

Oklahoma
Agricultural and Mechanical College
Stillwater, Oklahoma
Extension Division
In Cooperation With
United States Department of Agriculture
W. D. BENTLEY
Director of Extension and State Agent

Annual REPORT OF THE
EXTENSION DIVISION

A. & M. College at Stillwater, Oklahoma
Cooperating with the
United States Department of Agriculture
For the Year 1915

Report of the Extension Division for 1915

I herewith submit the following report for the year ending December 31, 1915, of work done and results accomplished by the Extension Division of the Oklahoma Agricultural and Mechanical College, in cooperation with the United States Department of Agriculture.

The county agent plan of conducting agricultural college extension work in Oklahoma has proven very satisfactory during the year 1915. We believe the results obtained and the progress made during 1915 more than justify the action of the State Legislature in meeting the terms of the Federal Smith-Lever Law, and the State Board of Agriculture in making the county agent the leading and most important feature of the A. and M. College Extension work.

A vigorous attempt will be made during 1916 to place a county agent in every county in the State, and also, as far as possible, a woman agent assistant in each county to have charge of home economics work for women and girls.

The plan of having in each county personal representatives of the Agricultural and Mechanical College and the United States Department of Agriculture, always at the service of the farmers and their families, to help them solve their farm and household problems, and to assist in all public welfare movements, is the best system that is possible, and meets the approval of those familiar with the work.

The zeal and earnestness with which most agents, both men and women, devote their very best efforts to the work of building up and making better rural conditions in their respective counties proves the soundness of the plan of work.

It remains for those in charge of the work to select for agents only efficient men and women who are imbued with an earnest desire to be of real service to the people.

Our experience is that wherever the agent is earnest, energetic and well qualified by nature, education and experience for the work he is ordinarily supported by the farmers and business men with whom he works.

The Free Fair Law enacted by the last Legislature, which gave such general satisfaction in the counties where it was tried last fall, may properly be claimed as a direct outgrowth of the county agent plan of agricultural extension work.

In 1915 we adopted the plan of appointing non-residents only to the position of county agent. This has given general satisfaction and has greatly strengthened the work by keeping it free from political entanglements and local prejudice. Under this rule the new agent comes to his work a stranger with a fair field to demonstrate his fitness for the work and is not handicapped by partisan prejudice or personal jealousies.

EXTENSION DIVISION EMPLOYEES

The following is the list of the Extension Division employes on December 13, 1915, with postoffice address of each and the territory assigned to each:

NAME	TITLE	POSTOFFICE	TERRITORY WORKED
W. D. Bentley	Director of Extension and State Agent	Stillwater	State
J. A. Wilson	Assistant Director of Extension and Assistant State Agent	Stillwater	State
Miss Emma A. Chandler	Assistant State Agent in Charge Home Demonstration Work	Stillwater	State
J. E. Swaim	Assistant State Agent in Charge Boys' Club Work	Stillwater	State
D. B. Tucker, M. D.	Specialist in Rural Sanitation	Stillwater	State
George Wilson	Professor of Agriculture for Schools	Stillwater	State
V. W. Knowles, D. V. S.	Specialist in Hog Cholera Work, Bureau of Animal In- dustry, Washington, D. C.	Oklahoma City	State
T. W. Moseley	Specialist in Dairying, Bureau of Animal Industry, Wash- ington, D. C.	Stillwater	State
Miss Edith Allen	Specialist in Home Economics	Stillwater	State
C. L. Chambers	Specialist in Pig Club Work, Bureau of Animal Industry, Washington, D. C.	Stillwater	State
R. T. Hemphill	Special assistant in Office and Field Work	Stillwater	State
Miss Lethe Morrow	Secretary and Office Manager	Stillwater	Office
I. B. Sherman	Office Assistant	Stillwater	Office
Miss Ruth Sharp	Mailing Clerk	Stillwater	Office
Miss Xera R. White	Civil Service Stenographer	Stillwater	Office
Miss Minnie McCoy	Stenographer	Stillwater	Office

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DISTRICT AND COUNTY AGENTS

J. M. Daily, District Agent, Muskogee, Oklahoma. Northeast part of State.

J. A. Lathim, clerk for District Agent.

NAME	TITLE	POSTOFFICE	COUNTY
E. Belcher,	County Agent	Okemah	Okfuskee
E. Dickerson,	County Agent	Pryor	Mayes
B. E. Drake,	County Agent	Sapulpa	Creek
G. W. Vincent,	County Agent	Claremore	Rogers
C. E. Earnheart,	County Agent	Tulsa	Tulsa
J. T. Henderson,	County Agent	Sallisaw	Sequoyah
S. L. Jeffords,	County Agent	Muskogee	Muskogee
B. T. Lawson,	County Agent	Wagoner	Wagoner
M. T. Maudlin,	County Agent	Pawhuska	Osage
A. A. Powell,	County Agent	Bartlesville	Washington
E. B. Shotwell,	County Agent	Okmulgee	Okmulgee
G. E. Thomas,	County Agent	Vinita	Craig
E. H. Vincent,	County Agent	Miami	Ottawa
D. C. Warren,	County Agent	Pawnee	Pawnee
H. M. Wolverton,	County Agent	Nowata	Nowata

F. F. Ferguson, District Agent, Lawton, Oklahoma. Southwest part of State.

Miss Metta Meadows, clerk for District Agent.

NAME	TITLE	POSTOFFICE	COUNTY
W. A. Conner,	County Agent	Frederick	Tillman
O. C. Cooper,	County Agent	Chickasha	Grady
Ben Crawford,	County Agent	Altus	Jackson
C. R. Donart,	County Agent	Lawton	Comanche
J. A. Donnelly,	County Agent	Elk City	Beckham
A. G. Graham,	County Agent	Marietta	Love
S. B. Jackson,	County Agent	El Reno	Canadian
J. E. Lawrence,	County Agent	Norman	Cleveland
Geo. R. Lea,	County Agent	Pauls Valley	Garvin
B. B. Mostellar,	County Agent	Anadarko	Caddo
R. L. Scott,	County Agent	Ardmore	Carter
W. B. Tucker,	County Agent	Duncan	Stephens
J. M. Vanderslice,	County Agent	Hollis	Harmon
F. D. Watson,	County Agent	Mangum	Greer
F. F. Parker,	County Agent	Hobart	Kiowa

C. A. McNabb, District Agent, 305 Federal building, Oklahoma City, Oklahoma. Northwest part of State.

Miss Clara Van Buskirk, clerk for District Agent.

NAME	TITLE	POSTOFFICE	COUNTY
B. F. Brown (colored)	County Agent	Boley	Okfuskee
W. J. Burke	County Agent	Clinton	Custer
C. W. Callarman	County Agent	Okla. City	Oklahoma
J. A. Farquharson	County Agent	Guthrie	Logan
W. E. Forrester	County Agent	Cherokee	Alfalfa
B. M. Jackson	County Agent	Guymon	Texas
S. E. Laird	County Agent	Perry	Noble
B. F. Markland	County Agent	Woodward	Woodward
J. F. Newsom	County Agent	Beaver	Beaver
J. M. Rapp	County Agent	Watonga	Blaine
Clarence Roberts	County Agent	Enid	Garfield
R. C. Shifflett	County Agent	Kingfisher	Kingfisher
J. R. Thomas	County Agent	Medford	Grant
H. E. Wilson	County Agent	Stillwater	Payne

J. M. White, District Agent, McAlester, Oklahoma. Southeast part of State.

NAME	TITLE	POSTOFFICE	COUNTY
R. C. Blocker	County Agent	Idabel	McCurtain
Louis Brannin	County Agent	McAlester	Pittsburg
Elmo Ellis	County Agent	Ada	Pontotoc
L. H. Fash	County Agent	Durant	Bryan
H. Garland	County Agent	Madill	Marshall
J. L. Howe	County Agent	Atoka	Atoka
D. F. Krause	County Agent	Wilburton	Latimer
H. L. Lair	County Agent	Wewoka	Seminole
T. A. Milstead	County Agent	Holdenville	Hughes
R. C. Moore	County Agent	Shawnee	Pottawatomie
T. H. Moore	County Agent	Stigler	Haskell
J. F. Neely	County Agent	Tishomingo	Johnston
F. L. Rounsevell	County Agent	Checotah	McIntosh
L. E. Stewart	County Agent	Sulphur	Murray
J. A. Wyatt	County Agent	Hugo	Choctaw
W. T. Yoakum	County Agent	Coalgate	Coal

WOMEN AGENTS

Miss Emma A. Chandler, Assistant State Agent, in charge of work for Women and girls.

NAME	POSTOFFICE	COUNTY
Miss Iva M. Burch	Bartlesville	Washington
Miss Anna L. Diehl	Okemah	Okfuskee
Mrs. Elva R. Duvall	Oakman	Pontotoc
Mrs. C. E. Earnheart	Tulsa	Tulsa
Mrs. Jennie Fash	Durant	Bryan
Mrs. B. M. Jackson	Guymon	Panhandle
Mrs. V. E. Moore	Shawnee	Pottawatomie
Mrs. R. A. Morse	Coalgate	Coal
Mrs. Florence Owens	Atoka	Atoka
Mrs. Annie Peters (colored)	Boley	Okfuskee
Mrs. Susan E. Pittman	Marietta	Love
Mrs. Mattie Royse	Elk City	Beckham
Mrs. Josie Sartain	Tahlequah	Cherokee
Miss Katherine Smith	Guthrie	Logan
Mrs. A. N. Southwick	Enid	Garfield
Mrs. L. B. Whitney	Perry	Noble
Mrs. Nettie R. Coryell	Chickasha	Grady
Mrs. N. C. Stewart	Sulphur	Murray
Mrs. Ida Gigray	Hobart	Kiowa
Miss May McSpadden	Chelsea	Rogers
Mrs. Mary V. Niblack	Ardmore	Carter

The Following Were Employed During the Year 1915

Name.	Title.	Date Employed
Miss Xera R. White	Stenographer	Jan. 4, 1915
Miss Minnie McCoy	Stenographer	April 1, 1915
Miss Edith Allen	Specialist in Home Economics	June 15, 1915
J. E. Swaim	Assistant State Agent in Charge Boys' Clubs	Jan. 1, 1915
Dr. V. W. Knowles	Hog Cholera Specialist	May 6, 1915
T. W. Moseley	Dairy Specialist	May 22, 1915
J. A. Lathim	Clerk to District Agent	July 1, 1915
Miss Metta Meadows	Clerk to District Agent	Oct. 4, 1915
E. Belcher	County Agent	Jan. 6, 1915
R. C. Blocker	County Agent	Jan. 16, 1915
Louis Brannin	County Agent	July 19, 1915
B. F. Brown	County Agent (colored)	March 15, 1915
W. J. Burke	County Agent	Oct. 4, 1915
W. A. Conner	County Agent	Mar. 8, 1915
Ben Crawford	County Agent	Jan. 16, 1915
E. Dickerson	County Agent	Feb. 1, 1915
C. R. Donart	County Agent	Sept. 11, 1915
W. E. Forrester	County Agent	Sept. 16, 1915
J. F. Foster	County Agent	April 1, 1915
R. T. Hemphill	Special Assistant in Office and Field	July 26, 1915
J. H. Henderson	County Agent	Dec. 1, 1915
D. F. Krause	County Agent	Jan. 16, 1915
H. L. Lair	County Agent	Jan. 16, 1915
F. F. Parker	County Agent	Jan. 19, 1915

J. M. Rapp	County Agent	Jan. 9, 1915
Clarence Roberts	County Agent	May 1, 1915
F. L. Rounsevell	County Agent	March 11, 1915
J. R. Thomas	County Agent	Aug. 11, 1915
W. B. Tucker	County Agent	Jan. 21, 1915
J. M. Vanderslice	County Agent	March 1, 1915
E. H. Vincent	County Agent	May 26, 1915
D. C. Warren	County Agent	Feb. 1, 1915
F. D. Watson	County Agent	June 15, 1915
H. E. Wilson	County Agent	Jan. 1, 1915
J. A. Wyatt	County Agent	Oct. 1, 1915
John M. White	District Agent	July 1, 1915

The Following Resigned During the Year 1915

Name	Title	Date
D. C. Mooring	Principal Short Courses	April 1, 1915
H. R. Hedger	Assistant in Boys' and Girls' Club Work	July 22, 1915
Miss Edith Allen	Specialist in Home Economics	Dec. 31, 1915
Dr. T. P. White	Specialist in Hog Cholera	May 6, 1915
W. L. Martin	Clerk to District Agent	June 15, 1915
Miss F. Pettit	Clerk to District Agent	Sept. 30, 1915
Elmo Ellis	County Agent	Dec. 31, 1915
Robert Dutcher	County Agent	Nov. 16, 1915
J. F. Foster	County Agent	June 15, 1915
Ralph T. Hemphill	County Agent	July 25, 1915
J. E. McClure	County Agent	Dec. 31, 1915
T. A. Milstead	County Agent	Dec. 31, 1915
Clarence Roberts	County Agent	Dec. 31, 1915
R. L. Scott	County Agent	Dec. 31, 1915
H. L. Stites	County Agent	Sept. 1, 1915
John M. White	County Agent	July 1, 1915

LABOR

During the year 1915 the Extension Division employed students for office and other work for 2,425 hours at an average of 14 cents per hour. In addition to this, 22,237 envelopes were addressed at 10 cents per hundred.

SALARIES

During the fiscal year of 1914-15 one-half the salary of all women agents and one-half of the salary of all county agents, not to exceed \$50.00 per month, was paid out of State and Federal funds, the remainder being paid by county commissioners and individual citizens. During the fiscal year of 1915-16 one-half the salary of all women agents and \$58.33 per month on the salaries of county agents is being paid out of State and Federal funds, the remainder being paid by county commissioners and individual citizens. The salary of all women agents was \$75.00 for from six to twelve months, and men agents not less than \$100.00 per month for full time. No part of the traveling or other expenses of either county or women agents is paid out of State or Federal funds, except agents' meetings at Stillwater in January and July, which was paid out of United States Department of Agriculture funds.

TWO AGENTS' MEETINGS

The expense of the agents at the January, 1915, agents' meeting at Stillwater for five days was \$908.83. The average expense for each county agent was \$15.85, and the average for each woman agent was \$14.76. The total expense for the July, 1915, agents' meeting, fifty-four agents, was \$842.84, or an average of \$15.61 each for county agents, and \$16.42 for women agents.

The January agents' meeting was held in connection with the annual Farmers' Short Course, which was attended by ninety-nine club members and 481 farmers and others not connected with the College or the Extension Division.

The July agents' meeting was held at Stillwater in three sections, one-third of the agents attending the first week in July, one-third the second week, and one-third the third week. The purpose of this was to handle them in smaller groups that more personal attention might be given each agent. The summer meeting for women agents was held in Stillwater the third week in July. The women agents were given special training along lines of home economics, Girls' Club work, etc.

The increase in the number of county and women agents made it necessary to appoint the fourth district agent to assist in the general supervision of the field work. This was done on July 1, 1915, and Mr. John M. White, county agent of Pittsburg county, was appointed to fill this place. The State was divided into four districts, as shown in list of Extension Division employes. To further assist in the general supervision of the work, Mr. Ralph T. Hemphill was appointed as special assistant, having charge of Movable School work, and other matters assigned him from time to time.

The increase in office work to December 31, 1915, has been taken care of by the appointment of two additional clerks, making a total regular office force of eight people. In addition to these it has been necessary to employ student labor to the amount of 2,425 hours. The cost of this labor averages 14 cents per hour. The general office management is under the supervision of Miss Lethe Morrow, who assigns the work to be done to the several office employes as seems best for efficient service.

The rebuilding of Morrill Hall after its destruction by fire on the night of August 7, 1914, was completed in 1915, and the temporary offices of the Extension Division were moved from the Boys' Dormitory Building on August 2 to three large rooms and one small one on the ground floor of the new Morrill Hall.

During the year 1915 there were sixty county agents carrying on work in sixty-one counties, one agent serving both Beaver and Texas counties. The following counties had no county agent: Adair, Delaware, Pushmataha, Jefferson, Cimarron, Ellis, Lincoln, Cotton, Washita, Dewey, Roger Mills, Major, Harper, Woods, McClain.

The work was discontinued in the following counties by reason of failure on the part of the county to provide funds for the county's share of the agent's salary: Kay, Murray and Carter.

AGENTS' WORK

The following table is intended to show the extent of agents' work with farm crops:

CROP	NO. DEMONSTRATORS IN	NO. DEMONSTRATORS REPORTING	TOTAL ACRES IN DEMONSTRATION	AVERAGE YIELDS PER ACRE
Corn	1119	866	11,903.6	44 bu.
Kafir	252	166	1,752.0	38 bu.
Milo	91	36	430.0	37 bu.
Feterita	100	42	469.0	36 bu.
Cotton	556	384	3,886.5	914 lbs.
Oats	116	102	2,013.5	42 bu.
Wheat	127	42	1,456.0	21 bu.
Barley	24	24	61.0	30 bu.
Alfalfa	168	67	942.0	5 tons
Sweet clover	20	20	179.5	14 bu. seed 2 tons hay
Sudan grass	247	92	537.0	4.3 tons
Cane	23	23	327.0	45.3 bu.
Millet	3	3	45.0	40 bu.
Cowpeas	52	12	62.0	25 bu.
Peanuts	175	120	865.0	45.4 bu. 2 tons hay
Sweet potatoes	31	21	67.0	216 bu.
Irish potatoes	67	20	103.5	125 bu.
Onions	3	3	12.0	158 bu.

The agents report a total of 442 demonstration home orchards. They also assisted in caring for fifty commercial orchards. A large number of pruning and spraying demonstrations were held. A large percent of this work was carried on in cooperation with the Missouri, Kansas and Texas and Frisco Railroads and the State Entomological Commission.

Gardens.—The agents were all instructed to put forth their very best efforts to encourage the growing of a home garden on every farm. Many farmers for the first time learned the value of a good garden.

Livestock.—A large part of the agents' time and effort was spent along animal industry lines, especially in combating contagious diseases.

The improvement of the various breeds of horses, cattle, hogs and sheep by bringing in purebred breeding stock was pushed in all parts of the State with satisfactory results.

Horses.—The agents report having influenced the bringing in of a total of sixty-eight purebred stallions, 113 mares and thirty-two jacks. They have assisted in treating 1,876 horses and mules for distemper, accidents and other troubles.

Dairy Cattle.—They also report having influenced the bringing in of 107 purebred dairy bulls, 499 purebred dairy cows and heifers, and 1,091 grade

dairy cows. They supervised fifty-three special dairy demonstrations in which there were 674 cows. Eight of the agents carry Babcock testers. They succeeded in having established fourteen new cream routes, organized two cow testing associations and twenty-eight dairy breeders associations.

Beef Cattle.—There were 240 purebred bulls, 856 purebred cows or heifers, and 2,792 grades of the beef cattle breeds brought into the State for breeding purposes through the influence of the county agents. They also assisted in having brought in 5,574 cattle for feeding purposes. They gave instruction in thirteen feeding demonstrations in which there was a total of 909 cattle. However, records were kept of but two of them. There were thirty beef cattle breeders' associations formed with a membership of 190.

Tick Eradication Work.—The agents have been very active in tick eradication work, cooperating always with State and Federal officials. They claim having influenced the building of 124 dipping vats; having helped in the construction of seventeen of them, helped to fill with the solution twenty-seven of them, and tested the solution in nineteen. They report the building of 220 dipping vats in the State during the year 1915 by all forces. They estimate that there were dipped during the year 399,013 cattle. They report having assisted in the treatment of 53,673 cattle for blackleg and 13,664 for other troubles. Of these 15,626 were actually treated by the agents.

Hogs.—The agents claim to have influenced the bringing into their counties of 387 purebred boars and 1,342 purebred sows for breeding purposes. They supervised eighty hog-feeding demonstrations in which there was a total of 2,840 hogs. Records were kept in thirty-six of these demonstrations.

An immense amount of work was done combating hog cholera and other swine diseases. The totals for this work are as follows:

Hogs treated for cholera (single treatment).....	36,772
Hogs treated for cholera (simultaneous treatment).....	92,796
Hogs treated for worms, lice and mange.....	84,913
Hogs treated for indigestion and other troubles.....	16,237

Of these 63,517 were actually vaccinated or treated by the agents themselves; thirty-seven of the agents have instruments of their own for the vaccination of hogs and cattle.

No part of the agent's work is of greater value to the farmers of the State than the help they render in the treatment of diseases of domestic animals. None of the agents are veterinarians, and none of them pose as such, but their education and experience well fits them to diagnose most of the common troubles that affect farm animals in Oklahoma. They are taught to vaccinate hogs for cholera, cattle for blackleg and use the tuberculin test for tuberculosis. They know the symptoms of these and other common diseases, and how to advise the owners what to do in each case. They assist in the suppression of outbreaks of epidemics of all kinds. In no case are they permitted to charge for their services or to accept a fee

of any kind for the same. Their duty is to diagnose the trouble, if possible, to prescribe the treatment, and in all cases where the trouble seems to justify, advise the calling of a competent veterinarian. Their work is also to teach sanitation in methods of feeding and handling, and to instruct farmers how to vaccinate their own stock for cholera in hogs and blackleg in cattle. Agents are not expected to vaccinate hogs and cattle except to demonstrate the methods and to teach farmers how they may do the work themselves. Their work is to help the farmers to help themselves and not to do actual work for the farmers at public expense.

Sheep.—Considerable work was done during the year to encourage the breeding and feeding of sheep. The agents report having influenced the bringing in of thirty-three purebred rams, 272 purebred ewes and 2,658 grade ewes for breeding purposes. There were two sheep-feeding demonstrations consisting of 734 sheep on both of which records were kept.

The county agents report 136 poultry demonstrations. Ten agents report giving advice on poultry diseases. A few of the county agents are poultry specialists and teach caponizing, etc.

Fertilizers.—One thousand four hundred and seventy-five farmers were advised regarding the proper use of fertilizers. There were ninety-one special fertilizer demonstrations, and the agents report having helped to place 128 manure spreaders. There is considerable acid soil in the State, and in many cases the use of lime was advocated. The agents report having influenced thirty-seven farmers to use a total of 644 tons of lime on their land.

Silos.—The construction of silos by farmers who, it was believed, could use them with profit, was encouraged. The agents report the building of a total of 571 new silos during the year. They estimate that there are now in the State a total of 3,145 silos. Of these 237 are tile, 390 cement, 50 stone, and 2,468 other kinds.

There has been a decided falling off in the number of silos built during the last year which may be due to the fact that previously too many silos had been built by farmers who did not need them.

Farmers' Clubs.—The agents report having assisted in the organization of 185 farmers' clubs with a total membership of 4,783.

Under the head of "Things done with the agents' assistance and advice", are reported the following totals: 788 farm buildings erected; 993 farm buildings improved; 110 new building plans furnished; 834 farm buildings painted or whitewashed; 47 home water systems installed or improved; 18 lighting systems installed; 441 home grounds improved; 1,016 cases of farm and home sanitary conditions improved; 1,592 homes screened against flies and mosquitoes; 721 flytraps used; 62 sanitary privies erected; 255 farmers furnished plans and induced to adopt systematic crop rotations with a total acreage of 8,503 acres; 237 new pastures established; 131 farmers induced to drain all or part of their farms, draining an approximate acreage of 9,178 acres; 161 farmers were induced to remove stumps on a total estimated acreage of 4,479 acres; 255 farmers terraced sloping lands to

the extent of 1,481 acres; 2,611 home gardens planted or improved; 241 road improving demonstrations resulting in the improvement of 999 miles of road; numerous improved farm implements and tools were bought by farmers by reason of the advice and suggestions of the agents. In the performance of their duties the agents report making a total of 51,843 visits to demonstrators, cooperators, business men and club members. In doing this they traveled 127,176 miles by railroad, 106,032 miles by team and 84,000 miles by other conveyance, making a total of 317, 208 miles in all. There were a total of 20,880 personal calls at their offices or homes, and 13,494 telephone calls.

Under the auspices of the agents or the Extension Division there were held 1,667 farmers' meetings. The agents spoke on some phase of their work at 2,931 meetings, at which there was a total approximate attendance of 141,413 people. There was a total of 731 field meetings with a total approximate attendance of 9,769.

The agents report having written 24,327 official letters and having prepared 2,330 articles for publication. They report having distributed 195,660 bulletins or circulars of the United States Department of Agriculture and the A. and M. College.

They made 1,675 visits to schools and assisted in outlining 119 agricultural courses.

The agents report that as a result of their efforts 135 farmers attended short courses at the College; 198 boys and 79 girls attended the Agricultural College or other schools as a result of the club work. They report 634 visits by specialists from the College or the Department of Agriculture. Thirty-eight of the agents report county fairs at which 6,926 demonstrators and club members made exhibits, and 3,291 prizes were won by them.

They report having 245 truck or small fruit demonstrations; 5,434 farmers are selecting seed, and 690 of them growing seed for sale; 540 labor saving devices have been installed in the homes of demonstrators and cooperators.

During the year one-week Movable Schools were held in twenty-seven counties in the State. Efforts were made to make this work as practical and effective as possible, and several changes were made in methods of conducting the work. Those attending were required to do practice work in judging and scoring farm animals and the different grains. A special effort was made to teach better sanitation in the small towns and farm homes.

The Movable School was in charge of four regular instructors, not including the county agents. There were twenty-one different speakers taking part in the program at various times. The School was in the field twenty-six weeks up to December 31, 1915. Sessions were held at eighty-seven small towns and thirty-four country school houses, in all 121 different places. Total individuals in attendance, 34,675. Total cost, not including salaries, \$2,413.16, or an average of 6.9 cents per person in attendance.

This School was in charge of H. R. Hedger between February and July, and the rest of the year in charge of Ralph T. Hemphill.

Special Work With Negroes.—In cooperation with the State Board of Education, a colored woman agent and a colored man agent were employed

to work among the colored people in sections where there is a large number of negro farmers. This work was carried on through the Colored Agricultural and Normal University at Langston, Oklahoma.

Hog Cholera.—The Bureau of Animal Industry at Washington, D. C., furnished a specialist in hog cholera work the entire year, who rendered very efficient and useful service. It was under his instructions chiefly that most of the county agents were taught to become expert in diagnosing hog cholera and treating it. Dr. T. P. White filled this position from July 1, 1914, to May, 1915, when he was transferred to another State, and Dr. V. W. Knowles was assigned to this position. These two trained veterinarians spent practically all their time (except that necessary for reports and correspondence) in company with the county agents among farmers and stock raisers, teaching methods of hog cholera control.

WORK OF SPECIALISTS

Dairy Work.—The United States Dairy Division, Bureau of Animal Industry, assigned Mr. T. W. Moseley, a specialist in dairy work, to work in cooperation with the Extension Division. This work was begun May 22, 1915, and carried on only in tick-free territory. A line of very excellent work is under way, but it is too early yet to report specific results.

The Bureau of Animal Industry also assigned Professor C. L. Chambers, a specialist in Pig Club work, to cooperate with the Extension Division in its Boys' and Girls' Club work. Mr. Chambers began work September 11, 1915, and is rendering very valuable service.

The Chair of Agriculture for Schools.—Professor George Wilson has filled this position since July, 1914. Mr. Wilson's efforts have been to encourage the teaching of agriculture and allied subjects by visiting schools, farmers' and school board meetings, teachers' meetings, writing articles and by securing the cooperation of educational organizations, to excite an interest in this work by showing its moral and intellectual benefits as well as its financial use.

During the year 1915 he has addressed 11,632 teachers and 29,515 other persons.

In the discharge of his duties he has traveled 14,213 miles.

Specialist in Home Economics.—Special work in home economics was carried on by Miss Edith Allen under the general supervision of Miss Emma A. Chandler, who has charge of all extension work for women and girls.

Miss Allen was very active in baby contest work as well as home economics and lecture work in many parts of the State, also in judging and managing exhibits at fairs. She also wrote eleven leaflets on domestic science subjects suitable for use in schools, women's clubs or correspondence work. Copies of these may be had free by writing for them to the Extension Division, A. and M. College.

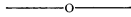
In the discharge of her duties she traveled 3,845 miles by rail and 532 by other conveyance.

Specialist in Home Sanitation.—One of the most valuable and effective lines of work conducted by the Extension Division during 1915 was that carried on by Dr. Dixie Bohon Tucker to improve rural sanitary conditions. Her lectures on disease-carrying insects and how to combat them were productive of immediate action in many homes.

Dr. D. B. Tucker, specialist in rural sanitation, reports having traveled in the discharge of her duties 6,288 miles by rail and 1,386 miles by other conveyance. During the year 1915 she addressed 264 meetings with an attendance of 39,039 persons.

Fairs.—More township and county fairs were held in Oklahoma in 1915 than ever before. Twenty-five counties took advantage of the new Free Fair Law passed by the Fifth Legislature. In all forty-three township or community fairs were held. State Fairs were also held at Oklahoma City and Muskogee. The Extension Division furnished eighty-six judges of exhibits of various kinds at the different fairs during the fall of 1915. Members of the Faculty of the A. and M. College assisted in this work. This work was done free of charge except that traveling expenses were required for members of the faculty and agents who had no traveling expense allowance.

During the year ending December 31, 1915, the women agents report having visited 1,374 schools, 1,520 homes and 8,529 club members. They held 385 field meetings and 741 public meetings with a total attendance of 27,675. In the discharge of these duties they traveled 23,672 miles by rail and 39,562 by team.



WORK FOR WOMEN

All work for women and girls has been under the supervision of Miss Emma A. Chandler. In the discharge of her duties, in addition to her office work, she made 101 visits to agents, 23 visits to schools, visited 16 homes and 71 club members. She held 57 meetings with an attendance of 3,143, and wrote 2,596 letters. In the performance of these duties she traveled 20,413 miles by rail and 496 miles by team.

The Women Agents Report.—In the work for women and girls the women agents report that there were 441 women demonstrators enrolled and that a total of 893 meetings were held with an attendance of 15,902.

Under the supervision of the women agents 361 girls made caps and aprons for their own use. The following labor-saving devices were made by women and girls: 79 fireless cookers, 248 flytraps, 62 houses screened, 18 home waterworks systems installed, and 41 iceless refrigerators. Demonstrations were held as follows: Canning 77, dressed poultry 3, fireless cookers 50, kitchens rearranged 2, poultry 16, flytraps 6, meat cookery 11, vinegar 15, bread 9, and winter gardens 34; also a great many improved household utensils were purchased at the suggestion of the women agents.

CLUB WORK

In the Boys' and Girls' Club work there were enrolled a total of 11,973 members. Of this number 20% made reports. In all there were eight different clubs: Corn, Grain Sorghums, Peanuts, Cotton, Pig, Canning, Poultry and Better Bread. A total of 3,082 boys and girls exhibited products at the State, county and township fairs, and 1,864 of them were awarded premiums. As nearly as can be determined, \$8,570 in cash or articles of value was awarded to these club prize winners. These prizes include twelve scholarships in the Agricultural College or District Agricultural Schools. A Five-Day School for first prize winners in each club from each county was held at the State Fair at Oklahoma City, and a school for second prize winners from each club in each county was held at the Farmers' Winter Short Course at Stillwater. Three hundred and five boys and girls were awarded these prizes and attended these schools.

EXTENSION MAIL

Accurate records of the amount of mail sent out from the Extension Division was not kept until February 1, 1915. Between that date and December 31, 1915, there has been mailed out from the Extension Division a total of 14,150 personal letters, 75,609 circular letters, 13,529 bulletins and 7,812 packages. The following list of circulars have been published during the year:

NO. OF BULLETIN	TITLE OF BULLETIN	NO. OF PAGES	NO. OF COPIES
6	Plans for 1915 Demonstration Clubs.....	12	15,000
7	Extracts from Report of Extension Division....	16	5,000
8	Suggestions for Farming Light Sandy Soils.....	5	5,000
9	Bermuda Grass	4	10,000
10	Black Rot of Sweet Potatoes.....	4	5,000
11	Sweet Clover	4	20,000
12	Suggestions for Holding Township and County Fairs	8	10,000
13	Home Vegetable Gardening.....	16	20,000
14	Exhibits—Boys' and Girls' Demonstration Clubs	16	10,000
15	The Treatment of Soils With Lime Compounds and Fertilizers	16	10,000
16	Corn	16	10,000
17	Home Economics Demonstration Work.....	4	5,000
18	General Principles of Cooking Foods.....	4	5,000
19	Annual Report of Extension Division.....	16	5,000
20	Planning of Meals.....	8	5,000
21	The Cost and Care of Food.....	4	5,000
22	Irish Potato	4	5,000
23	Eggs	4	5,000
24	Corn Meal	4	5,000
25	Cottonseed Flour	4	5,000
26	Cottage or Dutch Cheese	4	5,000
27	The Peanut	4	5,000
29	The School Lunch	8	10,000
31	Milk	4	5,000

Respectfully submitted,

W. D. BENTLEY,
Director of Extension and State Agent.