMMENDED BY THE EXPERIMENT STATION. DURING THE MONTH OF SEPTEMBER, A RESULT MEETING FOR THE GROWERS AND THE AGENTS WAS HELD AT EACH DEMONSTRATION. DURING THIS MEETING THE ADVANTAGES AND DISADVANTAGES OF THE MATURING HYBRIDS WERE DISCUSSED. DURING THE GROWING SEASON, FARMERS VISITED THESE DEMONSTRATIONS FOR OBSERVATION. SIGNS WERE PLACED AT EACH DEMONSTRATION IDENTIFYING EACH HYBRID. THE INTEREST IN THESE DEMONSTRATIONS WAS EXTREMELY HIGH AND THE AGENT BELIEVES THESE DEMONSTRATIONS HAVE DONE MORE TO GET THE GROWERS INTERESTED IN FOLLOWING THE EXPERIMENTAL STATION ADAPTED SEED RECOMMENDATION. THEY SEE ON THE SPOT WHAT THE VARIOUS HYBRIDS WILL DO IN THEIR LOCALITY. SUCH A DEMONSTRATION IS A VALUABLE WEAPON. THE SEEDS WERE SECURED THROUGH THE EXTENSION AGRONOMY DEPARTMENT AND THE COOPERATORS IN THE METHODS OF SEEDING AND FERTILIZATION RECOMMENDATIONS.

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LOCAL SEEDSMEN HAVE BEEN MOST COOPERATIVE IN STOCKING THE SEED THAT THE EXPERIMENT STATION RECOMMENDS FOR THE LOCALITY. IN RECOMMENDING TO THEIR CUSTOMERS THAT THOSE HYBRIDS RECOMMENDED BY THE EXTENSION SERVICE BE PLANTED. THE LOCAL SEEDSMEN HAVE CONTRIBUTED MORE THAN IS REALIZED IN GETTING THE HIGH ACREAGE OF ADAPTED CORN HYBRIDS IN HENRICKS COUNTY. ALL FARMERS WERE FURNISHED A LIST OF THE ADAPTED CORN HYBRIDS. ALSO, THE SAME INFORMATION WAS GIVEN OVER THE RADIO AND THROUGH THE LOCAL NEWSPAPERS. FOR MASS INFORMATION THE LOCAL NEWS-PAPERS SEEM TO BE MORE EFFECTIVE.

FOR THE FIRST TIME THIS YEAR, THE AGENT ENCOURAGED FARMERS TO TAKE PART IN THE 100 BUSHEL CORN CLUB. THIS PROJECT WAS SPONSORED BY THE LOCAL RURAL CLUB WITH THE COUNTY AND STATE EXTENSION SERVICE COOPERATING. THE ACTIVITY IS ANOTHER MEANS IN CARRYING TO THE PRODUCERS THE RECOMMENDED HYBRIDS AND RECOMMENDED SEEDING AND FERTILIZATION PRACTICES. LHM CLUB MEMBERS ALSO PARTICIPATED IN THIS PROJECT. THIS 100 BUSHEL CORN PROJECT WILL BE PUSHED EVEN HARDER DURING THE NEXT YEAR BECAUSE IT IS ANOTHER VALUABLE TOOL IN PUTTING ACROSS DESIRED RECOMMENDATIONS FOR MAXIMUM RESULTS.

ENSILAGE

WITH A LARGE LIVESTOCK INDUSTRY IN HENRICKS COUNTY, ENSILAGE CORN IS AN IMPORTANT CROP. TO CARRY TO THOSE PRODUCERS THE BEST HYBRID UNDER LOCAL CONDITIONS FOR ENSILAGE, AN EXPERIMENTAL PLOT WAS SET UP IN COOPERATION WITH THE EXPERIMENT STATION. THE TEST CROP WAS GROWN WITH THE COOPERATION OF A FARMER SELECTED, AND HE FURNISHING THE LAND, FERTILIZER, AND DOING THE CULTIVATING. THE RESULTS WERE STRIKING AND CREATED A GREAT DEAL OF INTEREST AMONG THE DAIRYMEN. THEY NOTICED THE AMOUNT OF FOLIAGE, THE NUMBER OF EARS, AND THE SIZE OF STALK WHICH IS INDEED GRATIFYING SINCE THEY ARE IMPORTANT THINGS TO KNOW IN MAKING GOOD ENSILAGE. THIS IS ANOTHER OF A RESULT DEMONSTRATION WHICH IS INVALUABLE IN CARRYING FORTH RECOMMENDATIONS FOR MAXIMUM EFFICIENCY AND PRODUCTION.

OATS

THROUGH PUBLICITY AND CONTACTS, MOST ALL OF THE OATS PLANTED IN THE COUNTY ARE THE RECOMMENDED VARIETIES RECOMMENDED BY THE EXTENSION SERVICE. LEE GOLD PROOF VARIETY IS LEADING THE GROUP WITH STAUNTON CLOSE BEHIND. SOME LECTORIA OATS WERE PLANTED.

ONE VARIETY DEMONSTRATION OF OATS WAS PLANTED ON A MAIN THROUGHFARE FOR THE FARMERS AND THE SEEDMEN TO OBSERVE DURING THE GROWING SEASON, RIPENING, AND HARVESTING. THE RESULTS OF THIS DEMONSTRATION WERE MOST GRATIFYING. THE INTEREST NOT ONLY INCLUDED VISITORS TO THE PLOT, WHICH WAS IDENTIFIED BY SIGNS OF SIGNS, BUT ALSO MEANT MANY TELEPHONE CALLS TO THE COOPERATOR INQUIRING AS TO THE YIELDS AND WHAT THEY THOUGHT OF THE VARIOUS OATS IN THE DEMONSTRATION. THIS FALL, FOUR DEMONSTRATIONS WERE

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PLANTED.

WHEAT

MORE DIFFICULTY HAS BEEN EXPERIENCED IN GETTING RECOMMENDED VARIETY WHEATS PLANTED THAN OTHER SMALL GRAINS. THIS IS DUE MAINLY TO THE INABILITY TO SECURE THE RECOMMENDED VARIETIES BECAUSE OF SHORTAGE IN SEEDS AND THE HIGH PRICE PER BUSHEL. LAST YEAR, THREE FARMERS PRODUCED VAHART WHEAT WHICH IS HIGHLY RECOMMENDED. TWO OF THESE FARMERS CERTIFIED THEIR SEED AND IT IS AVAILABLE TO THE GROWERS. A GREAT DEAL OF THORNE WHEAT WAS SEEDED LAST YEAR AND PRODUCED VERY WELL. THIS FALL, VAHART AND THORNE WERE STRONGLY RECOMMENDED AND MUCH OF THE WHEAT PLANTED THIS FALL IS IN THOSE TWO VARIETIES. VERY LITTLE BEARDED WHEAT IS PLANTED IN THIS COUNTY. THE OLD-TIME VARIETIES, REDHART AND FORWARD, ARE STILL PLANTED.

ONE VARIETY DEMONSTRATION WAS PLANTED TO GIVE THE FARMERS AN OPPORTUNITY TO OBSERVE THE RECOMMENDED VARIETIES PLUS SEVERAL OTHER VARIETIES GROWN REGULARLY IN THE COUNTY. THIS GROUP INCLUDED VAHART, THORNE, HARD RED, FORWARD, REDHART, AND VPI-151. A DEMONSTRATION WAS PLANTED BY A MAIN HIGHWAY AND WAS VIEWED BY MANY. THE SEEDSMEN HAVE COOPERATED SPLENDIDLY IN SETTING UP THE DEMONSTRATION AND IN HANDLING THEM AND TRYING TO HANDLE THE SEEDS OF THE RECOMMENDED VARIETIES. THIS FALL, FOUR VARIETY DEMONSTRATIONS HAVE BEEN PLANTED FOR OBSERVATION IN THE COMING YEAR. THE SEED FOR THESE DEMONSTRATIONS WAS SUPPLIED BY THE SEEDSMEN IN THE RICHMOND AREA AND ONE FARMER.

BARLEY

BARLEY IS ONE OF OUR MAJOR FEED CROPS. DAIRYMEN USE THIS BOTH AS A GROUND FEED AND AS A SPRING ENSILAGE CROP. THE MOST POPULAR VARIETY IS THE WONG VARIETY. DESPITE THE APPEARANCE OF SHUNT IN THIS GREAT YIELDING VARIETY, IT STILL OUT-YIELDS ANY VARIETY IN THIS AREA. ANOTHER UP AND COMING VARIETY KNOWN AS THE CALHOUN IS VERY MUCH LIKE THE WONG AND PERHAPS IN THE NEAR FUTURE, MORE OF IT WILL BE PLANTED AS IT BECOMES AVAILABLE. BARLEY, ALONG WITH WHEAT AND OATS, IS USED EXTENSIVELY IN SUPPLEMENTARY PASTURES.

SOYBEAN

AN ALL OUT CAMPAIGN WITH PUBLICITY THROUGH RADIO, NEWS-PAPERS, AND CONTACTS WAS CARRIED TO THE FARMER IN REGARDS TO PLANTING THE NEW OGDEN SOYBEAN VARIETY. FOR THOSE FARMERS WHO FOUND THE OGDEN TO BE AN EXTREMELY VALUABLE BEAN. HOWEVER, WITH ITS LONG MATURING, IT DOES NOT WORK FAVORABLE WITH SOME OF THE GROWERS IN THEIR CROP ROTATION SYSTEM. IN MANY CASES ON THE

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RIVER BOTTOM AND FALL CROPS HAVE TO BE SEEDING BEFORE THE
CORN IS READY TO COME OFF. THE NEW S-100 VARIETY APPEARS TO
HAVE A PLACE IN THIS ROTATION SYSTEM. ASSISTANCE HAS BEEN
GIVEN TO ONE FARMER IN SECURING 10 BUSHELS OF S-100 FOR NEXT
SPRING PLANTING. THE WOODS YELLOW EARLY AND WOODS EXTRA
EARLY YELLOW SOYBEANS STILL SHARE A MAJOR PORTION OF THE
PLANTINGS IN THE COUNTY. THE AGENT HAS WORKED CLOSELY WITH
THE SEEDSMEN IN THE SOYBEAN RECOMMENDATIONS RELATIVE TO THEIR
MARKET FOR THE VARIOUS RECOMMENDED VARIETIES.

ALFALFA

ALFALFA PLANTINGS HAVE INCREASED ABOUT 1/3. MANY WHO
HAVEN'T GROWN ALFALFA BEFORE HAVE MADE SEEDINGS AND OTHERS
HAVE INCREASED THEIR SEEDINGS. THE KANSAS COMMON VARIETY
WHICH IS A TOP RECOMMENDED VARIETY WAS SCARCE AND MUCH OKLAHOMA
VARIETY HAD TO BE PLANTED THIS FALL. DISEASES OF ALFALFA IN
CERTAIN FIELDS HAVE INCREASED. ON ONE FARM, THE NEMATODE
DISEASE ALONG WITH SEVERAL OTHER ALFALFA DISEASES WAS IDENTI-
FIED BY STATE AND FEDERATION PATHOLOGISTS.

IN VIEW OF THE DISEASE PROBLEM, THROUGH THE COOPERATION
OF THE FARMER, THE STATE, AND FEDERATION PATHOLOGISTS, VARIETAL
PLANTING HAS BEEN MADE ON THE AFFECTED FARM TO DETERMINE WHAT
VARIETIES MAY BE RESISTANT TO THE NEMATODE DISEASE AND OTHER
BACTERIAL TROUBLES.

LADINO CLOVER

LADINO CLOVER PLANTINGS INCREASED SOME OVER THE PAST YEAR.
THE BIGGEST PROBLEM IN OUR LADINO CLOVER PASTURE IS PREVENTING
TOO CLOSE A GRAZING. THE AGENT HAS STRONGLY RECOMMENDED THAT
ROTATION GRAZING BE SET UP IN ORDER TO GET THE GREATEST YIELD
PER ACRE. THIS YEAR, SOME KENTUCKY 31 GRASS HAS BEEN SOLD WITH
LADINO CLOVER ALONG WITH ORCHARDGRASS AND OTHER SEEDINGS. IT
IS TOO EARLY TO SAY JUST WHAT KENTUCKY 31 WILL DO OR HOW IT
WILL BE CONSUMED BY THE CATTLE.

SUPPLEMENTARY PASTURES

WITH THE INTEREST OF THE DAIRY ORGANIZATIONS AND THEIR
COOPERATION THE AGENT PUT ON A TREMENDOUS DRIVE TO HAVE EACH
DAIRY PLANT SUFFICIENT FALL PASTURES AND WIDESUMMER SUPPLEMENTARY
PASTURES. THE RESULTS HAVE BEEN MOST GRATIFYING. ONE OF THE
LARGEST DAIRIES IN THE COUNTY PUT IN 60 ACRES OF SUPPLEMENTARY
FALL PASTURES THIS PAST FALL AND STATED THAT HIS MILK SUPPLY
INCREASED 100 GALLONS A DAY OR INCREASED HIS INCOME ABOUT \$50
A DAY. NOT ONLY HAS THIS PROJECT BEEN MOST VALUABLE TO THE
PRODUCER, BUT IT HAS BEEN A GREAT DEMONSTRATIONAL PROJECT FOR
OTHERS AND HAS HELPED TO SUPPLY MORE MILK DURING THE CRITICAL
FALL SHORTAGE IN THE RICHMOND MILK SHED. OTHER DAIRYMEN WHO
HAVE NOT USED THE SUPPLEMENTARY SYSTEM WITH THEIR PERENNIAL
PASTURES HAVE ALSO PLANTED SMALLER ACRES AND IT IS BELIEVED

THAT WITHIN THE NEXT TWO YEARS ALL THE DAIRYMEN WILL INCORPORATE THE SUPPLEMENTARY PASTURE SYSTEM IN THEIR REGULAR PASTURE SYSTEM TO TAKE CARE OF THE DROP IN GRAZING FROM PERMANENT PASTURES IN MIDSUMMER, EARLY FALL AND TO SUPPLY A LONGER GRAZING PERIOD DURING THE YEAR. THE COUNTY AGENT APPEARED BEFORE A GROUP OF THE PRODUCERS IN THE RICHMOND AREA AND EXPLAINED TO THEM HOW THEY COULD INCREASE THEIR MILK SUPPLY THROUGH HAVING THE SUPPLEMENTARY PASTURE SYSTEM AS A PERMANENT PART OF THEIR FARM OPERATIONS. THIS MEETING HAD A GREAT DEAL OF INFLUENCE IN GETTING MORE SUPPLEMENTARY PASTURES PLANTED.

B. POULTRY

NEW CASTLE DISEASE WAS FIRST IDENTIFIED IN THE COUNTY LAST YEAR THROUGH THE ASSISTANCE OF THE STATE LABORATORY IN RICHMOND. EDUCATIONAL INFORMATION GIVEN TO THOSE AS TO HOW THIS DISEASE COULD BE BEST COMBATED. A VACCINATION PROGRAM IS NOW IN EFFECT AND IT IS BELIEVED THAT MANY OF THE POULTRYMEN WILL HAVE TO USE THIS IN ORDER TO KEEP THIS DISEASE UNDER CONTROL. THE AGENT WORKED THROUGH THE RADIOS, NEWSPAPERS, AND PERSONAL CONTACTS ENCOURAGING THE BABY CHICK BUYERS TO PURCHASE BABY CHICKS OF KNOWN QUALITY--NAMELY FROM THOSE HATCHERIES OPERATING UNDER THE VIRGINIA POULTRY IMPROVEMENT PLAN. ALL OF OUR MAJOR POULTRY PRODUCERS PURCHASE CHICKS UNDER THE U.S.--VIRGINIA IMPROVEMENT PLAN. MUCH WORK IS YET TO BE DONE WITH THE SMALL BUYERS IN REGARDS TO PURCHASING BABY CHICKS THROUGH THE POULTRY IMPROVEMENT PLAN. THE AGENT'S OFFICE HAS MANY CALLS FROM PEOPLE WANTING TO KNOW IF SUCH AND SUCH A HATCHERY IS PARTICIPATING IN THE POULTRY IMPROVEMENT PLAN. THE TELEPHONE IS A GREAT MEDIUM IN TALKING PERSONALLY TO PROSPECTIVE BUYERS.

DURING THE PAST YEAR WITH FEED COSTS HIGH, THE AGENT CARRIED ON A LARGE CAMPAIGN WITH THE POULTRY OWNERS IN CUL- LING THE NON-PRODUCERS. THE EDUCATIONAL PROGRAM CONSISTED OF DEMONSTRATIONS ON SELECTING THE NON-PRODUCER AND REGULAR CUL- LING DURING THE YEAR. ONE OF OUR LARGE HATCHERY EGG PRODUCERS STATED THAT SUCH A PROGRAM HAS INCREASED HIS INCOME A GREAT DEAL.

THE GROW HEALTHY PULLETS PROGRAM WAS SUPPORTED AGAIN DURING THE PAST YEAR. THIS PROGRAM HAS SAVED EGG PRODUCERS MANY DOLLAR. WE EMPHASIZE THE IMPORTANCE OF FEEDING OATS AND LARGE GRAZING IN DEVELOPING LARGE HEALTHY PULLETS, AND THE FEEDING OF GRAIN TO GET THAT NECESSARY BODY WEIGHT WHEN THEY START LAYING IN THE FALL. IT HAS BEEN NOTED THAT THOSE GROWERS WHO FOLLOW THE SYSTEM SELDOM HAVE PULLETS TO GO ON A FALL MOLT WHEN THEY GET INTO HEAVY EGG PRODUCTION. THE BODY WEIGHT IS THERE AND IT IS MAINTAINED WITH PROPER MANAGEMENT.

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Coccidiosis, which is one of the main diseases in our broiler growers, is well under control through the use of the sulfur drugs now on the market. The agent worked very closely with these growers in carrying the recommended treatments to them.

The county poultrymen have also decreased their diseases through the use of the deep litter so strongly recommended from this office. Also disease control is more efficient with this.

Poultry disease diagnosis is very efficient. The agent worked closely with the state laboratory in Richmond and the producer knows in the shortest possible delay the kind of disease he may have and the treatment is started immediately. The relationship of the Extension Service and the State Diagnostic Laboratory is most cordial.

The poultrymen in the county are very active in the Virginia Poultry Federation.

C. DAIRYING

As stated before, dairying is the largest cash income group in the county with a total of 42 farms carrying a total value of approximately \$957,000. Some of these farms still do not have sufficient pasture and crop land to adequately support the most of dairy cows in our county. The agent has made a drive to increase the carrying capacity per acre and to supplement the permanent system with plantings to give greater carrying capacity per acre over a longer period. The trend of our largest dairies is to grow their own grains and buy only sufficient concentrates to make the protein mixture according to the hay they have available. Only one dairy up to now grows all of his feed except some feed for his young calves. The trend is to more efficient production through home grown feeds.

The agent has worked closely with the Soil Conservation Planning Technician in replanning the farm units to give greater grain production and more acreage of pasture.

Producing quality hay is a problem in this county and it will be some time before it is solved. To date there are six haydriers in the county. One dairy farmer, who didn't think much of these driers, finally consented to put one in. He liked it so much he immediately put in another one and it is believed that before long, two additional haydriers will be put in each of the other ends of the barn. He has stated that he has saved this past year three crops of hay he would not have otherwise saved, and the quality has jumped tremendously. Alfalfa is the main dairy crop for our dairymen. Some mixtures of red clover and Timothy and other plantings are used. This office

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ENCOURAGES THE PLANTING OF ALFALFA FOR THE GREATEST RETURN PER ACRE, AND MANY OF OUR FARMERS AVERAGE FIVE TONS OF ALFALFA PER SEASON. OUR GREATEST PROBLEM IN PRODUCING ALFALFA IS GETTING THE FARMER TO SUPPLY SUFFICIENT PLANT FOOD TO MAINTAIN HEALTHY AND VIGOROUS STANDS. A DRIVE WILL BE PUT ON DURING THE COMING WINTER TOWARDS APPLYING SUFFICIENT PLANT FOOD TO MAINTAIN ALFALFA STANDS LONGER. SOME ALFALFA IS PUT INTO SILGS PARTICULARLY THE FIRST CUTTING.

THE DHA WORK IS AGAIN FUNCTIONING AFTER A LONG PERIOD WITHOUT PERSONEL. THE ASSOCIATION NOW HAS A PERMANENT TESTER AND IT APPEARS THAT MORE DAIRYMEN WILL COME INTO THIS ASSOCIATION. AT THE PRESENT TIME, THERE ARE 7 HERDS IN THIS RESULT DEMONSTRATION WITH A TOTAL OF 775 COWS. THESE RESULT DEMONSTRATIONS ARE A GOOD MEDIUM IN TEACHING GOOD FEEDING AND MANAGEMENT PRACTICES. DURING THE PAST YEAR VERY LITTLE NON LEGUME HAY WAS FED TO DAIRY CATTLE.

FLY CONTROL MEASURES ARE INCREASING RAPIDLY WITH THE USE OF DDT. HOWEVER, LAST YEAR, MANY OF THE DAIRYMEN COMPLAINED ABOUT DDT NOT BEING AS EFFECTIVE AS IT WAS THE YEAR PREVIOUS. THEY STATE THAT IT KILLS IMMEDIATELY BUT THE RESIDUAL EFFECT IS NOT LASTING. WE STILL HAVE MUCH WORK TO DO IN GETTING ALL THE DAIRYMEN TO SEPARATE THEIR YOUNG LIVESTOCK ON PASTURE ALONG WITH THEIR MILKING STOCK. EMPHASIS WAS PLACED ON USING DDT TO HELP CONTROL LICE TOO.

THE AGENT HAS WORKED VERY CLOSELY WITH THE DAIRY ASSOCIATION IN ASSISTING WITH THE U-M JUDGING EDUCATIONAL PROGRAM.

D. LIVESTOCK

THE THIRD LARGEST INCOME GROUP IN THE COUNTY COMES IN THE BEEF CATTLE AND SWINE FARMING. WE HAVE TWO TYPES OF BEEF CATTLE FARMS IN THE COUNTY--ONE A STRICTLY PURE BRED HERD AND THE OTHER THE COMMERCIAL HERD WHICH HAS HIGH GRADE COWS. ALL THE COMMERCIAL HERDS ARE HEADED WITH PURE BRED SIRES. THE AGENT HAS WORKED CLOSELY WITH THESE FARMERS WITH THE IMPORTANCE OF HAVING GOOD PURE BRED SIRES. THE MARKET HERE IN RICHMOND ISN'T TOO GOOD FOR CATTLE. THE CARRYING CAPACITY OF THE FARMS HAS BEEN INCREASED THROUGH THE INFLUENCE OF THE SOIL CONSERVATION WORK.

SWINE PRODUCTION IS SIMILAR TO THE BEEF CATTLE PRODUCTION. WE HAVE THE PURE BRED HERDS AND THE MARKET HOG HERDS. ALL OUR COMMERCIAL HOG HERDS ARE NOT HEADED BY PURE BRED SIRES, BUT PROGRESS IS BEING MADE TOWARD HAVING ALL OF THE HERDS HAVE PURE BRED SIRES. THROUGH THE ADDITIONAL WORK MORE SUPPLEMENTARY PASTURES ARE BEING PLANTED FOR HOGS THAN IN THE PAST.

THE AGENT FEELS THAT MUCH IS TO BE DONE IN THE MANAGEMENT OF HOGS PARTICULARLY THE HOUSING CONDITIONS FOR THE CONTROL OF

DISEASES, PARASITES, ETC. INFORMATION ON DOT WAS SENT TO ALL CATTLE AND HOG GROWERS.

THE USE OF SODIUM FLUORIDE HAS BEEN A TREMENDOUS HELP IN PRODUCING THRIFTY HOGS DURING THE PAST YEAR. THE AGENT HAS GIVEN GROWERS INSTRUCTIONS ON HOW TO USE SODIUM FLUORIDE AND ALL OF THOSE WHO HAVE USED IT HAVE BEEN MOST GRATIFIED WITH THE RESULTS.

E. HORTICULTURE--SMALL FRUITS

IN HENRICO COUNTY THERE ARE APPROXIMATELY SIX GROWERS OF SMALL FRUITS ON A COMMERCIAL BASIS. THERE ARE ON A SMALL SCALE AND PRODUCE MOSTLY BLACKBERRIES AND STRAWBERRIES. DURING THE PAST YEAR IN MOVING OVER TO FARMS PURCHASED BY VETERANS IT WAS RECOMMENDED TO THEM THAT THEY SET UP SMALL FRUIT PRODUCTION SINCE THE NATURE OF THE LAND TENDED ITSELF TO THIS TYPE OF PRODUCTION. IT IS BELIEVED THAT THE METROPOLITAN AREA OF RICHMOND COULD SUPPORT MORE SMALL FRUITS THAN NOW IN HENRICO COUNTY. IT IS BELIEVED IN THE NEXT FEW YEARS WE WILL SEE MORE SMALL FRUIT GROWERS WHEN LAND WHICH IS PUT BACK INTO PRODUCTION IS SUITED FOR THIS TYPE CASH CROP.

THERE ARE MANY HOME GROWERS OF SMALL FRUITS IN AND AROUND RICHMOND. THIS OFFICE SUPPLIES EDUCATIONAL MATERIAL TO THESE GROWERS ON HOW TO PLANT, PRUNE, AND FERTILIZE THEIR SMALL FRUITS. TELEPHONE CALLS ARE TREMENDOUS IN REGARDS TO THESE SMALL FRUIT GROWERS. SPECIAL EDUCATIONAL PROGRAMS HAVE BEEN PUT ON THROUGH THE NEWSPAPERS, PERSONAL CONTACTS, AND OVER THE RADIO.

E. HORTICULTURE--ORNAMENTALS

THE MAIN ACTIVITIES OF THE COUNTY AGENT IN REGARDS TO ORNAMENTALS DEALS MAINLY WITH THE CONTROL OF DISEASES AND INSECTS. MANY PHONE CALLS ARE RECEIVED FROM PEOPLE IN RICHMOND AND THE COUNTY IN REGARDS TO WHAT TO USE TO CONTROL DISEASES AND INSECTS. DOT HAS BEEN A GREAT DEAL OF HELP IN GIVING SERVICE TO THOSE WHO ARE INTERESTED IN ORNAMENTALS. ALSO THE TYPE OF SOILS NEEDED FOR ORNAMENTALS IS ANOTHER QUESTION ASKED BY MANY OF OUR RESIDENTS. SOME WORK IS DONE IN PRUNING OF ORNAMENTAL SHRUBS. THE AGENT IS CALLED UPON TO MAKE TALKS OR TO SECURE SOMEONE FROM THE EXTENSION SERVICE BEFORE VARIOUS CLUBS IN AND AROUND THE CITY.

VEGETABLES

THERE ARE APPROXIMATELY 34 FARMS CLASSIFIED AS VEGETABLE FARMS IN THE COUNTY. IT IS READILY SEEN THAT VEGETABLE GROWING IN HENRICO IS OF LEAST IMPORTANCE IN REGARDS TO OTHER CASH CROP ACTIVITIES. HOME GARDENING IS PRACTICED ON A LARGE SCALE BOTH BY THE URBAN AND RURAL PEOPLE. THE COUNTY AGENT GIVES ASSISTANCE TO THE VEGETABLE GROWERS IN IDENTIFYING DISEASES OF

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PLANTS, THE CONTROL OF INSECTS AND GENERAL MANAGEMENT PRACTICES. TALKS TO CIVIC CLASSES ARE ALSO MADE IN REGARDS TO GARDENING. MANY CALLS ARE RECEIVED BY THIS OFFICE ASKING FOR RECOMMENDED VARIETIES OF VEGETABLES, DATES OF PLANTING, FERTILIZATION PRACTICES, AND INSECT AND DISEASE CONTROL MEASURES. THE NEWSPAPER AND THE RADIO ARE USED EXTENSIVELY PRIOR TO THE GARDENING SEASON IN CARRYING INFORMATION TO THE PEOPLE. THE VEGETABLE GARDENING SUGGESTIONS PUBLISHED BY THE STATE EXTENSION SERVICE HAVE BEEN USED TO A LARGE ADVANTAGE. MANY SOIL SAMPLES ARE RECEIVED AFTER INSTRUCTIONS ARE GIVEN ON HOW TO TAKE THEM.

THE LOCAL SEEDSMEN HAVE BEEN A GREAT HELP IN PUTTING ACROSS THE RECOMMENDED VARIETIES BY THE EXTENSION SERVICE BY CARRYING THOSE IN STOCK. LARGE POSTERS HAVE BEEN GIVEN TO THE SEEDSMEN LISTING THE RECOMMENDED VARIETIES SO THAT THE GROWERS CAN SEE THEM WHEN THEY COME IN THE STORE. THE SEEDSMEN ARE INVITED TO ATTEND A SEEDSMEN'S MEETING WHERE THE LATEST INFORMATION IN REGARDS TO VARIETAL RECOMMENDATIONS, FERTILIZATION PRACTICES, INSECT CONTROL, AND CHEMICALS FOR PLANT DISEASE CONTROL.

G. FARM LABOR

THE COUNTY AGENT'S OFFICE HAS ACTED AS AN EMPLOYMENT AGENCY FOR FARM LABOR IN THE PAST YEAR. THE EMPLOYMENT SERVICE IN RICHMOND SENDS PROSPECTIVE WORKERS TO THIS OFFICE WHERE THEY ARE INTERVIEWED. FARMERS WHO DESIRE LABOR NOTIFY THIS OFFICE AND APPLICANTS ARE SENT DIRECTLY TO THE FARMER FOR FURTHER INTERVIEW AND WHAT ACTION HE MAY DESIRE TO TAKE. THIS OFFICE DOES NOT DO ANY CONTACTING WHATSOEVER BUT MERELY ACTS AS A GO-BETWEEN IN GETTING THE APPLICANT AND THE FARMER TOGETHER. IT HAS BEEN FOUND THAT THIS SERVICE HAS BEEN A GREAT HELP TO MANY FARMERS IN HENRICO COUNTY. MANY DRIFTERS APPLY FOR WORK BUT DESPITE THIS HANDICAP MANY GOOD WORKERS HAVE BEEN PLACED. MOST OF THOSE WHO COME DIRECTLY AND NOT THROUGH THE STATE EMPLOYMENT OFFICE HAVE BEEN FAIRLY SATISFACTORY WHEREAS THOSE WHO COME FROM THE STATE EMPLOYMENT OFFICE HAVE BEEN MADE UP LARGELY OF DRIFTERS.

I. COOPERATIVES

TWO LARGE COOPERATIVES OPERATE IN HENRICO COUNTY. NO ASSISTANCE IS GIVEN THESE COOPERATIVES RELATIVE TO ORGANIZATIONS SINCE THEY ARE OLD ORGANIZATIONS AND ARE WELL ESTABLISHED. THE COUNTY AGENT KEEPS THESE COOPERATIVES INFORMED AS TO THE LATEST PRACTICES AND RECOMMENDED SEED VARIETIES.

K. GUIDANCE PROGRAM FOR VETERANS

THE EXTENSION SERVICE HAS NO ORGANIZED PROGRAM FOR VETERANS. THE AGENT ADDRESSES THE ORGANIZED VETERANS TRAINING PROGRAM ON VARIOUS SUBJECTS. THIS ORGANIZATION IS SPONSORED BY THE VETERANS ADMINISTRATION AND HAVE THEIR OWN INSTRUCTOR. MANY

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VETERANS COME TO THE OFFICE INQUIRING ABOUT THE VETERANS TRAINING COURSE. THEY ARE DIRECTED TO THE VETERAN TRAINING INSTRUCTOR. INFORMATION AND VARIOUS BULLETINS ARE SUPPLIED TO THE INSTRUCTOR FOR HIS CLASSES.

L. INSECT CONTROL

JAPANESE BEETLE

DURING THE PAST YEAR, IT WAS NOTED THAT THE RAUAPAGING JAPANESE BEETLE HAD EXTENDED OVER A LARGE PORTION OF THE COUNTY. THE CONTROL OF THIS INSECT IS PRESENTING A TREMENDOUS PROBLEM, SINCE SOME OF ITS ACTIVITY IS IN CROPS WHICH ARE IMPRACTICAL TO DUST OR SPRAY DUE TO THE NATURE OF THE GROWING CROP. EXTENSIVE DAMAGE WAS DONE THIS YEAR IN SOYBEAN FIELDS AND CORN-- CORN BEING EXCEEDINGLY DIFFICULT TO SPRAY. ALSO LACK OF SUFFICIENT SPRAYING EQUIPMENT HAS HINDERED CONTROL MEASURES. THIS OFFICE HAS WORKED CLOSELY WITH THE STATE EXTENSION SERVICE AND THE VIRGINIA DEPARTMENT OF AGRICULTURE IN APPLYING CONTROL MEASURES. LAST SPRING THE VIRGINIA AGRICULTURE DEPARTMENT PLACED THE MILKY SPORE DISEASE ON TEN FARMS. IT IS HARD TO TELL JUST WHAT THIS DISEASE WILL DO SINCE IT HAS NOT BEEN OUT LONG ENOUGH TO SEE RESULTS. HOWEVER, THE NEXT TWO OR THREE YEARS SHOULD SHOW A DECIDED EFFECT UPON THIS JAPANESE BEETLE. PLANS ARE NOW BEING MADE TO HELP COMBAT THIS PEST THIS COMING SPRING. THIS OFFICE HAS WORKED CLOSELY WITH INTERESTED MEN IN SECURING OPERATING EQUIPMENT AND GIVING THEM INFORMATION AS TO HOW THEY CAN ASSIST THIS SPRING IN COMBATING THE JAPANESE BEETLE. MANY CALLS ARE RECEIVED BY THIS OFFICE FROM PEOPLE IN THE CITY AND FROM THOSE WHO HAVE HOMES IN THE COUNTY IN REGARD TO THE JAPANESE BEETLE KILLING THEIR LAWNS AND VALUABLE SHRUBBERY. AVAILABLE SPRAYING SERVICE, AS MENTIONED ABOVE, WILL BE A GREAT DEAL OF HELP TO THESE PEOPLE. IT IS ANTICIPATED THAT THIS SERVICE WILL HELP TO REDUCE THE DAMAGE DONE BY THE BEETLE TO LAWNS AND SHRUBS. IT IS BELIEVED THAT THIS SERVICE WILL ALSO BE AVAILABLE TO A LIMITED DEGREE TO THE FARMER. OUR MAIN PROBLEM NOW IS WORKING OUT A SYSTEM WHEREBY DAMAGE CAN BE PREVENTED IN CORN FIELDS AND OTHER FORAGE CROPS NEEDED FOR LIVESTOCK OR SEED PRODUCTION. THE JAPANESE BEETLE IS EXTENDING ITS AREA RAPIDLY OVER HENRICKS COUNTY AND CONTROL MEASURES ARE NEEDED HURRICIDLY TO STOP IT. THE AGENT WORKED WITH ONE COOPERATIVE IN SUPPLYING SPRAY SERVICES.

ARMY WORM

THE GREATEST ARMY WORM INFESTATION EVER TO HIT THIS COUNTY WAS NOTED AROUND THE FIRST WEEK OF AUGUST. MANY CUTTINGS OF ALFALFA WERE LOST DUE TO THE RAPID EATING OF THE FORAGE BY THE ARMY WORM. MANY FIELDS WERE CUT EARLY TO PREVENT A TOTAL LOSS THROUGH ADVICE FROM THIS OFFICE. ALSO THE AGENT ASSISTED IN GIVING THE INFORMATION AS TO HOW THE ARMY WORM COULD BE CONTROLLED. MOST OF THE DAMAGE WAS DONE IN ALFALFA FIELDS WITH SOME IN SOYBEANS. THE DDT USED HELPED TO CONTROL THIS PEST

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AND DESPITE CLEANING THE STEMS OF ITS LEAVES, NO ALFALFA
FIELD FAILED TO COME BACK. IT WAS FOUND THROUGH CUTTING THE
ALFALFA AND PERMITTING THE SUNLIGHT AND BIRDS TO GET TO THE
WORMS THAT THEY WERE CONTROLLED A GREAT DEAL.

CORN (PARTICULARLY LATE CORN) WAS CAUGHT AND A GREAT
DEAL OF DAMAGE WAS DONE. WITH THE ARMY WORM AND THE SUB
WORM, LATE CORN WAS HIT FATHER HARD. THIS OFFICE ASSISTED
IN SECURING EQUIPMENT AND INSECTICIDES TO DUST THE CORN
FIELDS. IT WAS NOTED THAT DDT IN A TOBACCO DUST CARRYING
AGENT WAS MOST EFFECTIVE. EARLY PLANTED CORN WAS NOT
BOTHERED.

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VI. 4-H CLUB WORK

A. 4-H CLUB ORGANIZATION

COUNTY COUNCIL--THIS ORGANIZATION IS MADE UP OF ALL THE OFFICERS OF THE COMMUNITY CLUBS. THERE ARE 14 JOINT CLUBS AND TWO GIRLS CLUBS. THE OFFICERS OF THE COUNTY COUNCIL ARE PRESIDENT, VICE PRESIDENT, SECRETARY, TREASURER, SONG LEADER, AND NEWS REPORTER. IT HAS A MEMBERSHIP OF 64. THREE MEETINGS WERE HELD THE PAST CLUB YEAR. THE FIRST MEETING WAS DEVOTED TO ORGANIZATION. THE COUNCIL GOALS FOR THE YEAR WERE SET UP AS FOLLOWS:

1. EACH CLUB STRIVE FOR 100% COMPLETIONS IN PROJECT WORK.
2. EACH CLUB TO HAVE AN ACTIVE PROJECT CHAIRMAN TO SECURE RECORDS.
3. EACH CLUB STRIVE FOR A WELL PLANNED PROGRAM AT EACH MONTHLY CLUB MEETING.
4. COUNTY COUNCIL TO SEND A DELEGATE TO CONSERVATION CAMP AND TO SHORT COURSE.
5. EACH CLUB TO PRESENT A RADIO PROGRAM.
6. EACH CLUB TO TAKE PART IN COUNTY WIDE ACTIVITIES SUCH AS:

1. ACHIEVEMENT DAY
2. RALLY DAY
3. NATIONAL 4-H CLUB WEEK
4. RURAL LIFE SUNDAY
5. ATLANTIC RURAL EXPOSITION

THE SECOND MEETING WAS DEVOTED TO PLANS FOR NATIONAL 4-H CLUB WEEK. IN ADDITION TO A RADIO PROGRAM IN WHICH THE MEMBERS OUTLINED THE ACCOMPLISHMENTS FOR THE PAST YEAR, THE COUNCIL DECIDED THAT EACH CLUB SHOULD PRESENT A SKIT ON 4-H ACTIVITIES AT THEIR MARCH CLUB MEETING. FOURTEEN OF THE SIXTEEN CLUBS PARTICIPATED.

THE THIRD COUNCIL MEETING WAS CALLED TO MAKE PLANS FOR THE OBSERVANCE OF RURAL LIFE SUNDAY. THE COUNCIL MEMBERS SELECTED THE DELEGATE THEY WISHED TO SEND TO STATE SHORT COURSE. SUMMER ACTIVITIES WHICH INCLUDED RALLY DAY AND CAMP WERE ALSO DISCUSSED.

HONOR CLUB

A COUNTY 4-H HONOR CLUB WAS ORGANIZED TWO YEARS AGO FOR THE PURPOSE OF HONORING ON A COUNTY BASIS THOSE BOYS AND GIRLS AS WELL AS LEADERS WHO WERE DOING OUTSTANDING 4-H WORK. THE MEMBERSHIP IS LIMITED TO BOYS AND GIRLS 14 YEARS OF AGE, WHO HAVE COMPLETED AT LEAST 3 YEARS OF CLUB WORK, AND ARE OUTSTANDING IN LEADERSHIP AND PROJECT WORK. THE OFFICERS ARE PRESIDENT, VICE PRESIDENT, SECRETARY AND TREASURER, SONG LEADER, AND NEWS REPORTER. THE CLUB MET SIX TIMES DURING THE YEAR FOR

FOUR BUSINESS MEETINGS AND TWO SOCIALS. THE FIRST MEETING WAS DEVOTED TO ORGANIZATION AND SETTING UP THE FOLLOWING GOALS:

1. HONOR CLUB MEMBERS TO HELP MAINTAIN HIGH STANDARDS IN 4-H PROJECT WORK.
2. HONOR CLUB MEMBERS TO SERVE AS JUNIOR PROJECT LEADERS.
3. HONOR CLUB TO SPONSOR RURAL LIFE SUNDAY.
4. HONOR CLUB TO SPONSOR ACHIEVEMENT DAY.

A COMMITTEE WAS APPOINTED TO SET UP THE CONSTITUTION AND BY-LAWS.

THE OTHER MEETINGS WERE DEVOTED TO MAKING PLANS FOR RURAL LIFE SUNDAY, ACHIEVEMENT DAY AND THE TWO SOCIALS HELD BY THE GROUP. THERE ARE SEVENTEEN MEMBERS OF THE CLUB--7 BOYS AND 10 GIRLS. WE FEEL THAT THE HONOR CLUB HAS BEEN OF VALUE IN DEVELOPING AN INTERESTING PROGRAM OF COUNTY WIDE ACTIVITIES.

B. PROJECT WORK

<u>ENROLLMENT</u>		<u>COMPLETION</u>
FLOWERS	1	1
CORN	19	17
GARDEN	135	90
INSECTS	58	27
BREEDING PIG	1	1
SHEEP	1	1
FAT PIG	35	21
PIGEONS	1	1
DUCKS	1	1
RABBITS	39	22
POULTRY	58	46
BABY BEEF	6	6
DAIRY HEIFER	10	10
DAIRY COW	2	2
DAIRY CALF	7	2
GOATS	1	1
BEEH	1	0

PROJECT COMPLETIONS THIS YEAR WERE 61 PER CENT PER CLUB MEMBER ENROLLED AND 65.0 PER CENT PER PROJECT. THESE COMPLETIONS ARE BELOW LAST YEAR'S COMPLETIONS AND IT IS DUE PRIMARILY TO CHANGE IN PERSONNEL WHICH DID NOT GIVE AS COMPLETE SUPERVISION AS DURING THE PREVIOUS YEAR.

DAIRY

4-H DAIRY PROJECTS TOTALED 19. SIX BOYS ATTENDED THE GUERNSEY FIELD DAY AND RECEIVED TRAINING IN JUDGING DAIRY CATTLE. ALSO, SIX BOYS EXHIBITED 7 DAIRY CATTLE AT THE ATLANTIC RURAL EXPOSITION AND WON A TOTAL OF \$225 IN PRIZE MONEY. TWO 4-H CLUB MEMBERS WON GRAND CHAMPIONS IN THE JUNIOR DIVISION NAMELY THE GUERNSEY AND JERSEY BREEDS.

POULTRY

FIFTY-EIGHT BOYS AND GIRLS ENROLLED IN POULTRY PROJECTS DURING THE PAST YEAR. THREE ATTENDED THE SPECIAL POULTRY JUDGING SCHOOL WHICH WAS DIRECTED BY THE COUNTY AGENT FROM THIS COUNTY AND RECEIVED TRAINING IN POULTRY JUDGING. SIX BOYS AND GIRLS EXHIBITED POULTRY AT THE ATLANTIC RURAL EXPOSITION AND WON \$50 IN PRIZE MONEY. A SPECIAL POULTRY PROJECT, WHICH IS SPONSORED BY A LOCAL BUSINESS CONCERN, WAS STARTED THIS PAST SPRING. SIX BOYS AND GIRLS PARTICIPATED IN THIS PROJECT AND WERE GIVEN 100 BABY CHICKS. THEY RETURNED A SUFFICIENT NUMBER OF COCKERALS TO PAY FOR THESE CHICKENS AND THE SALES PRICE WILL BE USED TO START A LIKE NUMBER

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THE NEXT YEAR. PRIZES WILL BE AWARDED TO THOSE DOING THE BEST JOB.

LIVESTOCK

SIX BOYS PARTICIPATED IN THE BABY BEEF PROJECT AND EXHIBITED THEIR ANIMALS IN THE ATLANTIC RURAL EXPOSITION SPRING SHOW. ALL WON MONEY GIVEN BY A LOCAL MEAT CONCERN BASED ON QUALITY. TWO BOYS EXHIBITED BABY BEEFS AT THE FALL SHOW OF THE ATLANTIC RURAL EXPOSITION.

THREE PENS OF FAT PIGS WERE EXHIBITED AT THE SPRING SHOW OF THE ATLANTIC RURAL EXPOSITION. A TOTAL OF \$23 WAS WON IN PRIZE MONEY. MORE INTEREST IN BREEDING PROJECTS WAS SHOWN THIS PAST YEAR AND IT IS EXPECTED MORE PURE BRED PIG PROJECTS WILL BE STARTED DURING THE NEXT YEAR.

THERE IS MUCH INTERESTED IN RABBITS AMONG THE BOYS AROUND THE CITY. DURING THE PAST YEAR, 39 BOYS WERE ENROLLED IN RABBIT PROJECTS. MANY OF THEM SUPPLY MEAT FOR HOME CONSUMPTION. ONE RABBIT PROJECT MEMBER HAS DEVELOPED A RETAIL BUSINESS FOR ALL RABBITS HE HAS IN EXCESS FOR HOME USE. HE DRESSES THE RABBITS AND FREEZES THEM AND SELLS THEM AS HE DEMANDS PRESENTS ITSELF. THERE IS SOME INTEREST IN DUCKS, PIGEONS, AND GOATS BUT THESE PROJECTS ARE NOT PUSHED VERY HARD. EMPHASIS HAS BEEN PLACED ON INCREASING BEE PROJECTS SINCE THE AGENT FEELS THAT L-H MEMBERS CAN REALIZE MUCH FROM CARRYING SUCH A PROJECT. THE TOTAL VALUE OF ALL LIVESTOCK PROJECTS IS APPROXIMATELY \$17,417.72. THE TOTAL PROFIT AFTER DEDUCTING EXPENSES IS ABOUT \$7,870.56.

CORN

NINETEEN BOYS WERE ENROLLED IN THE CORN PROJECT DURING THE PAST YEAR. SEVENTEEN COMPLETED WITH 19½ ACRES. FOUR BOYS MADE OVER 100 BUSHELS PER ACRE AND QUALIFIED FOR THE 100 BUSHEL CORN CLUB IN THE COUNTY. ALL OF THE BOYS FOLLOWED THE RECOMMENDATIONS SUBMITTED TO THEM FROM THIS OFFICE IN HANDLING THEIR CORN CROP THE PAST YEAR.

FOR THESE BOYS INTERESTED IN CORN PROJECTS A LOCAL CONCERN SPONSORED A CONTEST WHEREBY THEY HAVE ENOUGH CORN TO PLANT ONE ACRE. SEVENTEEN BOYS ENROLLED IN THIS SPECIAL PROJECT AND PRIZES WILL BE AWARDED TO THE HIGHEST 4 WINNERS BASED ON YIELD. EIGHT BOYS EXHIBITED CORN AT THE ATLANTIC RURAL EXPOSITION AND WON A TOTAL OF \$30 IN PRIZES. ALL THESE BOYS SELECTED THAT CORN AFTER THEY HAD BEEN GIVEN DEMONSTRATIONS ON HOW TO SELECT CORN SAMPLES FOR SHOW.

GARDEN

HOME GARDENS ARE VERY POPULAR WITH BOYS IN THIS COUNTY. MANY HAVE ONLY ENOUGH SPACE TO CARRY GARDENS AND ARE URGED TO PLANT

A GARDEN TO SUPPLY FOOD FOR THE HOME.

SPECIAL PROJECTS

FOR THOSE BOYS WHO DO NOT HAVE SPACE TO CARRY A LIVESTOCK PROJECT OR EVEN A GARDEN IT WAS NECESSARY TO SET UP SEVERAL SPECIAL PROJECTS IN ORDER THAT THEY MAY MEET THE QUALIFICATIONS FROM A PROJECT STANDPOINT OF 4-H CLUB WORK. LAST YEAR AND THIS YEAR, THE INSECT PROJECT WAS CARRIED WHICH HAS PROVED VERY SUCCESSFUL. THE INSECTS WERE MOUNTED, IDENTIFIED, AND THE ECONOMIC IMPORTANCE STUDIED. ANOTHER PROJECT WHICH WAS STARTED THIS FALL AND WILL RUN INTO NEXT YEAR IS THE TREE IDENTIFICATION PROJECT. IT IS VERY POSSIBLE AND IT IS BELIEVED IT WILL ADD MORE INTEREST TO THOSE BOYS WHO ARE NOT EQUIPPED TO CARRY ONE OF THE CONVENTIONAL 4-H AGRICULTURAL PROJECTS.

C. ACHIEVEMENTS

1. 4-H CLUB MEMBERS IN THIS COUNTY EXHIBITED AT THE ATLANTIC RURAL EXPOSITION IN THE SPRING AND FALL. APPROXIMATELY 29 4-H CLUB MEMBERS EXHIBITED WINNING A TOTAL VALUE OF \$519 IN PRIZE MONEY.
2. TWO CLUB MEMBERS ATTENDED THE STATE 4-H SHORT COURSE.
3. THREE BOYS ATTENDED THE LITTLE CLUB CONGRESS HELD AT THE CAVALIER HOTEL WITH THE SOUTHSIDE DISTRICT.
4. ONE BOY WAS TAKEN INTO THE STATE 4-H ALL-STAR CHAPTER.
5. 4-H CLUB MEMBERS PARTICIPATED IN THE JUDGING AT THE GUERNSEY FIELDS DAY.
6. ONE 4-H MEMBER WON A \$400 SCHOLARSHIP FOR HIS OUTSTANDING WORK IN THE 4-H CLUB.
7. THREE 4-H BOYS ARE ATTENDING THE STATE AGRICULTURAL COLLEGE AT BLACKSBURG.
8. TWO 4-H CLUB BOYS WON GRAND CHAMPIONS IN JUNIOR DAIRY ANIMALS IN THE ATLANTIC RURAL EXPOSITION LAST FALL (1948).
9. ONE 4-H CLUB MEMBER WON A WATCH IN A DISTRICT CORN CONTEST.
10. ONE MEMBER WON A \$25 SAVINGS BOND IN A DISTRICT CROPS CONTEST.
11. NATIONAL 4-H CLUB WEEK: TWO ACTIVITIES WERE PLANNED BY THE COUNTY COUNCIL IN CELEBRATION OF NATIONAL 4-H CLUB WEEK. IN ADDITION TO A RADIO PROGRAM IN WHICH CLUB MEMBERS TOGETHER WITH THE TWO ASSISTANT AGENTS OUTLINED THE 4-H ACCOMPLISHMENTS FOR THE PAST YEAR. THE COUNCIL DECIDED THAT EACH CLUB SHOULD WRITE A SKIT ILLUSTRATING 4-H ACTIVITIES WITH PLANS TO PRESENT IT BEFORE AN ADULT ORGANIZATION IN THEIR RESPECTIVE COMMUNITIES. WE WANT THE PEOPLE IN THE LOCAL COMMUNITIES TO BECOME BETTER ACQUAINTED WITH THE 4-H PROGRAM. WE ALSO WISHED TO IMPRESS ON CLUB MEMBERS THE IMPORTANCE OF THEIR CLUB AND THE VALUE OF DOING

GOOD PROJECT WORK. FOURTEEN OF THE SIXTEEN CLUBS PRESENTED SOME TYPE OF SKIT. A 4-H QUIZ PROGRAM GIVEN BY THE SHORT PUMP CLUB IS ONE EXAMPLE, ANOTHER A SKIT IN RADIO SCRIPT FORM GIVEN BY THE SANDSTON CLUB. THE SANDSTON GROUP LATER GAVE THEIR PROGRAM ON THE RADIO. THE PROGRAMS WERE PRESENTED FIRST AT THE CLUB MEETINGS AND LATER TO PTA AND HOME DEMONSTRATION CLUB GROUPS.

12. RURAL LIFE SUNDAY: PLANS FOR RURAL LIFE SUNDAY WERE MADE AT OUR SECOND COUNTY COUNCIL MEETING. SUGGESTIONS FOR ITS OBSERVANCE WERE AS FOLLOWS:

1. CLUB MEMBERS ATTEND THE CHURCH OF THEIR CHOICE AND HAVE A SPECIAL SECTION OF SEATS RESERVED SO THAT THE GROUP MAY SIT TOGETHER.
2. CHURCH MEMBERS MAY HELP DECORATE THE CHURCH.
3. CLUB MEMBERS MAY SERVE AS USHERS.
4. CLUB MEMBERS MAY LEAD IN PRAYER AT SUNDAY SCHOOL.
5. ASK MINISTER TO MENTION IN THE SERVICE RURAL LIFE SUNDAY AND THE 4-H'ERS PARTICIPATION IN THE PROGRAM.

13. RECOGNITION OF 4-H LEADERS: A LEADER BANQUET WAS HELD LAST APRIL BY THE RICHMOND CHAIN STORE MANAGERS IN RECOGNITION OF THE WORK DONE BY 4-H CLUB OFFICERS AND LEADERS. REPRESENTATIVES FROM HANOVER AND CHESTERFIELD COUNTIES TOGETHER WITH THOSE OF HENRICO WERE PRESENT. WE FEEL THAT THIS PROGRAM IS OF GREAT VALUE IN ENCOURAGING LEADERSHIP IN THE CLUBS. THE FOLLOWING LEADERS WERE RECOGNIZED FOR THEIR SERVICES IN THE 4-H CLUB:

Mrs. E. S. FENNE	5 YEARS	VARINA
Mrs. I. R. LINDSTROM	4 YEARS	GLEN LEA
Mrs. R. C. BAILEY	1 YEAR	LAUREL

14. RALLY DAYS: IN JUNE THE COUNCIL SPONSORED A COUNTY-WIDE PICNIC FOR THE 4-H CLUB MEMBERS AND THEIR FRIENDS TO BE HELD AT SWIFT CREEK PARK. BUSES WERE CHARTERED FOR THE OCCASION. TWO HUNDRED AND THIRTY-ONE BOYS AND GIRLS TOGETHER WITH CLUB LEADERS ATTENDED. THE COUNCIL COMMITTEES PLANNED AND CARRIED OUT THE PROGRAM WHICH CONSISTED OF GAMES, SWIMMING, AND A PICNIC LUNCH.

15. CAMP: SIXTY-ONE BOYS AND GIRLS TOGETHER WITH 3 LEADERS SPENT A WEEK AT JAMESTOWN 4-H CAMP IN AUGUST. SWIMMING, DANCE, CORAL SINGING, HANDICRAFT, FORESTRY AND GARDEN LEADERSHIP WERE AMONG THE ACTIVITIES. THREE BOYS ATTENDED POULTRY CAMP AND RECEIVED TRAINING IN POULTRY JUDGING AND CONSUMPTIVE DEMONSTRATIONS.

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16. ACHIEVEMENT DAYS: THE HENRICKS ACHIEVEMENT DAY AND HARVEST SHOW WAS HELD IN SEPTEMBER ON THALIMERS ROOF GARDEN. APPROXIMATELY 200 4-H'ERS AND FRIENDS ATTENDED. THE PROGRAM WAS CONDUCTED BY THE PRESIDENT OF THE 4-H COUNCIL. MEMBERS OF THE HONOR CLUB PLANNED THE PROGRAM, SERVED ON THE REGISTRATION COMMITTEE AND WERE IN CHARGE OF THE PLACEMENT OF EXHIBITS.

THE PROGRAM CONSISTED OF A PARADE OF ACHIEVEMENTS COVERING THE ACTIVITIES AND PROJECT WORK 4-H'ERS HAD TAKEN PART IN DURING THE YEAR AND SEVERAL MUSICAL SELECTIONS BY THE HIGHLAND SPRINGS BAND WHICH WAS AT JAMESTOWN CAMP FOR FIVE WEEKS THIS SUMMER.

THERE WERE MORE THAN 100 ENTRIES IN THE TWELVE CLASSES INCLUDING FRESH, STORED, AND CANNED VEGETABLES, BAKED PRODUCTS, SEWING, LAUPS, RUGS, FLOWER ARRANGEMENTS, INSECT COLLECTIONS, AND RECORDS. FIFTY DOLLARS IN PRIZES WERE AWARDED BY THALIMERS AS WELL AS A GRAND PRIZE TO THE BOY AND GIRL WINNING THE HIGHEST NUMBER OF INDIVIDUAL AWARDS.

VII USDA COUNCIL

PRODUCTION GOAL MEETINGS WERE NOT HELD DURING THE PAST YEAR IN THE 6 COMMUNITIES. IN THE PAST, THE MEETINGS WERE POORLY ATTENDED. THE LOCAL PRODUCTION AND MARKETING ADMINISTRATION COMMITTEE SENT THESE GOALS TO THOSE PARTICIPATING IN THE PROGRAM.

VIII COOPERATION WITH PRODUCTION-MARKETING ADMINISTRATION

THE COUNTY OFFICE OF THE PMA IS NOT LOCATED WITH THE COUNTY EXTENSION OFFICE. THE COUNTY AGENT DOES NOT DO DETAILED WORK WITH THIS ORGANIZATION. THE AGENT ATTENDS THE COUNTY COMMITTEE MEETINGS AND ASSIST WITH ALL EDUCATIONAL MEETINGS PERTAINING TO PMA. DURING THE YEAR, THE COUNTY AGENT EXPLAINS THE SET UP AND THE FUNCTIONING OF THE PMA TO VARIOUS FARMERS AND INDIVIDUALS. COOPERATION WITH THE PMA IS EXTREMELY CORDIAL AND ALL ASSISTANCE RENDERED POSSIBLE FOR THE SUCCESS OF PMA.

IX COOPERATION WITH CREDIT AND LOANING AGENCIES

THE COUNTY AGENT GIVES INFORMATION TO VARIOUS FARMERS IN REGARDS TO THE CREDIT AGENCIES LOCATED HERE IN THE CITY AND REFERS THEM TO THE ASSOCIATIONS FOR FURTHER ADVICE AND HELP. THE AGENT DOES NOT ASSIST THE CREDIT AGENCIES OTHER THAN INFORMING THE FARMERS OF WHAT THEY HAVE TO OFFER IN THE LINE OF FARM CREDIT. THE AGENT IS NOT CALLED UPON TO ASSIST LOCAL CREDIT AGENCIES SINCE THEY ARE WELL ORGANIZED.

X COOPERATION WITH FARMERS HOME ADMINISTRATION

THIS OFFICE COOPERATES VERY CLOSELY WITH FARMERS HOME ADMINISTRATION. THE AGENT ATTENDS THE FHA COMMITTEE MEETINGS FOR THE COUNTY. ANY INFORMATION IN REGARDS TO FEDERALIZATION BEING VARIETIES ARE SENT TO THE COUNTY SUPERVISOR FOR FHA. THE FHA USES EXTENSION RECOMMENDATIONS WHENEVER NEEDED. THERE 132 LOANS IN THE COUNTY OF HENRICKS.

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XI COOPERATION WITH DISTRICT SOIL CONSERVATION PROGRAM

THE SCS PLANNING TECHNICIAN HAS HIS OFFICE IN THE COUNTY AGENT'S OFFICE. THE COOPERATION IS EXTREMELY GOOD. RECOMMENDATIONS MADE IN FARM PLANNING ARE USUALLY DISCUSSED AND WORKED OUT FOR THE BEST POSSIBLE ADVANTAGE FOR THE FARMERS. THE COUNTY AGENT ASSISTS THE SCS TECHNICIAN IN CARRYING TO THE FARMER THE EDUCATIONAL WORK IN REGARDS TO THE ADVANTAGES IN THE SCS PROGRAM. THE COUNTY AGENT IS A MEMBER OF THE JAMES RIVER SOIL CONSERVATION DISTRICT BOARD OF SUPERVISORS AND WORKS VERY CLOSELY WITH THE SOIL CONSERVATION PROGRAM IN THIS DISTRICT. THE SCS PROGRAM HAS BEEN OF A TREMENDOUS HELP TO THE EXTENSION SERVICE IN THE COUNTY. MANY RECOMMENDED PRACTICES HAVE BEEN PUT INTO OPERATION THROUGH FARMERS WORKING WITH THE SOIL CONSERVATION PLANS. THROUGH THE EFFORTS OF BOTH THE SCS AND THE COUNTY AGENT, MECHANICAL WORK IN SOIL CONSERVATION HAS BEEN ACCOMPLISHED. MANY FARMS HAVE CLEARED ACRES FOR PASTURES, DRAINAGE DITCHES HAVE BEEN OPENED, AND 5 FISH PONDS WERE CONSTRUCTED. THE COOPERATION OF THE SCS AND THE EXTENSION SERVICE COULD NOT BE BETTER UNDER ANY CONDITIONS.

XII OTHER MEANS OF REACHING PEOPLE

THE CITY OF RICHMOND IS THE MAIN ATTRACTION FOR THE PEOPLE LIVING IN HENRICKS COUNTY. THERE IS VERY LITTLE INTEREST IN COMMUNITY MEETINGS. THE FARMERS IN THE COUNTY LOOK TO THE COUNTY AGENT AS A TECHNICAL ADVISOR ON VARIOUS FARM PROBLEMS AND EXPECT TO REACH HIM BY TELEPHONE. A GREAT DEAL OF WORK BY THE AGENT IS DONE OVER THE TELEPHONE. LAST YEAR, THIS OFFICE HAS 1712 PHONE CALLS IN WHICH MUCH INFORMATION WAS GIVEN IN REGARDS TO SOIL RECOMMENDATIONS, FERTILIZATION RECOMMENDATIONS, AND OTHER ITEMS OF INTEREST TO THE FARMER. MANY CALL THIS OFFICE ASKING FOR PLANTING PROCEDURES FOR A PARTICULAR CROP AND A VISIT ON THIS FARM USUALLY FINDS THOSE PRACTICES CARRIED OUT. THE TELEPHONE IS A GREAT MEDIUM IN CARRYING TO THE FARMER TIMELY INFORMATION WHEN NEEDED. IT IS A VERY EFFECTIVE WEAPON IN GIVING TO THE FARMER THE INFORMATION HE NEEDS IMMEDIATELY.

THE RADIO IS USED WEEKLY IN CARRYING TIMELY INFORMATION TO PEOPLE IN THIS COUNTY. THERE ARE APPROXIMATELY 1000 FARMS WITH RADIOS. A TEN MINUTE PROGRAM EACH MONDAY IS DEVOTED TO INFORMATION WHICH MAY BE OF HELP TO THE PRODUCERS IN HENRICKS. ALL INFORMATION IS BASED ON TIMELY SUBJECTS TO COINCIDE WITH THE WORK THAT MAY BE PLANNED IN THE NEXT FEW DAYS. IT IS HARD TO ESTIMATE THE EFFECTIVENESS OF THE RADIO PROGRAM BUT MANY TELEPHONE CALLS ARE RECEIVED PERTAINING TO THE INFORMATION WHICH HAS BEEN GIVEN. DURING THE YEAR, THE TIME FOR THIS PROGRAM WAS CHANGED FROM 12:20 P.M. TO 6:15 IN THE MORNING. IT IS BELIEVED BY THIS CHANGE THE EFFECTIVENESS HAS BEEN CUT SINCE REFERRED TO THE PROGRAMS HAVE NOT BEEN AS NUMEROUS. REGARDLESS OF THE CHANGE, WE DO THINK THE REGULAR RADIO PROGRAMS ARE OF A GREAT HELP. HOWEVER, THE TIME ELEMENT HAS A GREAT DEAL TO DO IN THE NUMBER OF PEOPLE REACHED. THE COUNTY AGENT'S OFFICE CONDUCTED 56 RADIO TALKS DURING THE PAST YEAR.

THE FEED AND SEED DEALERS GIVE A GREAT DEAL OF HELP IN PUTTING ACROSS EXPERIMENT STATION RECOMMENDATIONS AS TO VARIETIES ADAPTED TO THIS COUNTY. ALSO, FERTILIZATION RECOMMENDATIONS AND FEEDING PRACTICES HAVE BEEN GIVEN THROUGH THESE COMPANIES. FEED AND SEED DEALERS ARE IN A POSITION TO GIVE EDUCATIONAL PRACTICES TO THE BUYERS OF FARM SEEDS AND FERTILIZERS.

THE COUNTY AGENT'S OFFICE HAS EXCELLENT DAILY NEWSPAPER COVERAGE. THE NEWSPAPERS ARE EXTREMELY VALUABLE TO THE EXTENSION SERVICE. WE DO KNOW THAT THE PAPER COVERAGE IN THE COUNTY IS VERY GOOD AND THAT MANY ARTICLES ARE READ BY THE FARMERS. THEY OFTEN MAKE COMMENTS ON AN ARTICLE THEY HAVE SEEN. THE NEWSPAPER IS EXTREMELY HIGH FOR DISSEMINATING INFORMATION TO THE FARMER. THE COUNTY AGENT'S OFFICE PUBLISHED 65 NEWS ARTICLES DURING THE PAST YEAR. ARTICLES ARE TIMELY AND DEFINITE INFORMATION IS USUALLY GIVEN. REPORTERS CALL BY THIS OFFICE DAILY.

XIII EVALUATION

IT IS BELIEVED THAT THIS YEAR'S WORK HAS BEEN MOST FRUITFUL. THE COUNTY AGENT IS INVOLVED IN MANY PHASES OF WORK DEALING WITH AGRICULTURE. IT IS FELT THAT THERE IS A CLEAR LIST OF ACCOMPLISHMENTS ACHIEVED DURING THE PAST YEAR.

4-H CLUB ENROLLMENT INCREASED ABOUT 30 PER CENT OVER THE PRECEDING YEAR.

THE NEED FOR PROJECTS FOR THOSE BOYS AND GIRLS WHO ARE NOT IN A POSITION TO CARRY THE CONVENTIONAL AGRICULTURAL PROJECT HAS BEEN MET.

AGRONOMY---DEFINITE RESULTS HAVE BEEN RECEIVED THROUGH THE CORN HYBRID VARIETY DEMONSTRATIONS. MORE FARMERS ARE GROWING CORN HYBRIDS AS A RESULT OF THESE DEMONSTRATIONS. MORE SUPPLEMENTARY PASTURES HAVE BEEN PLANTED THROUGH THE EFFORTS OF THIS OFFICE AND THE SCS. MORE RECOMMENDED VARIETIES OF WHEAT HAVE BEEN PLANTED. THIS OFFICE RECEIVED MANY CALLS IN REGARDS TO THE RECOMMENDED VARIETIES. A LARGE PART OF THE SOYBEANS HAVE BEEN PLANTED WITH THE OGDEN VARIETY.

DAIRY---GREATER QUALITY HAY IS BEING PRODUCED BY MORE OF THE DAIRIES PUTTING IN HAY DRIERS. THOSE WHO HAVE THEM ARE WELL SOLD ON THIS METHOD OF CURING HAY. A FARMER TOLD ME THE OTHER DAY, WHO HAS TWO DRIERS, THAT HE TOOK HIS COWS OFF HIS SUPPLEMENTARY PASTURE AND IN FEEDING HIS NOW CURED ALFALFA HAY HE HELD HIS MILK PRODUCTION UP. GREATER INTEREST IS BEING SHOWN IN THE DHIA RESULT DEMONSTRATIONS.

LIVESTOCK---THRIFTIER HOGS HAVE BEEN PRODUCED AT CHEAPER COST THROUGH THE USE OF SODIUM FLUORIDE IN INTERNAL PARASITE CONTROL. BETTER FEEDING METHODS HAVE BEEN NOTED.

POULTRY---CONTROL OF THE NEW CASTLE DISEASE THROUGH THE USE OF VACCINES IS HELPING THE POULTRY INDUSTRY. ALSO, THE CONTROL OF COCCIDIA WITH FURTHER USE OF SULFUR QUANASINE HAS SAVED THE GROWERS MANY DOLLARS.

TRENDS

FURTHER DEVELOPMENT OF HOUSING AREAS IN HENRICO COUNTY WILL INCREASE THE MANY PROBLEMS OF THIS OFFICE IN REGARDS TO PART-TIME FARMING. THE SERVICE OF THE EXTENSION OFFICE WILL BE INCREASED TREMENDOUSLY IN GIVING INFORMATION TO PEOPLE IN THESE NEW DEVELOPMENTS IN REGARDS TO HOME GARDENS, PLANTING AND CARE OF LAWNS, ORNAMENTAL SHRUBS, AND INSECT CONTROL.

THE JAPANESE BEETLE WILL BE AN EVEN GREATER MENACE TO FARM CROPS DURING THE YEAR OF 1949 AND MORE POSITIVE MEASURES WILL HAVE TO BE TAKEN BY THE COUNTY DURING THE NEXT YEAR TO PREVENT A TREMENDOUS LOSS ON THE FARM CROPS.

POULTRY---IT IS BELIEVED THERE WILL BE LITTLE CHANGE IN THE POULTRY PRODUCED IN THE COUNTY WITHIN THE NEXT YEAR. IT IS BELIEVED A CHANGE IN THE FEEDING PRACTICES IN REGARDS TO PRODUCING HEALTHY PULLETS WILL BE MORE NOTICEABLE THROUGH THE EDUCATIONAL PROGRAM IN THIS OFFICE. THERE IS A TENDENCY OF 4-H CLUB MEMBERS TO LEAN TOWARDS MORE BROILER PRODUCING.

BEEF CATTLE---THERE WILL BE SOME INCREASE IN BEEF CATTLE WITHIN THE NEXT YEAR. IT IS BELIEVED MORE PURE BRED HERDS WILL BE STARTED AND LESS COMMERCIAL HERDS. MORE ATTENTION WILL BE GIVEN TO GOOD PASTURES AND PLENTY OF GOOD HAY FOR WINTER.

SWINE---PRODUCTION OF SWINE WILL REMAIN ABOUT THE SAME DURING THE NEXT 12 MONTHS.

SHEEP---THERE IS A GREAT NEED FOR SHEEP IN HENRICO COUNTY BUT ONE PROBLEM MUST BE SOLVED BEFORE MORE SHEEP CAN BE BROUGHT INTO THIS AREA. I REFER TO THE BOO PROBLEM.

AGRICULTURE---DURING THE NEXT YEAR THERE WILL BE A COMPLETE CHANGE IN THE VARIETIES OF SEED PLANTED. IT IS EXPECTED MORE LADINO CLOVER PASTURES WILL BE PLANTED. ALSO, MORE SUPPLEMENTARY PASTURES WILL BE PUT INTO THE PASTURE SYSTEM. PRODUCTION OF VEGETABLES WILL PROBABLY BE ABOUT THE SAME AS LAST YEAR. THE LABOR SITUATION IS A LITTLE MORE STABLE THAN DURING THE LAST YEAR.

4-H CLUB---THE 4-H CLUB ENROLLMENT WILL INCREASE DURING THE NEXT YEAR.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
AGENTS' ANNUAL REPORT

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

Extension Service
Washington, D. C.

COMBINED ANNUAL REPORT OF COUNTY EXTENSION WORKERS

This report form is for use by county extension agents in making a combined statistical report on all extension work done in the county during the year. Agents resigning during the year should make out this report before quitting the service.

State Virginia County Henrico

REPORT OF

- Mrs. Frances G. Phillips From Dec. 1, 1947, to Nov. 30, 1948
(Name) *Home Demonstration Agent.*
- Miss Betty L. Gibson From Dec. 1, 1947, to Nov. 30, 1948
Assistant Home Demonstration Agent.
- Curtis C. Mast From Dec. 1, 1947, to July 31, 1948
County Agent in Charge of 4-H Club Agent.
- Guy B. Davis From Dec. 1, 1947, to Aug. 31, 1948
Assistant Agricultural Agent.
- Guy B. Davis From Sept. 1, 1948, to Nov. 30, 1948
Assistant Agricultural Agent.



READ SUGGESTIONS, PAGES 2 AND 16

Approved: _____
Date: _____
State Extension Director

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

1. **Good reasons may be listed as to why an extension worker should prepare a comprehensive annual report.**
- The annual report is an accounting to the taxpaying public of what the extension worker has accomplished during the year.
 - It is a record of the year's work put into shape for ready reference in later years by the extension worker himself, or by his successors.
 - The annual report affords the extension worker opportunity to place his activities and accomplishments before superior officers, who form judgment as to which workers are deserving of promotion or best qualified to fill responsible positions when vacancies occur.
 - The inventory of the past year's efforts and accomplishments enables the extension worker to plan more effectively for the coming year.
 - An accurate report of his work is a duty every scientific worker owes to the other members of his profession.
 - Annual reports are required by Federal law.

From four to six copies of the annual report should be made, depending upon the number required by the State office: One copy for the county officials, one copy for the agent's files, one or more copies for the State extension office, and one copy for the Extension Service, United States Department of Agriculture. The report to the Washington office should be sent through the State extension office.

NARRATIVE SUMMARY

A separate narrative report is desired from the leader of each line of work, such as county agricultural agent, home demonstration agent, boys' and girls' club agent, and Negro agent. Where an assistant agent has been employed during a part or all of the year, the report of his or her work should be included with the report of the leader of that line of work. Where an agent in charge of a line of work has quit the service during the year, the information contained in his or her report should be incorporated in the annual report of the agent on duty at the close of the report year, and the latter report so marked.

The narrative report should summarize and interpret under appropriate subheadings the outstanding results accomplished in helping rural people to solve their current problems and to make adjustments to changing economic and social conditions.

- A good narrative report should enable the reader to obtain a comprehensive picture of—
1. What was attempted—the program as outlined at the beginning of the year.
 2. How the work was carried on—the teaching methods employed.
 3. The cooperation obtained from other extension workers, rural people, commercial interests, and other public agencies.
 4. Definite accomplishments, supported by objective evidence.
 5. Significance of the year's progress and accomplishments in terms of better agriculture, better homemaking, improved boys and girls, better rural living, etc.
 6. How next year's work can be strengthened and improved in light of the current year's experience.

The following suggestions are for those agents who wish to prepare a better annual report than the one submitted last year:

1. Read the definitions of extension terms on the last page of this schedule.
2. Read last year's annual report again, applying the criteria for a good annual report discussed above.
3. Prepare an outline with main headings and subheadings.
4. Go over the information and data assembled from various office sources.
5. Decide upon a few outstanding pieces of work to receive major emphasis.
6. Employ a newspaper style of writing, placing the more important information first.
7. Observe accepted principles of English composition.
8. Include only a few photographs, news articles, circular letters, or other exhibits to illustrate successful teaching methods. Do not make the annual report a scrapbook.

STATISTICAL SUMMARY

Where two or more agents are employed in a county they should submit a single statistical report showing the combined activities and accomplishments of all county extension agents employed in the county during the year. Negro men and women agents should prepare a combined statistical report separate from that of the white agents.

Provision is made in the report form for each agent to report separately the teaching activities he or she conducts or participates in during the report year. County totals are the sum of the activities of all agents minus duplications where two or more agents engage in the same activity. For purposes of reporting, extension results or accomplishments are expressed in numbers of farmers or families assisted in making some improvement or definitely influenced to make a change. Such an improvement or change may be the outcome of any phase of the program for men, women, older rural youth, or 4-H Club boys and girls. Only the improvement or change taking place during the current year as the result of extension effort should be reported. Census type of information on the status of farm and home practices should not be included. For use on the national level the statistical data on the year's extension activities and accomplishments must be expressed in somewhat broad and general terms. Each State extension service may desire to include in a statistical supplement additional information on problems and activities peculiar to the State or sections of the State.

GENERAL ACTIVITIES

Report only this year's activities that can be verified		Farm demonstration agents (a)	4-H Club Agents (b)	Agricultural Agents (c)	County total (d)	
1. Months of service this year (agents and assistants)		25		20	XXXXXX	
2. Days devoted to work with adults		306		240	XXXXXXXX	
3. Days devoted to work with 4-H Clubs and older youth		262		234	XXXXXXXX	
4. Days in office		180		111	XXXXXXXX	
5. Days in field		388		362	XXXXXXXX	
6. Number of farm or home visits made in conducting extension work		545		947	1492	
7. Number of different farms or homes visited		339		315	654	
8. Number of calls relating to extension work	(1) Office	89		555	644	
	(2) Telephone	1382		1712	3094	
9. Number of news articles or stories published		87		63	150	
10. Number of bulletins distributed		2121		527	2648	
11. Number of radio talks broadcast or prepared for broadcasting	(a) Number	51		56	107	
	(b) Total attendance	9			9	
12. Training meetings held for local leaders or committeemen	(1) Adult work	(a) Number			4	
		(b) Total attendance	4		200	
	(2) 4-H Club and older youth	(a) Number	200		6	6
		(b) Total attendance	6			77
13. Method demonstration meetings held. (Do not include the method demonstrations given at leader training meetings reported under Question 12.)	(1) Adult work	(a) Number		54	206	
		(b) Total attendance	152		173	1915
	(2) 4-H Club and older youth	(a) Number	1742		131	232
		(b) Total attendance	101		2904	5174
14. Number of adult result demonstrations conducted	(a) Number	2270		40	70	
	(b) Total attendance	30		4	4	
15. Meetings held at such result demonstrations	(1) Adult work	(a) Number		45	45	
		(b) Total attendance	8		8	
	(2) 4-H Club and older youth	(a) Number	124		1	124
		(b) Total attendance	1			1
16. Tours conducted	(1) Adult work	(a) Number	237		237	
		(b) Total attendance	1		1	
	(2) 4-H Club and older youth	(a) Number	184		1	184
		(b) Total attendance	1		1	1
17. Achievement days held	(a) Number	200		200	200	
	(b) Total attendance					

1 Includes assistant county agent in charge of 4-H Club work or who devotes practically full time to club work.
 2 County total should equal sum of preceding three columns minus duplications due to two or more agents participating in same activity or accomplishment.
 3 The sum of questions 2 and 3 should equal the sum of questions 4 and 5.
 4 Do not count a single visit to both the farm and home as two visits.
 5 Do not count items relating to notices of meetings only.

GENERAL ACTIVITIES—Continued

Report only this year's activities that can be verified				Home demonstration agents (a)	4-H Club agents ¹ (b)	Agricultural agents (c)	County total ² (d)
18.	Encampments held (report attendance for your county only) ³	(1) Farm women	(a) Number..... (b) Total members attending	1 30			1 30
		(2) 4-H Club and older youth	(a) Number..... (b) Total boys attending (c) Total girls attending (d) Total others attending	2 44 3	2 23		2 44 3
19.	Other meetings of an extension nature participated in by county or State extension workers and not previously reported.	(1) Adult work	(a) Number..... (b) Total attendance	33 3125		84 6682	117 9807
		(2) 4-H Club and older youth	(a) Number..... (b) Total attendance	80 3032			80 3032
20.	Meetings held by local leaders or committeemen not participated in by county or State extension workers and not reported elsewhere.	(1) Adult work	(a) Number..... (b) Total attendance	21 344			21 344
		(2) 4-H Club and older youth	(a) Number..... (b) Total attendance				

¹ Includes assistant county agent in charge of 4-H Club work as who devotes practically full time to club work.

² County total should equal sum of preceding three columns minus duplications due to two or more agents participating in same activity or accomplishment.

³ Does not include picnics, rallies, and short courses, which should be reported under question 19.

SUMMARY OF EXTENSION INFLUENCE THIS YEAR

It is highly desirable for extension workers to consider the proportion of farms and homes in the county that have been definitely influenced to make some substantial change in farm or home operations during the report year as a result of the extension work done with men, women, and youth. It is recognized that this information is very difficult for agents to report accurately, so a conservative estimate based upon such records, surveys, and other sources of information as are available will be satisfactory.

21.	Total number of farms in county (1945 census)	1311
22.	Number of farms on which changes in practices have definitely resulted from the agricultural program	378
23.	Number of farms involved in preceding question which were reached this year for the first time	31
24.	Number of nonfarm families making changes in practices as a result of the agricultural program	226
25.	Number of farm homes in which changes in practices have definitely resulted from the home demonstration program	809
26.	Number of farm homes involved in preceding question that were reached this year for the first time	157
27.	Number of other homes in which changes in practices have definitely resulted from the home demonstration program	382
28.	Number of other homes involved in preceding question that were reached this year for the first time	93
29.	Number of farm homes with 4-H Club members enrolled	223
30.	Number of other homes with 4-H Club members enrolled	510
31.	Total number of different farm families influenced by some phase of the extension program. (Include questions 22, 23, and 29 minus duplications)	916
32.	Total number of different other families influenced by some phase of the extension program. (Include questions 24, 27, and 30 minus duplications)	609

CERESE V. HALL

16-50111-9

EXTENSION ORGANIZATION AND PLANNING

FD-302 (4-54)

33. County extension association or committee (includes agricultural councils, home demonstration councils, and 4-H councils or similar advisory committees; also farm and home bureaus and extension associations in those States where such associations are the official or quasi-official agency in the county cooperating with the college in the management or conduct of extension work):
- (a) Over-all or general: (1) Name Henrico Agricultural Planning Board (2) No. of members 7
 - (b) Agricultural: (1) Name Henrico Agricultural Board (2) No. of members 5
 - (c) Home demonstration: (1) Name Home Demonstration Committee (2) No. of members 34
 - (d) 4-H Club: (1) Name Henrico 4-H Club Council (2) No. of members 64
 - (e) Older youth: (1) Name 4-H Honor Club (2) No. of members 17
34. Number of members of county extension program planning committees and subcommittees (include commodity and special-interest committees):
- (a) Agricultural 5 (b) Home demonstration 29 (c) 4-H Club 64 (d) ~~Older Youth~~ Honor Club 4
35. Total number of communities in county. (Do not include number of neighborhoods.) 6
36. Number of communities in which the extension program has been planned cooperatively by extension agents and local committees 6
37. Number of clubs or other groups organized to carry on adult home demonstration work 17
38. Number of members in such clubs or groups 492
39. (a) Number of 4-H Clubs. (See question 173.) (b) Number of groups (other than 4-H Club) organized for conduct of extension work with older rural youth. (See question 185.) 16 XXXXXXXXXX
40. Number of rural youth and community leaders in the neighborhood-leader system Men _____ Women _____
41. Number of different voluntary local leaders, committeemen, or neighborhood leaders actively engaged in forwarding the extension program.
- (a) Adult work: (1) Men _____ (2) Women 153 (b) 4-H Club and older youth work: (1) Men _____ (2) Women 11 (3) Older club boys 7 (4) Older club girls 10

COOPERATIVE AGRICULTURAL PLANNING

42. Name of the county agricultural planning (over-all planning) group, if any, sponsored by the Extension Service Henrico Agricultural Planning Board
43. Number of members of such county agricultural planning group:
- (a) Unpaid lay members: (1) Men 3 (2) Women 2 (3) Youth 336
 - (b) Paid representatives of public agencies or other agencies, or of organizations: (1) Men _____ (2) Women _____
44. Number of communities with agricultural planning committee (over-all planning) _____
45. Number of members of such community planning committees: (a) Men _____ (b) Women _____ (c) Youth _____
46. Was a county committee report prepared and released during the year? (a) Yes _____ (b) No _____

	Extension organization and planning ¹				County agricultural planning ²	Total ³
	(a)	(b)	(c)	(d)		
47. Days devoted to line of work by:						
(1) Home demonstration agents	0	0	0	0	0	236
(2) 4-H Club agents	0	0	0	0	0	
(3) Agricultural agents	0	0	0	0	0	162
(4) State extension workers	0	0	0	0	0	
48. Number of planning meetings held:						
(1) County	2					2
(2) Community	17					17
49. Number of unpaid voluntary leaders or committeemen assisting this year:						153
(1) Home demonstration agents	3					3
(2) 4-H Club agents	150					150
(3) Agricultural agents	0					0
(4) State extension workers	0					0
50. Days of assistance rendered by voluntary leaders or committeemen:						
(1) Home demonstration agents	0					0
(2) 4-H Club agents	153					153
(3) Agricultural agents	0					0
(4) State extension workers	0					0

¹ Where extension program planning and county agricultural planning (over-all planning) have been completely merged into a single program-planning activity, only column (c) should be filled out. Where extension program planning is the only planning activity, the entries in columns (a) and (c) will be identical. In all other cases column (d) is the sum of columns (a) and (c).

CROP PRODUCTION (other than for family food supply)

Include all work with adults, 4-H Club members, and older youth	Corn	Wheat	Other cereals	Legumes	Pastures	Cotton	Tobacco	Potatoes and other vegetables	Fruits	Other crops
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
51. Days devoted to line of work by—										
(1) Home demonstration agents										
(2) 4-H Club agents										
(3) Agricultural agents	40	6	18	8	10	0	0	14	1	0
(4) State extension workers										
52. Number of communities in which work was conducted this year	6	6	6	6	6	0	0	6	2	0
53. Number of voluntary local leaders or committeemen assisting this year	1	1	1	1	1					
54. Number of farmers assisted this year is—										
(1) Obtaining improved varieties or strains of seed	310	18	71	16	41					
(2) The use of lime	62	6		161	11					
(3) The use of fertilizers	199	83	102	59	67					201
(4) Controlling plant diseases	11	21	52	45				361		198
(5) Controlling injurious insects	59			25				420		215
(6) Controlling noxious weeds										170
(7) Controlling rodents and other animals	26	19	12					62		11

LIVESTOCK PRODUCTION (other than for family food supply)

Include all work with adults, 4-H Club members, and older youth	Dairy cattle	Beef cattle	Sheep	Swine	Horses and mules	Poultry (including turkeys)	Other livestock ¹
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
55. Days devoted to line of work by—							
(1) Home demonstration agents							
(2) 4-H Club agents							
(3) Agricultural agents	60	30	3	15	1	74	11
(4) State extension workers							
56. Number of communities in which work was conducted this year	6	4	2	6	2	6	6
57. Number of voluntary local leaders or committeemen assisting this year	2	1				3	
58. Number of breeding circles or clubs or improvement associations organized or assisted this year	1	1				1	
59. Number of members in such circles, clubs, or associations	150	125				3200	49
60. Number of farmers not in breeding circles or improvement associations assisted this year in keeping performance records of animals	19	6		3		51	18
61. Number of farmers assisted this year in—							
(1) Obtaining purebred males	3	2	1	2		6	5
(2) Obtaining purebred or high-grade females	19	1		4			11
(3) Obtaining better strains of baby chicks (including hatching eggs)	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	281	xxxxx
(4) Improving methods of feeding	42	8	1	61		372	21
(5) Controlling external parasites	39	10		11		78	12
(6) Controlling diseases and internal parasites	4	1		69		91	3
(7) Controlling predatory animals			1			29	17

¹ Do not include rabbits, game, and fur animals, which should be reported under wildlife.

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U.S. GOVERNMENT PRINTING OFFICE: 1954 O-56774-6
 CONSERVATION OF NATURAL RESOURCES
 This report was prepared by the Agricultural Research Service, U.S. Department of Agriculture, under the direction of the Chief, Conservation Research, and the assistance of the following specialists and their assistants:

CONSERVATION OF NATURAL RESOURCES

Soil and Water—Continued		Forestry—Continued		Wildlife
		(a)	(b)	(c)
62. Days devoted to line of work by—				
(1) Home demonstration agents				
(2) 4-H Club agents				
(3) Agricultural agents				
(4) State extension workers				
63. Number of communities in which work was conducted this year				
64. Number of voluntary local leaders or committeemen assisting this year				
65. Number of farmers assisted this year—				
(a) With problems of land use				
(b) In the use of crop rotations				
(c) With strip cropping				
(d) In constructing terraces				
(e) In grassing waterways or otherwise preventing or controlling gullies				
(f) With contour farming of cropland				
(g) In contouring pasture or range				
(h) In the use of cover or green-manure crops				
(i) In otherwise controlling wind or water erosion				
(j) In summer-fallowing				
(k) In making depth-of-moisture tests				
(l) With drainage				
(m) With irrigation				
(n) With land clearing				
66. Number of farmers—				
(a) In soil-conservation districts which were assisted with education for organization or operations this year				
(b) Assisted in arranging for farm-conservation plans this year				
(c) Assisted in doing work based on definite farm-conservation plans this year				
67. Number of farmers assisted this year—				
(a) In reforesting new areas by planting with small trees. (Include erosion-control plantings)				
(b) In making improved thinnings, weedings or pruning of forest trees				
(c) With selection cutting				
(d) With production of naval stores				
(e) With production of maple-sirup products				
(f) In timber estimating and appraisal				
68. Number of farmers cooperating this year in prevention of forest fires				
69. Number of farmers assisted this year—				
(a) In construction or management of ponds for fish				
(b) In protection of wildlife areas, such as stream banks, odd areas, field borders, marshes, and ponds, from fire or livestock				
(c) In planting of edible wild fruits and nuts in hedges, stream banks, odd areas, and field borders				
(d) With other plantings for food and protection in wild-life areas				

¹ Include nature study.

16-56774-6

FARM MANAGEMENT

Include all work with adults, 4-H Club members, and older youth		Farm accounts, cost records, inventories, etc.	Individual farm planning, adjustments, ¹ tenancy, and other management problems	Farm credit (short and long time)	Outlook information
		(a)	(b)	(c)	(d)
70. Days devoted to line of work by—	(1) Home demonstration agents (2) 4-H Club agents (3) Agricultural agents (4) State extension workers	25 22 37	0	2	0
71. Number of communities in which work was conducted this year			6		
72. Number of voluntary local leaders or committeemen assisting this year					
73. Number of farm-survey records taken during the year:	(a) Farm business (b) Enterprise (c) Other		75. Number of farmers assisted this year—Continued		
74. Number of farmers assisted this year in keeping—	(a) Farm inventory (b) General farm records (c) Enterprise records		(e) In getting started in farming, or in re-locating		15
75. Number of farmers assisted this year—	(a) In developing a farm plan only (b) In developing a farm and home plan (c) In analyzing the farm business (d) In improving landlord-tenant relations and leasing arrangements	21 14	(f) With credit problems (debt adjustment and financial plans) (g) In using "outlook" to make farm adjustments		46
			(h) With a farm-income statement for tax purposes (i) With farm-labor problems (j) In developing supplemental sources of income		26

GENERAL ECONOMIC PROBLEMS RELATED TO AGRICULTURE

Include all work with adults, 4-H Club members, and older youth		Price and trade policies (prices, international trade, interstate trade barriers, transportation, interregional competition, etc.)	Land policy and programs (classification of land, zoning, tenancy, land development, settlement, public-land management, etc.)	Public finance and services (taxation, land government, facilities such as roads and schools for rural areas, etc.)	Rural welfare (rural-urban relationships, part-time farming, problems of people in low-income areas, migration, population adjustments, rural works programs, etc.)
		(a)	(b)	(c)	(d)
76. Days devoted to line of work by—	(1) Home demonstration agents (2) 4-H Club agents (3) Agricultural agents (4) State extension workers				
77. Number of communities in which work was conducted this year					
78. Number of voluntary local leaders or committeemen assisting this year					
79. Number of tours conducted this year to observe economic and social conditions in various land use areas					
80. Number of local groups (town and county officials, school boards, tax collectors, assessors, etc.) assisted this year in discussing problems of local government, public finance, and farming conditions related to these problems					1
81. Number of displaced families assisted this year in finding employment (agricultural and nonagricultural)					1
82. Number of nonagricultural groups to which any of the above economic and social problems have been presented and discussed this year					1

¹ Include all work on farm adjustments conducted in cooperation with AAA and other agencies, and not definitely related to individual crop or livestock production or marketing (pp. 6 and 9) or to soil management (p. 7).

MARKETING AND DISTRIBUTION

83. Days devoted to line of work by—	84. Number of communities in which work was conducted this year.										
	General	Grain and hay	Livestock and wool	Dairy products	Poultry and eggs	Fruits and vegetables	Cotton	Forest products	Tobacco, sugar, rice, and other commodities	Home products and crafts	Purchasing of farm and home supplies and equipment
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	
(1) Home demonstration agents				110						29	3
(2) 4-H Club agents											
(3) Agricultural agents		1									
(4) State extension workers				108							
85. Number of voluntary local leaders or committeemen assisting this year.		1									
86. Number of new cooperatives ¹ assisted in organizing during the year.											
87. Number of established cooperatives ² assisted during the year.											
88. Number of members ³ in the cooperatives assisted during the year (questions 86 and 87).											9
89. Value of products sold or purchased by cooperatives assisted during the year (questions 86 and 87). ⁴	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
90. Number of farmers or families (not members of cooperatives) assisted during the year.											
91. Value of products sold or purchased by farmers or families involved in the preceding question.	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
92. Number of private marketing and distributing agencies and trade groups assisted this year.											
93. Number of programs ⁵ pertaining to marketing agreements, orders, surplus removal or Lend-Lease purchases assisted in or conducted this year.											
94. Number of marketing facilities improvement programs ⁶ participated in or conducted this year.										1	
95. Number of marketing surveys assisted with or conducted this year.											
96. Number of special merchandising programs ⁷ participated in or conducted this year.											
97. Number of consumer information programs ⁸ pertaining to marketing and distribution participated in or conducted this year.											
98. Number of programs ⁹ relating to marketing services and costs of distribution conducted this year.											
99. Number of programs ⁹ relating to transportation problems conducted this year.											
100. Number of programs ⁹ relating to the specific use of market information conducted this year.											
101. Number of other marketing programs ⁹ conducted this year (specify)											

¹ Include livestock, poultry, and hatching eggs purchased for breeding, replacement, or feeding purposes.

² Where a cooperative association serves more than one county, include only the membership and proportionate volume of business originating in the county covered by this report.

³ Organized pieces of work.

1. This report is prepared by the county agent or his representative, and is based on information furnished by the farmers and other persons who have been interviewed. It is not intended to be a statistical report, but a summary of the work done during the year.

HOUSING, FARMSTEAD IMPROVEMENT, AND EQUIPMENT				
Include all work with adults, 4-H Club members, and older youth				
	The house, furnishings, and surroundings (a)	Rural electrification (b)	Farm buildings (c)	Farm mechanical equipment (d)
102. Days devoted to line of work by:				
(1) Home demonstration agents	114	3		
(2) 4-H Club agents				
(3) Agricultural agents		1	2	3
(4) State extension workers				
103. Number of communities in which work was conducted this year	6			
104. Number of voluntary local leaders or committeemen assisting this year	72			

The House, Furnishings, and Surroundings—Continued		Rural Electrification—Continued	
105. Number of families assisted this year in—		106. Number of associations organized or assisted this year to obtain electricity	
(a) Constructing dwellings	6	107. Number of families assisted this year in—	
(b) Remodeling dwellings	24	(a) Obtaining electricity	
(c) Installing sewage systems	5	(b) Selection or use of electric lights or home electrical equipment	163
(d) Installing water systems	5	(c) Using electricity for income-producing purposes	2
(e) Installing heating systems	16		
(f) Providing needed storage space	43	Farm Buildings—Continued	
(g) Rearranging or improving kitchens	76	108. Number of farmers assisted this year in—	
(h) Improving arrangement of rooms (other than kitchens)	96	(a) The construction of farm buildings	16
(i) Improving methods of repairing, remodeling, or refinishing furniture or furnishings	226	(b) Remodeling or repairing farm buildings	8
(j) Selecting housefurnishings or equipment (other than electric)	143	(c) Selection or construction of farm-building equipment	6
(k) Improving housekeeping methods	425	Farm Mechanical Equipment—Continued	
(l) Laundry arrangement	72	109. Number of farmers assisted this year in—	
(m) Installing sanitary closets or outhouses	—	(a) The selection of mechanical equipment	23
(n) Screening or using other recommended methods of controlling flies or other insects	843	(b) Making more efficient use of mechanical equipment	9
(o) Improving home grounds	25	110. Number of farmers following instructions in the maintenance and repair of mechanical equipment this year	
(p) Planting windbreaks or shelterbelts	—	111. Number of gin stands assisted this year in the better ginning of cotton	

34 RW

72 RW

NUTRITION AND HEALTH

Include all work with adults, 4-H Club members and older youth		Home production of family food supply (a)	Food preservation and storage (b)	Food selection and preparation (c)	Other health and safety work (d)
112. Days devoted to line of work by:					
(1) Home demonstration agents		3	11	492	7
(2) 4-H Club agents					
(3) Agricultural agents					
(4) State extension workers					
113. Number of communities in which work was conducted this year		6			
114. Number of voluntary local leaders or committeemen assisting this year		38			
115. Number of families assisted this year—		115(g) FOOD PRESERVATION BY ADULTS			
(a) In improving diets	634				
(b) With food preparation	576				
(c) In improving food supply by making changes in home food production ¹ :					
(1) Of vegetables	384				
(2) Of fruits	26				
(3) Of meats					
(4) Of milk					
(5) Of poultry and eggs	48				
(d) With home butchering, meat cutting or curing	82				
(e) With butter or cheese making	24				
(f) With food preservation problems ² :	824				
(1) Canning					
(2) Freezing					
(3) Drying					
(4) Storing					
(g) In producing and preserving home food supply according to annual food-supply budget	396				
(h) In canning according to a budget	74				
(i) With child-feeding problems					
(j) In the prevention of colds and other common diseases	124				
(k) With positive preventive measures to improve health (immunization for typhoid, diphtheria, smallpox, etc.)					
(l) With first-aid or home nursing					
(m) In removing fire and accident hazards	387				
116. Number of schools assisted this year in establishing or maintaining hot school lunches					
117. Number of nutrition or health clinics organized this year through the efforts of extension workers					

	Fruits (a)	Vegetables (b)	Meats and fish (c)
1. Quarts canned	22467	43018	1328
2. Gallons brined			
3. Pounds: Dried ³	139	296	
4. Cured ⁴		50623	
5. Stored		15217	24883
6. Frozen ⁵	7492		625
7. Number of different families represented by the above figures	625		

	Fruits (a)	Vegetables (b)	Meats and fish (c)
1. Quarts canned	441	243	
2. Gallons brined			
3. Pounds: Dried ³			
4. Cured ⁴			
5. Stored			
6. Frozen ⁵	37	69	

¹ Sum of the subitems minus duplications due to families participating in more than one activity.
² Weight of finished product after drying.
³ Weight of product, before curing.
⁴ Includes necks of loaves, plastics and home freezer units.
⁵ Do not include vine-cultured peas and beans.

CLOTHING, FAMILY ECONOMICS, PARENT EDUCATION, AND COMMUNITY LIFE

Include all work with adults, 4-H Club members, and older youth		Home management— family economics (a)	Clothing and textiles (b)	Family relationships—child developments (c)	Recreation and community life ¹ (d)
117	(1) Home demonstration agents	4	83		
118	Days devoted to line of work by—				
	(2) 4-H Club agents				
	(3) Agricultural agents				
	(4) State extension workers				
119	Number of communities in which work was conducted this year	6			
120	Number of voluntary local leaders or committeemen assisting this year	11			
Home Management—Family Economics—Continued		Clothing and Textiles—Continued			
121	Number of families assisted this year with—	127	564		
	(a) With time-management problems	177			
	(b) With home accounts		475		
	(c) With financial planning		77		
	(d) In improving use of credit for family living expenses				
	(e) In developing home industries as a means of supplementing income				
122	Number of home demonstration clubs, other consumer associations or groups assisted this year with cooperative buying of—				
	(a) Food				
	(b) Clothing				
	(c) Housefurnishings and equipment				
	(d) General household supplies				
123	Number of families assisted this year through cooperative associations ² or individually, with the buying of—				
	(a) Food				
	(b) Clothing				
	(c) Housefurnishings and equipment				
	(d) General household supplies				
124	Total number of different families assisted this year with consumer-buying problems (includes question 123 (a), (b), (c), and (d) minus duplications)				
125	Number of families assisted this year with "making versus buying" decisions	116			
126	Number of families assisted this year in using timely economic information to make buying decisions or other adjustments in family living	273			
NOTE.—Individual families and groups assisted with selling problems should be reported in column (f), page 9.					
127	Number of families assisted this year with—				
	(a) Clothing-construction problems				
	(b) The selection of clothing and textiles				
	(c) Care, renovation, remodeling of clothing				
	(d) Clothing accounts or budgets				
Family Relationships—Child Development—Continued		Recreation and Community Life—Continued			
128	Number of families assisted this year—				
	(a) With child-development and guidance problems				
	(b) In improving family relationships				
129	Number of families providing recommended clothing, furnishings, and play equipment for children this year				
130	Number of different individuals participating this year in child-development and parent-education programs: (a) Men				
	(b) Women				
131	Number of children in families represented by such individuals				
132	Number of families assisted this year in improving home recreation				
133	Number of communities assisted this year in improving community recreational facilities				
134	Number of community groups assisted this year with organizational problems, programs of activities, or meeting programs				18
135	Number of communities assisted this year in establishing—				
	(a) Club or community house				
	(b) Permanent camp				
	(c) Community rest rooms				
136	Number of communities assisted this year in providing library facilities				
137	Number of school or other community grounds improved this year according to recommendations				

¹ The house—its arrangement, equipment, and furnishings, including kitchen improvements and care of the home—is reported under "The house, furnishings and surroundings," p. 10.
² Includes question 122, also families buying through marketing cooperatives, organized or assisted, column (b), p. 9.

SUMMARY OF 4-H CLUB BOYS' AND GIRLS' PROJECTS

(One club member may engage in two or more projects. The sum of the projects is therefore greater than the number of different club members enrolled)

Project	Number of boys enrolled (a)	Number of girls enrolled (b)	Number of boys completing (c)	Number of girls completing (d)	Number of units involved in completed projects (e)	
138. Corn	19	0	17	0	19	Acres
139. Other cereals						Acres
140. Peanuts						Acres
141. Soybeans, field peas, alfalfa, and other legumes						Acres
142. Soil and water conservation						Acres
143. Potatoes, Irish and sweet						Acres
144. Cotton						Acres
145. Tobacco						Acres
146. Fruits						Acres
147. Home gardens	135	0	90	0	16 1/16	Acres
148. Market gardens, truck and canning crops						Acres
149. Other crops (including pasture improvement)						Acres
150. Poultry (including turkeys)	57	1	45	1	4439	Birds
151. Dairy cattle	18	1	13	1	15	Animals
152. Beef cattle	6	0	6	0	11	Animals
153. Sheep	1	0	1	0	10	Animals
154. Swine	36	0	22	0	67	Animals
155. Horses and mules						Animals
155a. Rabbits	39	0	22	0	345	Animals
156. Other livestock	3	0	3	0	33	Animals
157. Bees	3	0	0	0	—	Colonies
158. Beautification of home grounds	1	0	1	0	XXXXXXXXXXXXXXXX	
159. Forestry						Acres
160. Wildlife and nature study (game and fur animals)	58	0	27	0	XXXXXXXXXXXXXXXX	
161. Agricultural engineering, farm shop, electricity, tractor						Articles made
162. Farm management						Articles repaired
163. Food preparation, and/or baking	0	190	0	135	1219	Meals planned
164. Food preservation. (Include frozen foods)	0	13	0	11	1523	Meals served
165. Health, home nursing, and first aid					790	Quarts preserved
165a. Child care					XXXXXXXXXXXXXXXX	
166. Clothing	0	471	0	334	672	Garments made
167. Home management (housekeeping)	0	16	0	14	14	Garments remodeled
168. Home furnishings and room improvement	0	75	0	47	14	Units
169. Home industry, arts and crafts					53	Rooms
170. Junior leadership					157	Articles
171. All others					XXXXXXXXXXXXXXXX	
172. Total (project enrollment and completion)	376	767	247	543	XXXXXXXXXXXXXXXX	

111 VII 4-H CLUB MEMBERSHIP

173. Number of 4-H Clubs.....	16
174. Number of different 4-H Club members enrolled in club work—	
(a) Boys.....	363
(b) Girls.....	472
175. Number of different 4-H Club members completing—	
(a) Boys.....	233
(b) Girls.....	343
176. Number of different 4-H Club members in school—	
(a) Boys.....	363
(b) Girls.....	475
177. Number of different 4-H Club members out of school—	
(a) Boys.....	0
(b) Girls.....	0
178. Number of different 4-H Club members from farm homes—	
(a) Boys.....	220
(b) Girls.....	102
179. Number of different 4-H Club members from nonfarm homes—	
(a) Boys.....	137
(b) Girls.....	372

Number of Different 4-H Club Members Enrolled:

180. By years	Boys (a)	Girls (b)	181. By sex	Boys (a)	Girls (b)
1st year.....	195	243	10 and under.....	52	37
2d.....	88	101	11.....	91	160
3d.....	40	61	12.....	97	109
4th.....	25	39	13.....	53	54
5th.....	6	21	14.....	33	36
6th.....	4	8	15.....	21	18
7th.....	3	1	16.....	10	7
8th.....	1	2	17.....	4	3
9th.....	0	0	18.....	2	0
10th and over.....	1	0	19.....	0	1
			20 and over.....	0	0
182. Number of different 4-H Club members, including those in corresponding projects, who received definite training in—					
(a) Judging.....	81		(f) Fire and accident prevention.....	16	
(b) Giving demonstrations.....	42		(g) Wildlife conservation.....	58	
(c) Recreational leadership.....	21		(h) Keeping personal accounts.....		
(d) Music appreciation.....	12		(i) Use of economic information.....		
(e) Health.....			(j) Soil and water conservation.....		
			(k) Forestry.....		
183. Number of 4-H Club members having health examination because of participation in the extension program.....					
184. Number of 4-H Clubs engaging in community activities such as improving school grounds and conducting local fairs.....				175	

WORK WITH OLDER RURAL YOUTH

185. Number of groups (other than 4-H Club) organized for conduct of extension work with older rural youth.....

186. Membership in such groups.....

187. Number of members by school status and age	Out of school			Under 21 years (d)	21-24 years (e)	25 years and older (f)
	In school (c)	Unmarried (b)	Married (e)			
(1) Young men.....						
(2) Young women.....						

188. Number of meetings of older rural youth extension groups.....

189. Total attendance at such meetings.....

190. Number of other older rural youth groups assisted.....

191. Membership in such groups.....

192. Number of older rural youth not in extension or other youth groups assisted.....

193. Total number of different young people contacted through the extension program for older rural youth. (Questions 186, 191, and 192, minus duplications.)

194. Check column showing approximate portion of older youth program devoted to—

	Under 10 percent (a)	10-19 percent (b)	20-39 percent (c)	40 percent or more (d)
(1) Citizenship, democracy, and public problems.....				
(2) Vocational guidance.....				
(3) Family life and social customs.....				
(4) Social and recreational activities.....				
(5) Community service activities.....				
(6) Technical agriculture.....				
(7) Technical home economics, including nutrition and health.....				

1 All data in this section are based on the number of different boys and girls participating in 4-H Club work, not on the number of 4-H projects carried.
 2 Report the total number of different boys or girls enrolled in club work. This total should equal the sum of the project enrollments reported on page 13, minus duplications due to the same boy or girl carrying on two or more subject matter lines of work. Do not include boys and girls enrolled late in the year in connection with the winter-leaf year's program.
 3 Same as footnote 2, except that reference is to completions instead of enrollments.

MISCELLANEOUS
(Report here all work not properly included under any of the headings on preceding pages)

	Days devoted to line of work by—	Home demonstration agents	4-H Club agents	Agricultural agents	State extension workers	Number of communities in which work was conducted this year	Number of voluntary local leaders or committeemen assisting this year
195.	(1) Home demonstration agents						
	(2) 4-H Club agents						
	(3) Agricultural agents						
	(4) State extension workers						
196.	Number of communities in which work was conducted this year						
197.	Number of voluntary local leaders or committeemen assisting this year						

COOPERATION WITH OTHER FEDERAL AGENCIES

The purpose of this report is to bring together in one place the cooperation given other Federal agencies working with the rural people of the county. It is assumed that all such work has been reported previously under appropriate problems of the farm or home.

	Assistance to Veterans	U. S. D. A. Coupsels	Farm Credit Administration	Employment Service	Production and Marketing Administration	Soil Conservation Service	Farmers Home Administration	Rural Electrification Administration	Tennessee Valley Authority	Social Security, Public Health, Children's Bureau	Other Agencies
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
198.	Days devoted to line of work by—										
	(1) Home demonstration agents										
	(2) 4-H Club agents										
	(3) Agricultural agents										
	(4) State extension workers										
199.	Number of communities in which work was conducted this year										
200.	Number of voluntary local leaders or committeemen assisting this year										
201.	Number of meetings participated in this year by extension workers										

Include grasshoppers, armyworms, chinch bugs, and other insects not reported under specific crop or livestock headings.

202.	Number of meetings participated in this year by extension workers										
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TERMINOLOGY

If extension reports are to convey the intended information, it is important that the terminology employed be that generally accepted by members of the extension teaching profession everywhere. Precise use of extension terms is an obligation each extension worker owes to the other members of his or her profession. The following definitions have been approved by the United States Department of Agriculture and by the Association of Land-Grant Colleges and Universities.

DEFINITIONS OF EXTENSION TERMS

1. A *community* is a more or less well-defined group of rural people with common interests and problems. Such a group may include those within a township, trade area, or similar limits. For the purpose of this report, a community is one of the several units into which a county is divided for conducting organized extension work.
2. A *cooperator* is a farmer or homemaker who agrees to adopt certain recommended practices upon the solicitation of an extension worker. The work is not directly supervised by the extension agent, and records are not required, but reports on the success of the practices may be obtained.
3. *Days in field* should include all days spent on official duty other than "days in office."
4. *Days in office* should include time spent by the county extension agent in the office, at annual and other extension conferences, and on any other work directly related to office administration.
5. *Demonstrations* as contemplated in this report are of two kinds—method demonstrations and result demonstrations.

A *method demonstration* is a demonstration given by an extension worker or other trained leader for the purpose of showing how to carry out a practice. Examples: Demonstrations of how to can fruits and vegetables, mix spray materials, and cull poultry.

A *result demonstration* is a demonstration conducted by a farmer, homemaker, boy, or girl under the direct supervision of the extension worker, to show locally the value of a recommended practice. Such a demonstration involves a substantial period of time and records of results and comparisons, and is designed to teach others in addition to the person conducting the demonstration. Examples: Demonstrating that the application of fertilizer to cotton will result in more profitable yields, that underweight of certain children can be corrected through proper diet, that the use of certified seed in growing potatoes is a good investment, or that a large farm business results in a more efficient use of labor.

The adoption of a farm or home practice resulting from a demonstration or other teaching activity employed by the extension worker as a means of teaching is not in itself a demonstration.
6. A *demonstration meeting* is a meeting held to give a method demonstration or to start, inspect, or further a result demonstration.
7. A *result demonstrator* is an adult, a boy, or a girl who conducts a result demonstration as defined above.
8. An *extension school* is a school usually of 2 to 6 days' duration, arranged by the Extension Service, where practical instruction is given to persons not resident at the college.
9. An *extension short course* differs from an extension school in that it is usually held at the college or another educational institution and usually for a longer period of time.
10. A *farm or home visit* is a call by the agent at a farm or home at which some definite information relating to extension work is given or obtained.
11. *Farmers (or families) assisted this year* should include those directly or indirectly influenced by extension work to make some change during the report year as indicated by:
 - (1) Adoption of a recommended practice.
 - (2) Further improvement in a practice previously accepted.
 - (3) Participation in extension activities.
 - (4) Acceptance of leadership responsibility.
 - (5) Or by other evidence of desirable change in behavior.
12. A *4-H Club* is an organized group of boys and/or girls with the objectives of demonstrating improved practices in agriculture or home economics, and of providing desirable training for the members.
13. *4-H Club members enrolled* are those boys and girls who actually start the work outlined for the year.
14. *4-H Club members completing* are those boys and girls who satisfactorily finish the work outlined for the year.
15. A *project leader, local leader, or committeeman* is a person who, because of special interest and fitness, is selected to serve as a leader in advancing some phase of the local extension program. A project leader may be either an organization or a subject-matter leader.
16. A *leader-training meeting* is a meeting at which project leaders, local leaders, or committeemen are trained to carry on extension activities in their respective communities.
17. *Letters written* should include all original letters on official business. (Duplicated letters should not be included.)
18. An *office call* is a call in person by an individual or a group seeking agricultural or home-economics information, as a result of which some definite assistance or information is given. A telephone call differs from an office call in that the assistance or information is given or received by means of the telephone. Telephone calls may be either incoming or outgoing.
19. A *plan of work* is a definite outline of procedure for carrying out the different phases of the program. Such a plan provides specifically for the means to be used and the methods of using them. It also shows what, how much, when, and where the work is to be done.
20. An *extension program* is a statement of the specific projects to be undertaken by the extension agents during a year or a period of years.
21. *Records* consist of definite information on file in the county office that will enable the agent to verify the data on extension work included in this report.
22. The *older rural youth group* is primarily a situation group, out of school, at home on farms, not married or started farming on their own account, and mostly 14 to 25 years of age.