

# MINNESOTA EXTENSION SERVICE NEWS

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## PINE COUNTY POTATO STANDARDIZATION PAYS

Practically 75 Per Cent of the 1922  
Tuber Acreage Will Be Planted to  
Green Mountain.

By S. B. Cleland

Does standardization of potato varieties pay? The farmers of Pine county evidently believe that it does, for they are just at present engaged in a standardization movement that bids fair to reduce soon the entire potato acreage of the county to one or two varieties.

For years the far-seeing men of the county have realized that the multiplicity of varieties, whether good or poor, was causing heavy losses to the growers. They were not furnishing potatoes the way the consumer wanted them, and consequently had to take the price the consumer was willing to pay for the mixed potatoes which the county had to offer.

### Foundation Work by Corwin

When W. J. Corwin, the first county agent for Pine county, started work in 1918, he found the Green Mountain variety fairly well established around Askov and in good favor wherever it had been tried throughout the county. He promptly lent his assistance to securing the widespread adoption of this variety in those communities where it was well-proven, and to establishing tests in all other parts of the county. He held a county-wide potato show in the fall of 1918, and another in the fall of 1919, attended by potato growers from all over the county, who carried home with them the ideals of correct type and true varieties, and an enthusiasm for better potatoes. Each spring he assisted in securing seed potatoes of pure stock for those who needed them. And always he urged the use of the one variety, Green Mountain, as the standard variety for the county, except in one locality where Rurals were becoming well established, and there he urged the use of the Rurals.

### Seconded by Idtse

In the spring of 1920, Mr. Corwin was succeeded by F. S. Idtse as county agent. Mr. Idtse picked up the potato work where Mr. Corwin had left it and carried it still further. In the fall of 1920 the great farm bureau membership campaign was put on. In Pine county 1,200 men joined the county farm bureau, and later organized themselves into community units of the farm bureau. Each unit, as the leader in the agricultural development of its community, cast about for the most important features needing improvement in their midst. Then it was

that standardization as a county wide effort was started in earnest. Community after community said in effect, "We have talked of standardization, we know it will be valuable, let us now do it." And at least 11 of the 25 or more recognized communities of the county adopted standardization of potato varieties as one of their principal projects. Besides these 11, several other communities were already well on the way toward complete standardization.

Did they accomplish anything? Listen to this: Prior to 1918 there could hardly be said to be any predominating variety in the county. The Green Mountain was becoming known in a few parts of the county. The Rural New Yorker was partially established in others. But by far the largest proportion of the potatoes of the county were so badly mixed that they could scarcely be named. Today the seed for the 1922 crop lies in the cellars of Pine county farmers, waiting for the spring. And that seed, according to careful estimate, will plant practically 75 per cent of the potato acreage of the county to pure Green Mountain potatoes, practically 10 per cent to pure Rural New Yorkers, and the remainder to other varieties.

How did they do it? Take the example of Denham, a thriving community on the Soo Line, in the northwest corner of the county, as an illustration. Like many other communities they adopted potato standardization as one of their projects. But they did not stop at saying so. They outlined a practical plan to bring it about. First they decided on the variety and chose Green Mountain. Then they agreed that every man should put in a small plot of that variety in 1921, for his seed for 1922. Then they inventoried the available Green Mountain seed and found they would need to ship in a supply. So they pooled their orders and shipped in 150 bushels of certified seed. As a consequence, practically every farmer had his seed plot and today has his seed in his cellar.

### Better Price Assured

The farmers of Pine county expect to get a better price for these uniform potatoes than they could ever hope to get for the mixed stock they formerly shipped. Not only that, but they feel that they have a variety which has stood the test as a practical variety for the soil conditions of that county. They have not standardized their potatoes because of any beautiful theories; they did it because their good business judgment told them it was a necessary thing to do, if they wanted to get maximum returns from their potato crop.

## DAIRY CALF CLUBS TO COMPETE AT FAIR

Change Will Be Made This Year  
from South St. Paul to Overcome  
Seasonal and Other Objections

After a thorough discussion with county agents and members of the Livestock Breeders association and others interested in the development of boys' and girls' dairy calf clubs, it has been decided that the state exhibit of the best dairy calf club calves from each county will be held in the future at the Minnesota State Fair in September instead of at South St. Paul in connection with the Junior Livestock show in November.

There are several reasons why it is thought this exhibit will bring better results at the fair. Some of the chief reasons why it cannot be as successful as it should be at South St. Paul are the lateness of the season, making it too cold to ship the more delicate dairy stock; the high cost of transportation; the fact that the big interest at South St. Paul is in the fat stock, and the further fact that sanitary conditions there are not favorable for exhibiting breeding stock to be returned to farms.

These objections will be wholly or in part done away with by holding this exhibit at the state fair.

Plans are not complete, but in general they include the following:

Each of the first 30 counties reporting having complied with requirements of having a membership of 10 in dairy calf clubs, and plans for a county dairy calf club exhibit at the county fair or otherwise with reasonable county prizes, will be entitled to send its two best dairy calf club members and their calves to the state fair competition. Full details of the plan will be sent out as soon as completed.

Club leaders and state fair authorities predict that 60 or more of the best dairy calves in the state, accompanied by their boy and girl owners, will be at the fair, and that the demonstration and judging work centering about this feature will be of great value not only to the juniors but to the grown-ups as well.

### Farm Bureau Finds Buyers

By securing buyers for 70,000 pounds of sweet clover seed, the Marshall county farm bureau office made \$700 for nine county growers who have been worrying about the sale of their seed at any price, according to B. R. Houser, Marshall county agent. The seed, which was not scarified, brought 6 cents a pound with reimbursements for sacks on track at Warren. Five cents a pound had been the previous best offer received at the farm bureau office.

## MINNESOTA EXTENSION SERVICE NEWS

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### MARCH, 1922

#### AN INVENTORY OF OUR JOB

The head of a large business corporation practices a unique method of improving his business. About once in two weeks he stays home from the office to think out the various problems of his organization. The office boy calls these days "the old man's thinking days," and says that after these periods things hum with renewed energy around the office. If we could somehow find time, energy, and inclination to just think about our job, even though it may be in the abstract, and at certain intervals attempt to analyze and inventory the job that we may be doing, a greater satisfaction and measure of efficiency would result. It is well worth while to stop and ask ourselves occasionally just what is being accomplished and how the organization may be improved upon and how a little better system even in small details might help in some of the larger results of our work.

#### DEAF HOMEMAKERS HELPED

One of the most unique groups of home demonstrators is organized with the Home Bureau of Duluth. This is a group of deaf women who are all homemakers. About two years ago the home demonstration agent conceived the idea of bringing these women together and letting them discover for themselves the value of concerted effort in self and home betterment. They eagerly accepted the opportunity and as a group enrolled for the budget project.

Since then they have taken the clothing project and the nutrition project. In the latter they have made home demonstrations in overcoming constipation, in child feeding and in meal planning. They have participated in all the discussions through Mrs. B. E. Erson, whose clever hands have done splendid service in interpreting, as none of the women was able to read the lips.

In reporting on home demonstrations, they say they have become much more observing, they "have opened

their eyes," read magazines and books more thoroughly and with better understanding.

The Duluth Home Bureau has justified its work in many, many ways, but in no way more thoroughly than in its work with the deaf homemakers.

#### CLUB WORK IN THE MOVIES

The producers of the boys' and girls' club picture entitled "Partners" announce that several films are now available for use in various parts of the state.

This picture of club work is the most elaborate that has yet been attempted and carries a very appealing human sentiment for the development of the boys' and girls' work in extension service.

Because of the cost involved and because it is believed that such projects should stand on their own merits in so far as possible, it has been decided to book the films at a nominal charge to cover the cost of production and distribution. It is hoped that sufficient interest will be aroused in the various counties to make possible the showing of the picture with a consequent developed interest in the junior extension projects.

#### WIDER VISION FOR YOUNG

If we are to foster the ambition in the younger generation to adopt for their life work a worthy, socially recognized, reasonably profitable business we must increasingly make more available the vision of comfortable homes, educational and social advantages, and equal partnership in leisure as well as labor, in comforts and conveniences as well as privations and hardships, in culture as well as farm practice.—Director F. W. Peck in Institute Annual for 1921.

#### IMPORTANT FEDERAL BULLETIN

County agents may be interested in sending for U. S. Department of Agriculture bulletin, No. 1000, entitled "Labor and Material Requirements of Field Crops." This bulletin presents in easily accessible figures the quantities of labor and other material required per acre for the production of given crops and illustrates by percentage figures a very practical method of extending the cost of production. Charts are also included illustrating the distribution of the crop labor through the season. For the planting of rotations and as an aid in reorganizing cropping systems this bulletin should be very valuable.

#### Pennington Breeders Win Prizes

Thief River Falls Guernsey breeders and sheep men sent a carload to the Red River Valley Winter shows at Crookston in February, capturing a large share of the prizes, according to J. J. McCann, Pennington county agent.

#### CASS COUNTY AWAKE

The farming and business interests of Cass county will try to raise their batting average in the matter of land clearing. For the last five years the rate of clearing in Cass county has averaged only 1.3 acres per farm a year. It is estimated that it would take 551 years at this rate to clear the remaining cutover land in that county.

The state university, county farm bureau, state forestry department and other influential interests will be the "fans" or "rooters" in this effort to fatten the batting average. If Beltrami and Itasca counties multiplied their land clearing operations five or six times in 1921, the Cass county settlers can do as well if not better in 1922.

Following the organization meeting at Walker, the county seat, land clearing meetings are to be held if possible with every farm bureau unit. The special problem of the different communities will be considered by the university, the county farm bureau and the forestry department men. Land clearing slides will be shown.

Cass county has been allotted two carloads of picric acid from the second consignment for Minnesota. Advices from Washington say that orders for this acid will receive prompt attention. The fact that dynamite prices are being reduced all along the line will doubtless also spur land clearing operations in the north.

#### JUNIORS TO HAVE OWN DEPARTMENT AT FAIR

Extension division people of University Farm have been notified by Thomas B. Canfield, secretary and general manager of the Minnesota state fair, that the board of governors of the State Agricultural society has made a new and special department for boys' and girls' club work for the fair this year. J. L. Mitchell has been appointed supervisor and T. A. Erickson, superintendent of this department. It is likely the juniors and their exhibits will be housed in a building by themselves. The board has the matter under consideration and is expected to take favorable action.

The new department will be divided into four divisions with an assistant superintendent in charge of each. Mrs. Margaret Baker will have charge of the division of home economics, including demonstration work in sewing, canning, bread making, etc.; R. H. Giberson will have charge of the division of livestock club exhibits and demonstrations; A. J. Kittleson will be in charge of the division of county club exhibits and demonstrations; Miss Genevieve Burgan will be in charge of boys' and girls' club camps.

Mr. Erickson, state leader of the juniors and superintendent of the new department, believes the fair board has taken an important step forward in that it will be possible to take care of junior club work at the fair in a more efficient manner than ever before.

## MANY HOMES BENEFIT BY CLOTHING PROJECT

Splendid Effort and Coöperation of Local Leaders Shown in Steele County Townships

In nine townships of Steele county definite plans have been made whereby it is possible for all the women to receive instruction and assistance in the problems that confront them in garment selection and construction.

This work is carried to the women through the work of local leaders who represent the various townships and meet in Owatonna for instructions and practical work in clothing. Each leader keeps in mind during the demonstrations the fact that she is to take back to her township group any information which may be helpful. The regular and prompt attendance of the local leaders speaks well for the interest of the women and for their generosity in giving such a valuable service to their community.

The busy farm woman must devote two full days each month to this work, besides whatever additional outside time she uses in preparation for her meeting.

The work includes the teaching of the principles of dressmaking and the best and shortest methods in sewing, also the selection of materials and clothing. The large number of women who attended these meetings prove the value of the work. During December, 92 women in the nine townships attended the first meeting of the clothing project, while the attendance at the second meeting totaled 108.

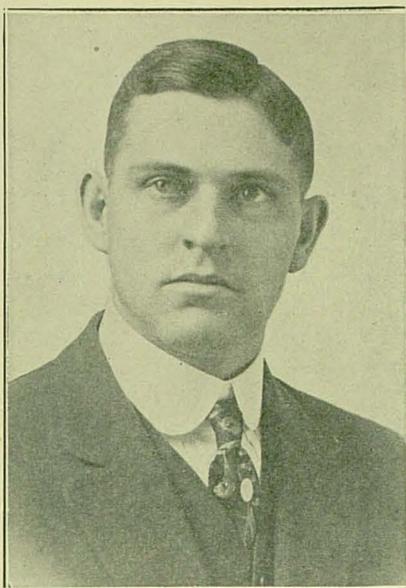
It is evident that the final report of the third meeting will far surpass the first two in number and in results accomplished, as this includes the making of the dress form. Two other meetings are to be held before the clothing project is completed.

The reports of the women in the local leader class show that keen interest is taken by the women as a whole, and the questions that arise prove that the information obtained is put into practical use.

## APRIL 3 TO 7 JUNIOR SHORT COURSE DATES

The week of April 3 to 7 inclusive is likely to bring to University Farm a perfect inundation of boys and girls. These are the dates selected for the annual short course for the juniors. In recent years only club boys and girls have been permitted to register for this course. This year all Minnesota boys and girls between the ages of 11 and 19 inclusive are qualified to attend. The forenoons will be devoted to instruction in cooking, canning, garment making, and the growing of livestock, poultry, corn, potatoes, garden truck, etc. Sight seeing tours will feature the afternoons, and moving pictures will be exhibited evenings in the big assembly room.

Short courses for boys and girls will also be held at the West Central School of Agriculture at Morris on April 5, 6, 7 and 8, and the Northwest School of Agriculture at Crookston on April 3 to 7 inclusive.



RALPH F. CRIM

## RALPH F. CRIM JOINS VARSITY FARM STAFF

Ralph F. Crim, until recently county agent of Cottonwood county, has accepted appointment with the agricultural extension and farm crops divisions at University Farm. His time will be divided equally between the two divisions. His work for the extension division will have to do with an aggressive program of farm crops work as outlined by the leaders of that division coöperating with the station agronomists. He will be expected to serve as a connecting link between the farmers and the station workers, in the hope that he will bring to the attention of the latter various farm problems the solution of which will be of benefit to the people on the farms.

The division of farm crops, says Andrew Boss, its chief, will use Mr. Crim in helping to determine the variety and crop adaptations and limitations so far as soil types, climatic conditions and other governing factors are concerned; to make a statistical study of crop production by well defined agricultural areas, and to establish the relation of crop production in Minnesota to that in surrounding states and the United States; to promote crop standardization and crop breeding lines.

Mr. Crim is a native of Ohio and was reared on a farm. He was graduated from Ohio State University at Columbus. From 1913 to 1915 inclusive, he was high school instructor in agriculture at Slayton, Minn., and from 1916 to 1918 occupied a similar position in the schools of Benson, Minn. He was appointed county agent of Cottonwood county in February, 1918.

## Institute Program Praised

T. G. Stitts, Meeker county agent, declares that the system of having a definite program mapped out for farmers' institutes, such as is being done this year, is a splendid step for the betterment of institute work.

## WOMEN DRIVE TEN MILES TO MEETING

How County Agent Abbott Organized Clothing Work for Three Groups—Other Projects Now Planned

Under the leadership of M. M. Abbott, county agent, the women in three communities in Koochiching county carried on a clothing project. Each group organized with a project leader, and with Miss Adele Koch, the assistant state home demonstration leader, outlined a clothing project of four meetings, one to be held once a month. A leader for each meeting was elected.

The subject matter material for this work was furnished by the office of extension work with women and the leader of each meeting. Each of these communities sent a representative to International Falls where they were taught how to make the paper dress form so that this practical aid to dress-making could be obtained by all the members.

During January Miss Koch and Mr. Abbott visited each of these groups and the leaders gave final reports. The women from Loman and Indus met at Indus, the women from Loman driving 10 miles in an open sled to attend the meeting.

The leaders of the three groups reported that eight dress forms had been made, two dresses, one waist, nine patterns were cut off and 19 garments and articles were made, using decorative stitches.

All of these groups planned new projects, two of them taking up millinery and one of them home management. The millinery is to be given by a local leader, Mrs. Emerson, whose services have been secured by the county agent. The third group will carry on a home management project.

A fourth group was organized at Birchdale to take up the clothing project aided by some of the local leaders at Indus.

## GOVERNOR DESIGNATES STATE POULTRY WEEK

For the first time in the history of this country so far as known, a governor of a great commonwealth has issued a proclamation designating a Standard Bred Poultry Week. Governor J. A. O. Preus has designated the week of March 13 to 18 as Standard Bred Poultry Week throughout Minnesota. In harmony with the governor's proclamation, Director F. W. Peck of the university's agricultural extension service urges farmers and poultrymen to observe the week by taking steps to improve their flocks.

## Poultry Marketing Association

Because eastern markets were said to be paying 60 to 65 cents a pound for poultry, while local men were getting but 22 cents a pound, Pennington county poultry raisers coöperating with the farm bureau formed a marketing association and appointed a committee to find out facts regarding marketing of poultry in carload lots. The association aims to handle all poultry in the vicinity of Thief River Falls.

# COUNTY SUPPORT OF EXTENSION SERVICE

By F. E. Balmer

The county extension service in Minnesota will soon be 10 years old. This service is maintained coöperatively by county farm bureaus, boards of county commissioners, the agricultural extension division of the University of Minnesota, and the United States Department of Agriculture.

It was the purpose of congress in enacting the Smith-Lever law that by 1923, when the act matures, at least one trained agent should be provided for each agricultural county in the United States.

The financial aid available from the federal and state governments, which during the present year amounts to \$360 and \$1,000 respectively, has been forthcoming regularly. Likely the county farm bureaus have supplied more funds in support of salaries and expenses of county agents than should have been done consistent with what is needed to make the county farm bureau organization itself function effectively. In general, boards of county commissioners have given whole-hearted support to the county extension service. Here and there, however, their aid is withdrawn and in every such case the continuance of the work on an effective basis is made most difficult. Misunderstanding and accompanying agitation are generally responsible for the failure of county boards to coöperate. Occasionally someone urges discontinuing the county appropriation to county agent work as a measure to reduce taxation, but the truth is that taxation will not be appreciably, if at all, reduced by withdrawing support to county agent work.

That this question may be satisfactorily studied, as well as the problem of permanent financing, the accompanying table has been prepared which shows the cost of county support to maintain the county extension service. The table answers the question for every county. The data as to the number and size of farms and improved acres per farm were taken from the federal census for 1920. The taxation data were taken and calculated from figures furnished in the Minnesota tax commission report for 1920 which reported taxes levied in 1921. From the table also, it may be noted that for the state at large the cost of total general taxes per acre of land in farms in 1921 amounts to \$1.32, whereas the cost of the present appropriation to extension work in the counties amounts to less than one-half cent per acre. A cost of less than one-half cent per acre out of \$1.32 does not add very materially to the cost of government.

Attention is also directed to the fact that in making these calculations of cost, no consideration has been given to the land area in each county which is not included in farms. The last column of figures in the table shows the extent of such land for each county, much of which outside of state lands is subject to taxation, so that the figures of cost as reported for each county will be less, and in several counties, particularly in northeast Minnesota, materially less than recorded in columns 15 and 16.

# DATA SHOWING RELATIVE COUNTY S

Counties	Number of farms (1)	Size of farms		Total assessed value of taxable property 1920 (4)	Total assessed value in 1921 exclusive of townships and rural properties (5)	Payable by townships and villages (6)
		Average acres (2)	Improved acres per farm (3)			
Aitkin	1,945	118.9	31.8	\$ 8,166,311	\$ 590,750	98,544.18
Anoka	1,589	134.7	76.5	8,036,853	280,800	200,002.59
Beltrami	2,631	172.7	95.4	12,329,900	425,800	188,215.21
Benton	3,065	149.9	29.3	10,744,811	590,300	441,075.66
Bigstone	1,561	140.9	81.3	8,546,982	208,740	155,238.85
Blue Earth	1,026	280.2	245.6	10,180,783	253,950	133,306.50
Brown	2,954	149.1	52.0	30,027,169	576,100	408,498.28
Carlton	1,976	186.8	147.2	20,963,809	409,200	300,875.17
Carver	1,917	96.6	28.6	9,455,488	358,800	237,067.58
Cass	2,009	108.7	69.0	15,345,782	329,200	240,340.24
Chippewa	1,579	152.5	47.2	7,613,240	530,600	444,277.42
Chisago	1,624	218.6	195.4	15,400,340	366,700	203,822.92
Clay	2,236	109.0	56.3	8,983,392	251,700	191,005.35
Clearwater	1,948	298.1	259.4	17,836,068	526,400	349,546.61
Cook	1,253	162.1	52.4	4,260,246	223,400	143,358.32
Cottonwood	1,421	130.0	19.5	1,908,158	103,500	166,699.84
Crow Wing	1,801	211.0	191.3	17,247,542	439,100	349,007.78
Dakota	1,281	148.4	53.4	14,072,285	374,500	264,343.23
Dodge	2,373	136.8	109.0	22,833,020	404,500	265,826.42
Douglas	1,636	151.0	128.0	13,334,814	372,900	250,481.63
Faribault	2,505	148.8	96.9	13,017,852	287,800	201,110.33
Fillmore	2,358	182.6	153.3	25,578,197	646,200	335,622.34
Freeborn	3,177	159.5	118.4	24,955,165	551,000	388,249.29
Goodhue	2,574	160.8	122.6	24,199,404	527,500	367,661.20
Grant	3,128	146.4	111.2	27,620,210	485,400	316,793.93
Hennepin	1,317	242.4	215.7	9,461,472	213,800	105,856.94
Houston	3,954	68.7	47.2	289,957,085	520,400	366,679.38
Hubbard	1,978	168.7	89.2	10,703,630	297,300	206,444.56
Isanti	1,252	153.4	64.2	5,244,748	250,000	173,325.56
Itasca	2,212	115.7	62.8	7,010,876	209,700	150,015.08
Jackson	1,436	117.7	23.4	28,831,192	720,400	497,622.68
Kandiyohi	2,218	191.5	168.0	23,770,274	646,700	373,325.12
Kanabec	1,568	116.3	43.1	5,163,991	274,000	173,304.40
Kasshopp	2,432	191.2	148.2	17,490,480	384,700	239,691.11
Kittson	1,409	314.4	242.8	8,960,129	359,100	230,511.11
Koochiching	944	161.0	23.8	6,701,577	384,700	298,446.36
Lac qui Parle	2,008	231.5	209.2	19,967,530	447,000	285,824.68
Lake	208	128.6	18.0	4,013,338	246,800	121,506.53
Le Sueur	2,269	116.7	78.9	16,783,776	396,300	264,979.97
Lincoln	1,468	208.0	184.4	12,561,185	421,900	241,514.84
Lyon	1,816	225.3	197.3	20,507,200	603,800	392,681.44
McLeod	2,447	122.2	103.2	18,298,436	379,000	202,993.52
Mahnomen	590	226.3	139.4	4,220,511	194,200	143,211.07
Marshall	2,697	272.3	194.1	15,008,402	597,400	390,537.79
Martin	2,435	179.6	152.9	27,311,932	663,200	305,850.80
Meeker	2,460	148.4	114.1	15,698,697	373,400	240,933.85
Mille Lacs	1,898	94.1	41.9	6,921,933	344,300	144,107.82
Morrison	3,095	142.2	73.7	13,836,826	505,600	276,835.33
Mower	2,364	170.9	150.0	25,368,538	488,000	295,164.40
Murray	1,876	221.7	205.0	20,322,058	444,400	220,544.62
Nicollet	1,497	178.7	141.0	12,298,705	261,800	133,044.99
Nobles	2,018	216.0	199.3	26,320,993	647,300	255,285.80
Norman	1,940	252.2	206.8	12,467,402	384,800	209,222.06
Olmsted	2,287	164.4	132.8	27,593,248	493,600	311,293.04
Ottertail	6,627	165.3	103.1	29,533,599	815,700	422,338.40
Pennington	1,221	233.2	159.3	6,185,826	182,100	102,435.70
Pine	3,088	108.0	39.5	10,760,081	638,100	347,985.33
Pipestone	1,187	232.8	209.0	15,413,395	364,800	204,377.43
Polk	4,200	254.6	200.5	27,676,551	860,600	487,402.11
Pope	1,802	211.5	160.0	11,050,149	309,700	127,574.00
Ramsey	983	53.4	36.8	158,846,826	147,400	108,453.70
Red Lake	907	247.8	175.9	4,469,698	138,800	79,021.44
Redwood	2,548	206.1	176.6	24,739,143	680,000	248,009.70
Renville	3,049	191.9	167.8	27,199,546	638,900	259,237.60
Rice	2,416	122.9	89.9	19,517,558	330,000	192,203.44
Rock	1,307	224.0	204.7	18,055,974	480,700	165,817.20
Roseau	1,854	224.5	114.5	7,091,696	295,000	187,111.80
St. Louis	4,271	64.2	21.0	372,657,587	4,965,100	2,487,803.40
Scott	1,628	129.1	73.8	10,864,307	278,600	133,246.50
Sherburne	1,400	160.7	91.4	6,066,111	203,300	103,033.50
Sibley	2,111	168.5	129.7	16,387,539	364,100	130,156.60
Stearns	4,598	169.8	108.6	34,308,228	655,900	355,952.70
Steele	1,860	139.4	114.6	15,344,577	316,600	176,319.80
Stevens	1,163	271.7	240.1	11,177,880	276,400	132,593.44
Swift	1,781	251.4	219.6	14,619,093	382,200	195,530.90
Todd	3,521	134.9	69.1	13,496,926	464,000	186,550.10
Traverse	1,035	310.1	290.4	10,206,210	253,300	98,650.50
Wabasha	1,831	173.5	121.9	13,946,233	302,800	180,112.50
Wadena	1,326	155.7	77.2	5,514,307	178,800	116,236.40
Waseca	1,609	154.3	120.1	13,485,210	326,400	181,685.00
Washington	2,014	110.2	77.9	13,296,630	336,200	173,923.10
Watsonwan	1,402	185.1	161.2	14,282,383	364,900	148,432.00
Wilkin	1,163	345.8	335.1	11,484,051	307,700	95,410.20
Winona	2,150	173.6	108.5	22,372,723	363,600	211,204.70
Wright	3,937	102.4	66.1	19,584,014	518,300	235,378.90
Yellow Medicine	2,109	217.2	184.3	19,153,928	510,500	165,554.20
Totals	178,478			\$2,084,285,979	\$39,743,090	9,529,481.00
State Average	2,075	169.3	120.4	24,235,883	462,128	808,482.00

The data in columns (1), (2), (3) and (17) were taken from the Federal Census for 1920. The remainder of the figures are calculations from the above. In column (14) the present figures are not shown.

COUNTY SUPPORT OF THE EXTENSION SERVICE IN MINNESOTA

Total general revenue in 1921 exclusive of payments	County general revenue taxes payable in 1921		Per cent county general revenue paid by townships (9)	Amount each \$1,000 county general revenue paid by townships (10)	Cost of \$1,000 annual county appropriation			Cost per acre total land in farms based on proportion paid by townships			Land area in acres not included in Farms (17)
	Total (7)	Paid by townships (8)			Per \$1,000 total assessed valuation (11)	Per farm based on proportion paid by townships (12)	Per acre improved land paid by townships (13)	Present county appropriation to Extension Work (14)	Present appropriation to Extension Work (15)	Total General Taxes (16)	
590,789,854.18	\$ 35,948.56	\$ 32,574.05	90.61	\$906.10	\$ .1220	\$ .465	\$ .0146	\$ 3000	\$ .0117	\$ 2.55	939,979
280,800,602.59	40,023.16	28,256.41	70.60	706.00	.1240	.444	.0058	2000	.0065	1.31	79,770
425,818,215.21	40,444.85	32,937.75	81.43	814.30	.0811	.309	.0032	2000	.0035	.94	409,022
590,341,075.66	70,035.66	49,538.34	70.73	707.30	.0928	.230	.0077	2000	.0030	1.28	1,986,503
208,741,553.85	42,734.95	31,440.44	73.57	735.70	.1170	.471	.0057	(1000)	.0033	.95	39,312
253,933,366.50	25,350.16	20,430.70	80.59	805.90	.0982	.787	.0032	1400	.0039	.88	26,713
576,126,074.88	54,948.89	37,395.13	69.18	691.80	.0333	.234	.0019	3000	.0047	1.30	47,294
409,239,875.57	64,982.35	46,184.57	71.07	710.70	.0477	.359	.0025	2000	.0038	1.11	22,567
358,803,007.58	36,876.40	18,349.54	49.75	497.50	.1057	.259	.0090	1200	.0031	1.93	369,681
329,271,463.04	46,037.34	38,028.43	82.60	826.00	.0651	.411	.0060	1000	.0038	1.51	22,258
530,991,442,777.42	36,543.51	30,932.21	84.61	846.10	.1310	.535	.0113	3000	.0105	2.203	1,105,827
366,782,032,822.92	31,571.58	25,195.55	79.80	798.00	.0649	.491	.0025	1000	.0022	1.03	33,204
251,781,510,055.35	27,129.82	20,102.34	74.09	740.90	.1110	.331	.0059	2000	.0061	1.93	29,461
526,483,349,546.61	38,525.90	29,588.44	76.80	768.00	.0510	.394	.0015	(1000)	.0013	.91	86,803
223,494,443,583.32	22,492.41	19,883.35	88.40	884.00	.2347	.705	.0134	1200	.0052	1.10	448,992
163,314,16,009.84	15,265.26	13,929.54	91.24	912.40	.5230	6.470	.3310	1000	.0497	8.92	940,386
439,101,49,406.78	37,079.03	32,444.72	87.50	875.00	.0579	.485	.0025	1800	.0041	1.15	29,557
374,597,64,343.23	57,066.81	25,362.72	45.49	454.90	.0701	.355	.0066	2500	.0065	1.97	486,380
404,506,55,826.42	74,599.11	40,395.82	54.15	541.50	.0438	.241	.0023	3000	.0050	1.21	58,652
372,951,50,481.63	35,795.24	30,381.07	85.08	850.80	.0749	.541	.0043	1500	.0052	1.50	34,573
287,812,201,110.33	26,035.84	20,868.16	80.15	801.50	.0768	.319	.0033	(1000)	.0021	.77	41,851
646,243,335,622.34	51,156.33	41,773.72	81.66	816.60	.0391	.346	.0022	2500	.0047	1.50	29,609
554,042,205,884.29	34,935.73	28,867.86	82.63	826.30	.0400	.260	.0022	2500	.0041	1.09	48,670
527,391,67,661.20	60,529.71	46,987.01	77.63	776.30	.0413	.301	.0024	1500	.0047	1.27	56,412
485,415,16,793.93	56,345.52	40,354.69	71.62	716.20	.0362	.282	.0021	1000	.0016	1.05	33,085
213,891,105,856.94	18,922.71	16,063.11	84.88	848.80	.1057	.644	.0030	(1000)	.0026	.67	34,630
529,648,866,679.38	1,963,018.22	1,044,178.72	5.32	53.20	.0034	.013	.0003	3000	.0006	1.95	89,838
297,395,96,444.56	32,110.82	26,942.47	83.90	839.00	.0934	.424	.0047	1500	.0038	.89	31,145
250,062,73,233.56	29,737.75	24,900.57	83.73	837.30	.1906	.668	.0104	2000	.0087	1.35	421,124
269,747,70,915.08	32,231.56	28,507.62	88.45	884.50	.1430	.399	.0064	(1000)	.0034	1.05	26,870
720,491,207,622.68	136,096.55	37,795.27	27.70	277.00	.192	.192	.0082	3000	.0049	1.43	1,578,224
646,771,173,325.12	40,172.52	36,137.85	89.95	899.50	.0420	.405	.0024	1500	.0032	1.52	24,488
274,687,73,364.40	25,819.96	21,973.83	85.10	851.00	.1940	.543	.0126	1500	.0070	1.51	159,449
384,713,239,991.11	65,063.71	51,538.51	79.21	792.10	.0572	.326	.0022	1750	.0038	1.07	47,699
359,123,73,294.51	60,032.85	51,538.51	86.03	860.30	.1116	.633	.0026	2500	.0050	.81	268,101
384,713,239,991.11	33,595.67	20,396.90	60.87	608.70	.1403	.645	.0271	3000	.0120	2.52	1,857,733
447,088,155,824.68	60,102.27	52,834.86	87.91	879.10	.0500	.437	.0021	2000	.0038	.96	40,816
246,861,121,506.53	20,066.71	14,708.17	73.29	732.90	.2500	3.522	.1960	1919	.0525	9.23	1,316,621
396,381,195,264.97	60,758.98	48,567.01	79.93	799.30	.0595	.352	.0045	2000	.0060	1.50	33,426
421,955,141,514.82	59,037.30	50,813.13	86.06	860.60	.0796	.586	.0032	2500	.0070	1.38	37,085
60,385,292,681.44	41,014.56	33,048.19	80.57	805.70	.0487	.444	.0025	2000	.0039	1.47	43,902
379,038,202,993.57	60,384.89	48,118.27	79.68	796.80	.0546	.326	.0032	1500	.0039	1.27	18,300
194,213,43,211.07	25,220.00	22,617.97	89.68	896.80	.2360	1.520	.0109	1200	.0061	1.45	232,581
597,440,190,853.79	64,998.35	55,998.58	86.16	861.60	.0666	.319	.0016	2000	.0023	.81	409,888
663,243,305,850.89	64,219.78	54,035.97	84.14	841.40	.0366	.345	.0022	1500	.0029	1.52	22,831
373,445,146,933.85	45,526.21	38,565.89	84.71	847.10	.0638	.344	.0030	2750	.0063	1.22	32,480
344,397,144,197.84	30,041.40	24,125.51	80.31	803.10	.1444	.423	.0100	1000	.0045	1.93	194,570
505,652,276,835.33	69,184.16	52,622.20	76.06	760.60	.0722	.245	.0033	3000	.0051	1.14	291,507
488,077,490,516.46	55,060.41	42,172.98	76.59	765.90	.0394	.324	.0022	1200	.0023	1.21	50,948
444,445,120,544.62	40,544.11	36,584.74	90.01	900.10	.0491	.479	.0023	2000	.0043	1.07	34,688
261,871,133,644.94	34,190.44	27,494.82	80.42	804.20	.0810	.537	.0037	1500	.0045	.98	15,999
647,399,255,285.86	50,009.90	42,108.76	84.21	842.10	.0380	.412	.0021	1500	.0029	1.48	24,472
384,713,239,991.11	38,025.47	33,813.69	88.92	889.20	.0800	.458	.0022	1000	.0014	.78	61,042
493,667,731,293.04	59,812.20	60,666.60	101.28	1012.80	.0362	.265	.0020	2000	.0032	1.37	50,919
815,764,422,338.49	85,650.15	68,744.89	80.26	802.60	.0330	.121	.0012	3000	.0022	.74	209,221
182,103,192,435.79	28,454.01	19,433.00	68.29	682.90	.1616	.559	.0035	(1000)	.0024	.64	103,792
638,161,147,085.37	50,572.40	43,056.56	85.14	851.40	.0929	.276	.0070	1500	.0031	1.91	570,902
364,862,264,377.47	35,760.06	27,258.17	76.22	762.20	.0648	.642	.0031	1500	.0041	1.32	23,780
860,651,487,402.17	79,708.32	66,001.32	82.92	829.20	.0361	.200	.0009	(1000)	.0008	.80	197,405
309,741,127,574.04	30,940.38	26,585.66	85.92	859.20	.0905	.476	.0030	(1000)	.0022	.81	62,392
147,478,108,453.79	711,633.79	116,105.74	2.26	22.60	.0063	.023	.0006	2500	.0001	2.81	50,542
138,821,79,021.42	22,744.42	19,313.98	84.92	849.20	.2237	.936	.0053	3000	.0113	.62	51,751
680,021,248,009.70	60,607.15	50,728.65	83.70	837.00	.0404	.328	.0019	2000	.0031	1.29	38,766
638,907,259,237.67	62,559.04	52,396.21	83.75	837.50	.0367	.275	.0016	2500	.0036	1.09	40,764
330,001,492,203.48	74,166.92	48,309.85	64.59	645.90	.0512	.267	.0030	3000	.0065	1.11	19,762
480,731,165,817.25	36,126.19	31,310.75	86.67	866.70	.0550	.663	.0032	2500	.0074	1.64	22,076
295,077,87,411.88	19,998.98	17,608.18	88.05	880.50	.1410	.474	.0041	1800	.0038	.73	652,506
4,905,199,487,803.41	871,646.11	194,820.76	22.35	223.50	.0027	.523	.0024	7000	.0039	1.23	3,759,569
278,601,133,246.54	41,075.22	33,231.84	80.90	809.00	.0920	.497	.0067	2000	.0077	1.32	24,022
203,309,63,633.52	29,238.91	24,841.49	84.96	849.60	.1648	.607	.0066	1500	.0057	.90	61,791
364,101,130,156.66	36,052.58	31,290.50	86.79	867.90	.0610	.411	.0032	2000	.0049	1.02	18,591
655,951,655,952.75	155,419.42	104,647.96	67.33	673.30	.0291	.146	.0013	2000	.0017	.84	90,791
316,691,376,319.82	54,935.43	39,517.42	71.93	719.30	.0652	.387	.0034	2500	.0069	1.22	16,625
276,427,132,593.40	39,772.09	33,140.16	83.32	833.20	.0894	.716	.0030	1800	.0047	.87	44,952
382,291,195,530.93	40,056.32	33,105.64	82.87	828.70	.0684	.465	.0021	(1000)	.0018	.85	26,451
464,018,186,550.13	45,618.70	37,927.13	83.14	831.40	.0741	.236	.0034	3000	.0052	.98	137,529
253,308,98,650.57	25,516.41	22,894.82	89.72	897.20	.0979	.867	.0030	1000	.0028	.79	42,518
392,813,280,112.52	67,360.21	49,633.99	73.68	736.80	.0717	.402	.0033	2000			

## FREE TRIPS TO FAIR AWARDED CLUB BOYS

Personnel of the Annual Camp at the State's Big Exposition Announced by Club Leader

About 180 Minnesota club boys have won free trips to the 1922 Minnesota state fair and membership in the eleventh annual farm boys' camp at the fair. This is no small honor, for only boys who have excelled in some line of club work are chosen to enjoy an entire week of practical education and entertainment combined at Minnesota's great farm show.

Every county in the state is entitled to have two club boys at the fair. Some of the larger counties like St. Louis will have three representatives. To gain admission to the camp a boy must be 15 years old or over.

The camp will again be under the supervision of Roscoe C. Coffin of Minneapolis, assistant state secretary of the Young Men's Christian association. Strict discipline will be maintained. To assist in reimbursing the state fair management for the cost of the camp, the boys will be assigned to some work each day such as ushering in the grand stand and livestock pavilion. The boys will be divided into groups in charge of a competent instructor and given opportunity to study state fair exhibits in a systematic manner.

The state fair winning list as prepared in the office of T. A. Erickson at University Farm is as follows:

Aitkin—Harold Bullen, McGrath, potato; Ernest Strom, Hill City, pig.  
Anoka—Clarence Sharer, Anoka, calf; Ralph Giddings, Anoka, calf.  
Blue Earth—Lester Cox, Garden City, corn; Edmund Flynn, Mapleton, corn and pig.  
Beltrami—Harold Rohrer, Turtle River, pig; Norman Webster, Nebish, potato.  
Becker—Rudolph Londeen, Callaway, pig; Benhard Carlson, Detroit, dairy calf.  
Benton—Walter A. Machula, Sauk Rapids, poultry; George Wolf, Foley, dairy calf.  
Brown—Marvel Schultz, Sleepy Eye, corn; Ralph O'Toole, Sleepy Eye, sow and litter.  
Bigstone—Gordon Nelson, Correll, corn; Alvin Carlson, Graceville, sow and litter.  
Clearwater—Elmer Anderson, Clearbrook, potato; Elmer Gordon, Shevlin, potato.  
Carlton—Harold Johnson, Moose Lake, potato; Verner Peterson, Moose Lake, potato.  
Chisago—Walter Mickle, Rush City, calf; Raymond Morrison, Wyoming, calf.  
Cook—Theodore Tofte, Tofte, potato; Hilmer Isaacson, Grand Marais, potato.  
Clay—Earl Murray, Moorhead, potato; Luther Mumford, Glyndon, potato.  
Cass—Fredrick Peltzer, Motley, dairy calf; Harold Schultz, Pequot, dairy calf.  
Carver—Elmer Dahl, Carver, pig; Frank Lundsten, Waconia, calf.  
Cottonwood—Vern Immer, Jeffers, corn; Clifford Schweiger, Mountain Lake, corn.  
Chippewa—Harold Gerber, Montevideo, baby beef; Donald Ward, Montevideo, baby beef.  
Dakota—Leroy Heglund, Farmington, corn; Carl Schaar, Farmington, pig.  
Dodge—Lawrence Kleinpiet, Mantorville, pig; George Round, West Concord, dairy calf.  
Faribault—Donald Purdie, Wells, poultry; Adolph Nervig, Wells, garden.  
Fillmore—Karl Leibold, Stewartville, pig; George Hutchinson, Lime Springs, Ia., baby beef.  
Goodhue—Albert Lunde, Zumbrota, dairy calf; Jerome Lee, Wanamingo, pig.  
Grant—Kenneth Jeppson, Wendell, pig; Leo Martin, Wendell, pig.  
Hubbard—Thomas Jondahl, Laporte, potato; Dale Smith, Park Rapids, potato.  
Houston—Harry Lommen, Caledonia, corn; Alvie Lind, Caledonia, baby beef.  
Freeborn—Arthur Drescher, Twin Lakes, dairy calf; Reuben Anderson, Clarks Grove, pig.  
Isanti—Eddie Okerstrom, Isanti, dairy calf; Paul Rystrom, Isanti, dairy calf.  
Itasca—Clifford Miller, Grand Rapids, potato; Oscar Erickson, Grand Rapids, potato.

Jackson—Adrian L. Garoutte, Heron Lake; Victor Peterson, Heron Lake.  
Kanabec—James Donovan, Mora, dairy calf; Elmer Haase, Mora, dairy calf.  
Kandiyohi—Edward Peterson, Willmar, sow and litter; Raymond Westburg, Willmar, calf and pig.  
Kittson—Teddy Carlson, Hallock, calf; Per Granquist, Orleans, poultry.  
Koochiching—John Ward, Rauch, potato; Carlsson Romer, International Falls, poultry.  
Lac qui Parle—Milton Lund, Madison, pig; Durveen Hermanson, Boyd, corn.  
Lake—Simond Lind, Two Harbors, potato; Donald Fox, Two Harbors, potato.  
Le Sueur—Elmer Sinele, Le Sueur, corn; Bernard Retka, Le Sueur Center, pig.  
Lincoln—Ingvald Hanson, Hendricks, poultry; A. J. Zimmer, Lake Benton, baby beef.  
Lyon—Edwin Thomas, Tracy, sow and litter; Harold Hook, Tracy, corn.  
McLeod—Warren Nobles, Sumter, pig; Harold Christensen, Hutchinson, calf.  
Mahnomon—Sterling McGrath, Mahnomon, dairy calf; LeRoy Fabre, Waubun, dairy calf and pig.  
Marshall—Einer Loven, Gatzke; Henry Marshall, Argyle, pig.  
Martin—Arnold Kanning, Fairmont, pig; Otto Klindt, Sherburn, baby beef.  
Meeker—Fred Nordstrom, Kingston, pig; Peter Cassidy, Litchfield, baby beef.  
Mille Lacs—Lloyd Bisso, Princeton, pig; Wilfred Johnson, Milaca, pig.  
Morrison—Cyril Kjeldergaard, Cushing, potato; Oscar Youngdale, Little Falls, pig.  
Mower—James Cauley, Rose Creek, sow and litter; Zeno Schneider, Adams, poultry.  
Murray—Lee De Grissell, Balaton, calf; Bert Sandberg, Slayton, pig.  
Nobles—Carl Horstman, Round Lake, baby beef; Donald Calvin, Worthington, corn.  
Nicollet—Melvin Ostad, St. Peter, corn; Otto Peterson, St. Peter, corn.  
Norman—Kenneth Todd, Hendrum, pig; Ingman Christopherson, Hendrum, pig.  
Olmsted—Jay Seymour, Eyota, pig; Milo Pennington, Rochester, poultry.  
Ottertail—Goodwin Houg, Rothsay, pig; Alfred Nodsee, Erhard, pig.  
Pennington—Gorman Thompson, Goodridge, dairy calf; Donald Hardisty, Thief River Falls, dairy calf.  
Pine—Roany Sebald, Askov, potato; Harry Munkberg, Grasston, potato.  
Pipestone—Theodore Hovick, Ihlen, baby beef; John Hein, Pipestone, poultry.  
Polk—Ray Clark, Beltrami, pig; Royal Gast, Beltrami, dairy calf.  
Pope—Lester Rombough, Villard, pig.  
Ramsey—Warren Schulze, Como Station, potato; Edwin Bloom, White Bear, potato.  
Red Lake—Walter Burke, Brooks, potato; Donald Sherman, Ulen, potato.  
Redwood—Walter Batzlaff, Lambertson, pig.  
Renville—Richard Fisher, Sacred Heart, corn; Leonard Smith, Franklin, pig.  
Rice—Verne Coon, Faribault, corn; Raymond Thibodeau, Faribault, sow and litter.  
Rock—Fred Paulson, Steen, baby beef; Dick Aukes, Steen, baby beef.  
Roseau—Warren Goodrich, Greenbush, potato; Emil Boyum, Badger, pig.  
Scott—Emmett Casey, Prior Lake, baby beef; George Schauflier, Jordan, dairy calf.  
Sherburne—Wayne Stavrum, St. Joseph, baby beef; Frank Schufenberg, St. Cloud, baby beef.  
Sibley—Theo. Lieske, Henderson; Herman Trick, Green Isle.  
St. Louis—Mike Jerina, Aurora, poultry; Paul Beck, Toimi, potato; Waino Nelmark, Angora, potato.  
Stearns—Kilden Neubeck, Kimball, pig; Herman W. Meyer, Melrose, dairy calf.  
Steele—Everett Nelson, Blooming Prairie; Richard Bartsch, Owatonna.  
Stevens—Lester Stensby, Hancock, pig; Clark Roberts, Alberta.  
Swift—Emmett McCarthy, Clontarf, pig; Clarence Mikkelson, Clontarf, pig.  
Todd—Wilbert Anderson, Clarissa, pig; Rudolph Erickson, Long Prairie, dairy calf.  
Traverse—James Averill, Collis, corn; William Minder, Browns Valley, pig.  
Wabasha—Howard Foster, Minnieska; Clarence Christison, Plainview.  
Washington—Merchant Otto, Forest Lake, dairy calf; Edward Hageman, Hastings, baby beef.  
Wadena—Milton Fischer, Wadena, potato; Eddie Anderson, Staples, dairy calf.  
Waseca—James Hawkins, Waldorf, sow and litter; Clarence Rynerson, Jonesville, corn.  
Watsonwan—Arthur Blaha, St. James; Gordon Dewar, Lewisville.  
Wilkin—Harry Johnson, Wolverton, pig; Rudolph Nelson, Wolverton, pig.  
Winona—Harold Mayan, Winona, poultry; Jerry Burke, Lewiston, dairy calf.  
Wright—Ellsworth Anderson, Cokato, poultry; Tony Kriedler, Monticello, sow and litter.

## COW TESTING GROUPS IN STATE NUMBER 35

Cow testing association work in Minnesota continues to make important gains. Since the National Dairy show was held in the Twin Cities last October, 15 new cow testing associations have been added to Minnesota's list, making a total of 35 in the state at this time, according to E. A. Hanson of University Farm, in charge of field work for all such associations. The largest number in active operation at any time before this date was 26, says Mr. Hanson.

The new associations are the Brook Park of Pine county, the Kanabec, Meeker, Mower, Nicollet, Ottertail, Pennington, Renville, Winona and Anoka county associations, the Dover and Byron associations in Olmsted county, the Zumbro Falls association in Wabasha county, the Barnum association in Carlton county, and the Withrow association in Washington county.

The monthly reports from the associations show a growing tendency towards better feeding methods among members of testing associations. Mr. Hanson reports that an outstanding record for grades was made by a grade Holstein cow in the Blue Earth county association. This cow produced 950 pounds of butter in a year on three times a day milking. Mr. Hanson says that to date this is the leading cow among the grades reported by cow testing associations in Minnesota.

## FILM STORY OF CLUB WORK NOW BEING TOLD

The story of the purpose, organization and results of boys' and girls' club work is being flashed on the screen in various Minnesota towns. Five copies of the film, which was made under the auspices of the agricultural extension service of the state university and the Union Stock Yards company of South St. Paul, have been prepared, and there is prospect that hundreds of bookings for the picture will be made over the state.

The film is entitled "Partners," meaning the partnership which is generally developed by club work between the juniors and their fathers. The scenes portray the life history of boys' and girls' livestock clubs, the work of the county farm bureau and its agents, county fair and South St. Paul activities, including the award of prizes, auction, banquet, etc.

F. W. Peck, director of agricultural extension for the university, says: "This fine story makes a strong appeal to those who are at all interested in the development of boys and girls into future farmers. We heartily recommend it as an educational aid in furthering junior club work." T. A. Erickson, the state club leader, says: "It is by far the best rural life film I have ever seen and it should be shown in every community."

### New Club at Radium

Through the efforts of B. R. Houser, Marshall county agent, a community club has been organized at Radium. Meetings are held every three weeks.

## PROJECTS SCHEDULED BY OFFICE EXTENSION WORK WITH WOMEN

The home projects which cover a period of five months are being carried on in the following counties. The schedule up to July 1 has been sent out by the office of extension work with women.

### Clothing

Dakota county, specialist, Miss Eunice Ryan, March 7, 8; April 4, 5; May 2, 3; May 30, 31; June 27, 28.  
Faribault county, specialist, Miss Ryan, March 16, 17, 18; April 13, 14, 15; May 11, 12, 13; June 8, 9, 10.  
Fillmore county, specialist, Miss Ryan, March 29, 30, 31; April 26, 27, 28; May 24, 25, 26; June 21, 22, 23.  
Kanabec county, specialist, Miss Inez Hobart, February 16, 17, 18; March 16, 17, 18; April 13, 14, 15; May 11, 12, 13; June 8, 9, 10.  
Lac qui Parle county, specialist, Miss Hobart, February 8, 9, 10; March 8, 9, 10; April 5, 6, 7; May 3, 4, 5; May 31, June 1, 2.  
Mahnomens county, specialist, Miss Hobart, February 23, 24, 25; March 23, 24, 25; April 20, 21, 22; May 18, 19, 20; June 15, 16, 17.  
Martin county, specialist, Miss Ryan, March 13, 14, 15; April 10, 11, 12; May 8, 9, 10; June 5, 6, 7.  
Milaca county, specialist, Miss Hobart, February 14, 15; March 14, 15; April 11, 12; May 9, 10; June 6, 7.  
Morrison county, specialist, Miss Ryan, April 18, 19; June 13, 14.  
Red Lake county, specialist, Miss Hobart, March 2, 3, 4; March 30, 31, April 1; April 27, 28, 29; May 25, 26, 27; June 22, 23, 24.  
St. Louis county, specialist, Miss Ryan, March 21, 22; May 16, 17; Duluth, March 23, 24; May 18, 19.  
Waseca county, specialist, Miss Ryan, March 9, April 6, May 4, June 1, June 29; Owatonna, March 10.

### Home Management

Aitkin county, specialist, Miss Mary L. Bull, February 27, 28, March 1; March 27, 28, 29; April 24, 25, 26; May 22, 23, 24; June 19, 20, 21.  
Crow Wing county, specialist, Miss Bull, March 2, 3, 4; March 30, 31, April 1; April 27, 28, 29; May 25, 26, 27; June 22, 23, 24.  
Minneapolis, specialist, Miss Bull, February 20, 21; March 21, 22; April 18, 19; May 16, 17; June 13, 14.  
St. Paul, specialist, Miss Bull, February 23, 24; March 23, 24; April 20, 21; May 18, 19; June 15, 16.  
Sibley county, specialist, Miss Bull, March 8, 9, 10; April 5, 6, 7; May 3, 4, 5; May 31, June 1, 2; June 28, 29, 30.  
Todd county, specialist, Miss Bull, March 15, 16, 17; April 12, 13, 14; May 10, 11, 12; June 7, 8, 9.

### Nutrition

Becker county, specialist, Miss Inez Hobart, February 21, 22; March 21, 22; April 18, 19; May 16, 17; June 13, 14.  
Lake county, specialist, Miss Lucy Cordiner, March 6, 7, 8; April 3, 4, 5; May 1, 2, 3; May 29, 30, 31; June 26, 27, 28.  
Marshall county, specialist, Miss Hobart, February 27, 28, March 1; March 27, 28, 29; April 24, 25, 26; May 22, 23, 24; June 19, 20, 21.  
Minneapolis, specialist, Miss Cordiner, February 28, March 28, April 25, May 23, June 20.  
Nobles county, specialist, Miss Cordiner, March 15, 16, 17; April 12, 13, 14; May 10, 11, 12; June 7, 8, 9.  
Pipestone county, specialist, Miss Cordiner, March 1, 2, 3; March 29, 30, 31; April 26, 27, 28; May 24, 25, 26; June 21, 22, 23.  
St. Louis county, specialist, Miss Cordiner, March 9, 10, 11; April 6, 7, 8; May 4, 5, 6; Duluth, March 13.  
St. Paul, specialist, Miss Cordiner, March 21, April 18, May 16, June 13.  
Watsonwan county, specialist, Miss Cordiner, February 22, 23, 24; March 22, 23, 24; April 19, 20, 21; May 17, 18, 19; June 14, 15, 16.

### Poultry

Dakota county, specialist, Miss Cooke, March 21, April 18, 19; May 16; June 13, 14.  
Morrison county, specialist, Miss Cooke, March 7, 8, 9; April 4, 5, 6; May 2, 3, 4; May 30, 31, June 1; June 27, 28, 29.  
Martin county, specialist, Miss Cooke, April 21, June 16.  
Nicollet county, specialist, Miss Cooke, March 27, 28, 29; April 24, 25, 26; May 22, 23, 24; June 19, 20, 21.



EUNICE RYAN

Clothing Specialist, Office of Extension Work  
With Women, University of Minnesota

St. Louis county, specialist, Miss Cooke, March 24, May 19.  
Waseca county, specialist, Miss Cooke, March 22, April 20, May 17, 18; June 15.  
Wilkin county, specialist, Miss Cooke, March 14, 15, 16; April 11, 12, 13; May 9, 10, 11; June 6, 7, 8.  
Winona county, specialist, Miss Cooke, March 30, 31, April 1; April 27, 28, 29; May 25, 26, 27; June 22, 23, 24.

## GREATER COOPERATIVE EXTENSION SERVICE

Believing that the problem of distribution is too complicated for solution by a single group or class of people, but should be attacked by a combination of groups and classes in the various communities, Frank T. Wilson, of the state university, who is in charge of the Minnesota community service, is urging the merchant, banker and common carrier to get together on plans to promote this particular extension service.

"Supplement the farm bureau with the store bureau, the farm club with the town club," he says, "and unite locally in a common community league or council. This will bring to pass the greater cooperative extension service. It must be done by local forces. The universities can and will cooperate so far as they have the means and the facilities. Their work is educational. They can and do gather information and knowledge to be disseminated through extension work. But before they can do this for the entire community, as it is done for rural districts, there must be created community organization and community cooperation. What the universities can do rests largely with the communities themselves."

Detailed information with reference to this work of the general extension division of the university can be obtained on application to Judge Wilson, room 5, engineering building, main campus, Minneapolis.

## UTILITY POULTRY SHOW PROFITABLE, POPULAR

That the people of Wilmont appreciate the value of community spirit was evidenced a few weeks ago when the commercial club of that village staged a utility poultry show for the farmers of surrounding townships. Entries were limited to four townships, and village poultrymen were allowed to exhibit only in case the coops were not all filled. Only standard bred birds were eligible. Entries were made and judged by pens consisting of one male and three females. In all, there were 185 birds in 51 pens. In addition to the poultry, 20 dozen eggs were judged on the basis of market value.

Prizes in merchandise and cash were given by members of the commercial club. The layer prizes were given to winners in the layer classes. A uniform cash prize was given for single entries in a class.

The merchants made this a day of special attractions in bargains and special merchandise. There was a large attendance at the afternoon lecture on poultry housing and the demonstrations of culling and egg candling.

The following extract from a local paper is of interest as reflecting the feeling of the community:

"The show was Wilmont's first and under the circumstances, we can consider it as good as any event that could have been staged at this time. It brought out the fact that the farmers of this section are raising much more standard bred poultry than most people thought. Among the many exhibits some excellent birds were shown, and we believe that our second annual show, which will no doubt be given next winter, will find the exhibits larger in number and better in quality."

## BANKERS TO FINANCE INVESTMENT IN COWS

To enable farmers to purchase cows, the First and People's State bank of Thief River Falls under an arrangement with the Pennington county farm bureau has set aside \$10,000 to be loaned at 6 per cent to farmers filling out a questionnaire made up in the farm bureau office, according to J. J. McCann, Pennington county agent. Farmers will be questioned, he says, as to how many acres of corn, alfalfa and pasture they have on their farms and how many cows their buildings will accommodate. The bank has also agreed to finance the purchasing of bulls for a bull association to consist of several blocks in Pennington county.

### New Agent in Scott County

Succeeding Robert Geiger, who resigned to become secretary of the Minnesota State Holstein Breeders association, William E. McFetridge of Oshkosh, Wis., is the new Scott county agent. Reared on a Wisconsin farm, he is a graduate of the college of agriculture of the University of Wisconsin, and from 1909, the year of his graduation, until 1912 he was employed by the Wisconsin State Experiment station. For seven years he was manager of a farm in Wisconsin.

## CLUB BOYS AND GIRLS SHOW BEST POTATOES

**Older Exhibitors at Crookston Concede Superiority of Juniors' Display—Girls Lead in Livestock**

Boys and girls of northwestern Minnesota who were enrolled in club work last year were well represented at the Farm Crops show held at Crookston Feb. 6 to 11. Their potato exhibit was the biggest and best they have ever put on in connection with that show. In fact, the grownups admitted it was better than theirs. The corn exhibit while not so large was of excellent quality.

Twenty-six boys and girls exhibited baby beeves, dairy calves and pigs in the junior livestock division. Monica Zurn of Becker county won the silver cup given by the Red River Valley Dairymen's association for the best dairy calf. She won the cup last year on her Holstein calf, and says she is coming back next year to win again. However, there are several boys and girls in the valley who will try to prevent her doing so, as another winning gives her permanent possession of the cup.

### Silver Cup to Marshall

The silver cup offered by the Ninth District Bankers association for the grand champion baby beef was won by Elvin Hanisch of Marshall county. Ralph Finkenbinder of Polk county has had possession of this cup the last two years. The boys and girls of Marshall county will try to keep the cup at least two years, and permanently if they can.

In the pig division, Alice Landro of Hendrum won first over all other breeds. Alice won third in the Duroc class at the state fair last fall. She also won first in the open class for amateur exhibitors in the Farm Crops show at Crookston. The junior exhibitors had the privilege of competing in the open classes. Monica Zurn won first place in the open senior yearling class against strong competition. Taken all in all the club boys and girls did splendidly in both the crops and livestock divisions. Their poultry exhibits were also highly creditable.

The baby beeves were sold at auction to a local stock buyer at 10 cents a pound. To this amount the Red River Livestock association added one cent a pound, making the price to the boys and girls 11 cents a pound. This gave them a snug profit on their year's work.

### Banquet for Club Folk

One hundred sixty persons, a majority of whom were juniors, attended the club banquet at which addresses were given by T. A. Erickson, state leader; C. G. Selvig, superintendent of the Northwest School of Agriculture; W. H. Peters, chief of the animal husbandry division of the university, and L. V. Wilson, dairy specialist with the agricultural extension division. The last named said a marked improvement was apparent in Red river valley livestock, a condition which he attributed in large part to the splendid interest shown and work performed by the juniors.

### Dietrich's Address Effective

Following an address by William Dietrich, Fillmore county agent, before a meeting of the Utica township unit in Winona county, seven farmers called at the Winona county farm bureau office to purchase limestone and bonemeal for their hogs, according to J. B. McNulty, county agent. "The talk by Mr. Dietrich was reported by many to be the best ever heard here on the subject," Mr. McNulty declares. "One man having a number of shoats in poor physical condition, one of them actually down because of back or leg trouble, says that he now understands what was the cause of the trouble. One very successful farmer is anxious to have a feeding demonstration on his farm the coming year."

### Constructive Competition

Competition between town and country people in putting on farm bureau programs has boosted attendance for the Tintah township unit meetings in Traverse county, according to F. F. Moore, county agent. Meetings are held in a new community hall in Tintah, and the villagers and farmers alternate in staging programs.

### Blackburn Succeeds Crim

R. E. Blackburn of Platte, Neb., has been elected county agent of Cottonwood county to succeed R. F. Crim, resigned. Mr. Blackburn was graduated from the University of Illinois. He has farmed in Illinois and North Dakota, and has had several years experience as a county agent in Nebraska.

### Conner and Marshall Good Team

Praise for the work of J. F. Conner and F. F. Marshall, farmers' institute speakers with the agricultural extension division, is given by F. E. Krause, Faribault county agent.

"I have been connected with institutes for 10 years in Minnesota and I must say that these two men carry on the work in a manner which will bring results," he says. "They are actual farmers and speak from farm experience and possess enough oratorical power to drive the point home."

### Town Fetes Farmer Visitors

Coöperation between town and country resulted in a very successful farmers institute in Carver county recently, according to Ben Kienholz, county agent. The Victoria Commercial club coöperated with the farm bureau to the extent of serving a free lunch at noon. In fact, says Mr. Kienholz, it was more than a lunch, it was a regular dinner. About 250 attended.

### Bull Association Growing

With the purchase of a grandson of Sir Pieterie Ormsby Mercedes, forty-first, the fourth block of the Marshall County Dairy Bull association was completed by County Agent B. R. Houser. The West Prairie club at Stephen with six coöperators, Happy Corner district No. 1 with two coöperators, Happy Corner No. 2 with three coöperators, and McCrea township farm bureau unit with four coöperators constitute the association.

## MISS HOBART ADDED TO EXTENSION STAFF

Inez N. Hobart of 2103 Colfax avenue S., Minneapolis, has joined the staff of the office of extension work with women, as specialist in clothing and nutrition work. She was graduated from the Minnesota College of Agriculture in 1908, and won the degree of M.A., majoring in nutrition, at Teachers' College, Columbia University, New York, in 1913. She has taught home economics in high school and college, and for a time was in charge of the home economics department of Harker's School at Palo Alto, Cal., and later in charge of food nutrition work at Milwaukee Downer college. The last four years she spent in North Dakota, where she was an assistant state leader and nutrition specialist at the state agricultural college at Fargo.

### Permanent Project Groups

Of the twelve home management groups which finished the series of five monthly meetings, at least six have decided to go on with some definite group work. Two organized fireless cooker testing circles; two expect to keep household accounts; one outlined a program for six months, two women having charge of each meeting. Some of the problems to be considered are making button holes, remodeling clothing for children, and canning meat.

### Program Material Needed

That some agency should establish an office providing entertainment features for township farm bureau unit meetings, such as dialogues, plays and recitations, is the recommendation of C. M. Kelehan, Ottertail county agent. If somebody could be made responsible for the working out of a program, or furnish or recommend a source of program material, the efficiency of the township unit would be increased by 100 per cent, he declares.

### Saving in Freight Made

About \$8,100 saving in freight was realized by Unit No. 1 of the Co-operative Creamery association in 1921, according to T. G. Stitts, Meeker county agent. Figures showed that there had been \$7,100 paid into the association, he says, and, as the cost of operation was less than had been expected, \$2,600 was paid as a patronage dividend after leaving a substantial surplus in the treasury.

### Longley's Work Approved

Urging continuation of farm bureau work in Kittson county, the Karlstad Advocate declares that W. V. Longley, the county agent, is one of the hardest working men in the county. "With men like him in charge of the farm bureau work it cannot help but be of consistent benefit to the county at large," the paper declares.

### Farmers Support Home Insurance

More than 90 per cent of the farmers of his county are carrying insurance in the Kittson County Mutual Fire Insurance company, according to W. V. Longley, Kittson county agent.