

ANNUAL REPORT
OF
THE OFFICE OF SWINE EXTENSION
FOR THE FISCAL YEAR ENDING
SEPTEMBER 30th 1922.

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SUPPLEMENTED WITH SAMPLES
OF
FORMS EMPLOYED
AND
MAP SHOWING LOCATIONS OF PROJECTS.

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W. W. SHAY, In Charge,
STATE COLLEGE STATION,
RALEIGH, N. C.

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RESULTS.

The results of the work of The Office of Swine Extension during the last year are, we feel, very gratifying, the work having been started in Eighteen counties to date.

Owing to lateness in reporting on the part of some of the County Agents, and inability of this office to make periodical visits to all of the demonstrations started, it is impossible to give complete results of all feeding demonstrations.

It is even impossible to give the total number of car lot shipments, not to mention many hogs sold locally by truck and wagon loads and in less numbers.

All the hogs fed according to feeding schedules from this office, upon which records are available (sample attached) have shown very satisfactory profit. In this connection commendation is due the active and able assistance in marketing rendered by Mr. V. W. Lewis, of the Division of Markets.

Mr. Lewis succeeded in getting a premium of \$1.00 per hundred pounds for demonstration fed hogs; in the case of car lot shipments this amounts to \$150.00.

IMPROVED FORM OF RECORDS.

What we consider one of the most important steps taken by the office during the last year is the adoption of a system making use of forms for conducting, directing and

recording of results of the various stages of feeding demonstrations.

In this connection a "Follow Up" system is made use of, whereby both the Agent and Demonstrator are reminded that a certain demonstration is due attention on a date a few days in advance, this date having been specified a month previously.

We are thoroughly convinced that the greatest service that can be rendered by this office to the farmers of the state is the demonstration of methods of feeding which have been proven profitable by almost numberless experiments conducted by State and Federal Stations, and the regulation of breeding operations to conform to the requirements of the market, both as to size and quality of the animal offered as well as dates of highest price trend. In these respects, no other method compares in results with the concrete feeding demonstrations.

We are very anxious for the entire time of a stenographer to the end that the constant stream of encouraging results of demonstrations flowing into this office may be put in shape and promptly turned back into the field where it is so badly needed for dissemination among the farmers who are already getting restless as a result of the boll weevil invasion.

This restlessness is showing in a decidedly increased demand for breeding sows and feeder hogs, and unless prompt action is taken, it is only a matter of a short time

when the market for North Carolina hogs will be ruined the same as those to the South of us. This condition is due to the indiscriminate feeding of peanuts, soybeans and chufas, and the prices paid for hogs so fed are less than cost of production.

The above, I believe, is the only recommendation I have to offer for the furtherance of the work.

CONDENSED REPORT OF TRAVEL AND ACTIVITIES
OF THE
OFFICE OF SWINE EXTENSION, STATE COLLEGE STATION, RALEIGH, N. C.

For the Fiscal Year Ending September 30th, 1922.

1921- 1922 Month	Travel			Feeding Demonstra- tions Started	Visits to -		Letters Writ- ten.	Meetings		Articles Written	Copy for charts Blotter, Forms and Bulletins
	Rail	Auto	Total		Agts.	Demon- strations		Num- ber	Attend- ance		
Oct.	104		104	0			118	1	30	5	Copy for Chart
Nov.	500	20	520	1	3	4	72	1	30	3	1 & 10 year Average
Dec.	1081	167	1248	13	5	7	98	2	210	2	Feeding Schedules
Jan.	641	360	1001	16	5	9	146	10	295	0	" "
Feb.	914	62	976	18	3	8	141	2	150	2	Circular Letters 2.
Mar.	748	377	1125	2	22	9	125	22	2560	2	Five Analyses of Results
Apr.	1032	131	1163	8	7	12	178	3	133	2	Circ. Letter Bankers
May	184	190	374	9	2	2	202	1	57	1	Analysis of Results
June	1578	605	2183	14	8	26	351	0		4	Circ. Letters 5.
July	1948	265	2213	10	6	11	285	3	6020	3	Bulletin
Aug.	2339	471	2810	2	5	4	74	4	50	4	Secy. Farmers Conven- tion.
Sept.	1298	438	1736	4	9	8	234	2	172	3	Forms.
Total	12367	3086	15453	97	75	100	2024	50	9657	31	

WHAT'S THE USE

By W. W. Shay, Swine Specialist

An old theme song of the "Gay 90's" runs something as follows:
"Dr. Parkhurst started out one day to purify the town,
But what's the use? What's the use?
He told his congregation all about their wicked lives,
Now half the congregation are getting divorces from their wives,
So what's the use? What's the use?"

Last winter and early spring it was pointed out by the Office of Swine Extension that corn to be used in the production of pork strictly in accordance with the system which has been advocated by that office during the last ten years, was a safe and sane farm project.

Copy bearing on this subject was prepared for the press.

Three radio addresses were prepared and delivered.

Many letters urging the adoption of the system were written.

The systematic production of pork was urged at meetings -
but "What's the use?"

The average of current market prices quoted for the products mentioned at Raleigh and points east are as follows: Cotton 9.25¢; tobacco 13¢ to 14¢; corn 50¢ to 75¢. (It costs about 75¢ per bushel to produce a thirty bushel yield of corn.)

Hogs which were properly fed and otherwise properly handled, paid over \$1.50 per bushel for the corn they ate during 1930.

There were less hogs shipped from the State during 1930 than were shipped during 1929 - so, "What's the use?"

The outlook for 1931 so far as corn and hogs are concerned is

similar to the outlook a year ago - but no one pays any attention to it - so, "What's the use?"

PROJECTS FOR 1922.

OFFICE OF SWINE EXTENSION

W. W. Shay, In Charge,
State College Station, Raleigh, N. C.

The boll weevil invasion makes rapid and effective Swine Extension work imperative, especially in those counties already infested.

The methods of properly feeding and caring for hogs on a commercial scale are so radically different from those commonly followed, that a review of last year's work shows that by far the most headway was made in those sections where actual feeding demonstrations were conducted.

In these demonstrations the animals are weighed periodically, usually every thirty days, and a careful account kept of the feed consumed.

Dates of farrowing have been changed to conform to the seasonal market price of hogs, which, fortunately, makes it possible to market two crops of 200-pound hogs per year as hard pork during the two periods of highest prices of the year.

We have been confirmed in our opinion that this is our most effective line of work by the fact that without exception those Agents who have conducted such projects have been enthusiastic in their assertion that such demonstrations have been as satisfactory as any work done by them during the year.

We have, therefore, decided that as far as possible field work this year should be confined to FEEDING DEMONSTRATIONS.

We shall, of course, be glad to render all possible assistance along other lines by correspondence.

ANIMAL INDUSTRY DIVISION

Swine Extension Projects

HOG FEEDING DEMONSTRATION

Plan of Work

for 1922

To get RESULTS. To this end records of gains, together with cost of same, will be obtained through the actual weighing of animals and feeds.

Organized.

By working with and through interested county agents, a sufficient number of whom are now awake to the importance of this work to make it impossible to give it adequate supervision at this time without help.

Propaganda and Publicity.

Through neighborhood meetings after something has been accomplished; publication of results in the press, and by circular letter to a mailing list of between two and three thousand hog raisers.

Records

Owing to insufficient help it is impossible to keep records other than the sheets which are made out, as far as possible, showing results of each demonstration. Figures on very attractive results have been lying on my desk for a month awaiting attention which it is impossible to give them.

Methods To Promote Adoption

Necessarily left largely to the county agent. A field man from this office could increase the profits from hogs for farmers of this state many thousands of dollars this year.

Measure of Results in Actual Dollars.
Calendar of Work.

It is impossible to make out a calendar of work by months or seasons. I am constantly striking at those things which appear to promise the greatest results,

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and necessarily leaving undone many things well worth doing.

To illustrate: on April 1st I received a card from an agent to come to his county on the 10th. I went. In twenty-four hours we had the pledges of six men to weigh periodically and feed according to our directions, three car loads of hogs.

FIFTEEN DAYS PRIOR TO MY GOING I DID NOT KNOW POSITIVELY THAT I WOULD BE ABLE TO DO ANY WORK IN THAT COUNTY THIS YEAR.

One hundred percent time spent in the office would be insufficient in which to do all the worth while office work--the same applies to the field.

Map attached.

ANIMAL INDUSTRY DIVISION

Swine Extension Projects

HOG FEEDING DEMONSTRATION

Plan of Work

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