



County Agent's

NEWS Letter

J. O. HEMBRE, County Agent

BAKER, MONTANA

VOL. 1

January 1, 1925

NUMBER 1

A BRIEF SUMMARY OF AGRICULTURAL EXTENSION WORK IN FALLON COUNTY -1924- (Dec. 1, 1923 to Dec. 1, 1924)

Number of farm visits	315
Number of different farms visited	158
Number of office calls	645
Number of telephone calls	300
Number of meetings attended	618
Attendance at above meetings	2582
Average Attendance	38
Number of night meetings	34
Number of meetings at which motion pictures or slides were shown	22
Attendance at above meetings	782
Number of days Agent spent in office	196
Number of days Agent spent in field	120
Number of miles of auto travel for which mileage was charged	6206
Agent's new car purchased July 1, 1924 has run over (miles)	6400
Number of individual letters written	1518
Number of circular letters written	121
Number of copies of above circulars sent	6846
Boys & Girls Club Members enrolled	67
Boys & Girls Club Members completing	61-- 91%

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Finish

The County Agent's annual report is sent to:
The Montana State College at Bozeman, Montana
The Chancellor of the Mont. University, Helena, Mont.
The United States Department of Agriculture, Washington, D.C.
The annual report for 1924 consists of:
A Federal statistical section
A State statistical section
A Narrative section of eleven pages
A Photographic section of seven pages
A copy of the annual report is on file at the County Agent's office. Monthly expense statements, with receipts, showing how every cent of the County Farm Bureau money has been spent, is also on file.
These are there for YOUR information. YOU are invited to call at the office and look them over. We are pleased to show them.

THIS LETTER

This is the first issue of the "County Agent's News Letter" It is sent to all farmers in the County and also to the business and professional men of the county.

We will try to put into each number material that will be of interest and value to the farmers of the county. Many of those receiving the letters will want to keep them for future reference. For their convenience we have provided perforated pages. For a convenient binder take two thin strips of wood 11 inches long and 3/4 of an inch wide. Make two holes in each to match the holes in these pages and bind with a shoe string. Ordinary note book covers may also be used.

In the next number of the "News Letter" we expect to give you an outline of the 1925 program of work.

HAVE YOU SEED CORN FOR SALE

Have you any Seed Corn for sale?

If you have good seed corn we can sell it for you.

Advise us the kind of corn and the amount you have for sale.

Send us a representative sample and we will make a germination test for you.

If your corn is shelled send us a cupful taken right from the bin or bags.

If your seed corn is on ears send us a dozen ears which are representative--That is, send us average ears - NOT the best you can find.

Do this now. Then we will make up a list of the corn for sale and advertise it.

MILES CITY CORN SHOW JANUARY 28, 29.

The Miles City Corn Show will be held on January 28 and 29.

Premium lists may be had at the County Agent's office.

Good corn is our best agricultural advertisement.

If you have even fairly good corn send us an exhibit of not less than 10 ears and we will see that it is entered at the Corn Show.

In connection with the Corn Show there will be an educational program. The Utility Seed Show from Bozeman will be on display and representative samples from the winning exhibits at the International will also be on display.

THE STATE SEED SHOW

The State Utility Seed Show will be held at the State College at Bozeman, January 5-9, in connection with the Farm and Home Week.

For the past two years Albert Fost of Willard has held the silver trophy cup awarded for the sweepstakes exhibit of corn. Mr. Fost is not exhibiting this year.

ALBERT POST MADE \$175.90 FROM POULTRY DURING 1924

PROFIT OF \$1.97 PER HEN

HOW MUCH DID YOU MAKE?

Albert Post of the Willard Community has been cooperating with the Extension Service during the past year in conducting a Poultry Demonstration Farm, keeping records of receipts and expenses in connection with his flock of Single-Combed White Leghorn chickens.

Twelve people from nine different counties have cooperated with the State Extension Office in this project during the past year. A report is sent each month to the State Extension Poultry Specialist who summarizes the reports, showing the profit or loss, and sends instructions each month to the cooperators relative to the care and feeding of their flocks.

Mr. Post had some trouble with his house and flock a year ago which cut down his production at a time when eggs were high in price. He is starting in now for the second year with this project and hopes to make an even better record next year. In figuring the profit from the poultry all items of expense including interest on the money invested in buildings and equipment, depreciation in value of equipment, labor, cost of feed etc.

Mr. Post, for the year ending November 1st, ranks 4th, among the twelve demonstrators in the State, in profit per hen.

Here are some of the figures from Mr. Post's Demonstration and opposite Mr. Post's figures we have placed the average for the twelve demonstrators in the State.

	Post-	State Average
Average no. of hens kept during the year	89.6	134.8
Eggs per hen per year	98.7	117.3
% Production	32.4	32.7
Cost of feed per hen	73¢	\$1.17
Labor income	\$1.75	\$1.99
Profit per hen	\$1.97	\$1.81

It pays to know what returns you are getting from the different enterprises on your farm.

Profitable poultry production requires good housing, proper and sufficient feeding, proper care and management.

Perhaps we can help you with some of these. Call on us.

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LATE SECRETARY WALLACE'S VIEWS ON CO-OPERATIVES

The late Secretary of Agriculture, Henry C. Wallace was a true friend of the farmer. He knew the problems of agriculture from the farmer's point of view and he also knew these problems from the broader national and international viewpoint.

Study the following quotation from the late Secretary's last report to the president of the United States.

"The mere organization of a co-operative association is not the end to be attained. It is only the beginning. Success in co-operation depends on finding men capable of running co-operative associations, on the loyal support of the membership, and on getting a sufficient volume of business.-----The relationship of the government to co-operation should be one of service. It should help the farmers market their crops just as it helps them to produce crops, not by doing the work but by supplying information which the farmers cannot get for themselves. To go further would be to injure rather than aid the co-operative movement. The need for strong co-operative marketing associations cannot be over-emphasized. They are absolutely necessary to bring about efficient and economical marketing and standardization of crops, but the movement should be truly co-operative and should be controlled by its membership."

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FALLON COUNTY POTATOES TO LOUISIANA

The Extension Service Department of the State College in Louisiana is carrying on tests to determine where Louisiana potato growers can secure the best seed potatoes. In the tests which have been conducted during the past two years seed potatoes from Montana have made very good yields in comparison with potatoes from a number of other states and Montana seed has also produced potatoes which were very free from diseases.

In order to assist in establishing a market for seed potatoes produced in Montana the State Extension Service is cooperating with the Louisiana Extension Service this year in providing seed potatoes which will be distributed to boys and girls club members in the potato growing sections of Louisiana. These tests are carried on under the close supervision of the State College.

Four Fallon County potato growers, Karl Pinnow, E. P. Meffert, T. S. Crow and Bently Sinclair have each contributed 500# of potatoes on which the Baker Commercial Club has paid the transportation to Bozeman from which point they will be included in a carload of Montana potatoes which will go into these tests in Louisiana.

Potato growers in the South buy their seed every year from the North. In Louisiana the potatoes are planted in February. This crop is harvested along in May or June at which time potatoes from the first crop are planted to produce the second crop. For the next season's planting a new supply of seed from the North is again shipped in.

WILL THE LITTLE PIGS TO BE BORN ON YOUR FARM
NEXT SPRING BE HAIRLESS ?

There is only one way to tell.

FEED POTASSIUM IODIDE and FEED IT RIGHT.

Then you know they will NOT.

You must start feeding it as
soon as the animal is bred.

Feeding it the last two or three weeks
before the young are born will do no good.

You can buy potassium iodide at any drug store in handy 1 grain
tablets or in powdered form. IT IS VERY CHEAP INSURANCE.

FOR EACH SOW: Feed one grain tablet daily or
One $\frac{3}{4}$ grain tablet twice a week or
One 5 grain tablet once a week
For the first 80 to 90 days after breeding.

FOR EACH EWE: Same doses as for sows EXCEPT that you must
Feed it for the first 100 to 120 days after breeding.

FOR EACH COW OR MALE:
Same dose as for sows EXCEPT that you
Feed it for the first 200 to 250 days after breeding.

To feed potassium iodide for the prevention of
hairlessness or goitre when animals are not being
fed feed or slop daily;

Buy the potassium iodide in powdered form instead of tablets,
or crush the tablets to a fine powder. Find out how much salt
your stock uses each week and with this amount of salt mix
seven grains of potassium iodide for each head. Thus if
50 ewes use 5 pounds of salt a week, mix with the 5 pounds of
salt 350 grains of potassium iodide (50x7). Mix each weeks
dose fresh as it soon spoils when mixed with salt.

Don't loose any lambs, calves or colts from goitre.

Many farmers who "have never had hairless pigs on
the place before" have lost enough pigs from hair-
lessness to pay for iodide feeding for many years.

IT DOESN'T PAY TO TAKE A CHANCE.

Do not breed to a scrub. There are plenty of good boars.
"BLOOD TELLS"

ALFALFA
by
P.H. Weaver

Speakin' of Alfalfa, neighbor, let a man who knows,
Tell you something of the dum'dest, meanest crop that grows.
You'll be sorry if you plant it, jest the same as me,
But if you're somewhat skeptical, jest sow some once an' see.

Three years back I sowed Alfalfa, jest a fair-sized patch,
Since which time, thru summer months I've had to dig an' scratch
It grows so beastly fast, By Heck, it keeps me makin' hay,
No matter where I want to go, I cannot get away.

When corn an' oats was in last spring, sez I, methinks I'll go
On a little fishin' trip, fer a day or so.
I took a walk out through the Grimm, and dropped all that of
play, I went an' got the mower out, an' cut Alfalfa hay.

Then a little later on, I started in to plan
To take to see the circus, the kids an' Mary Ann.
I guess that patch of Grimm caught on, would you believe it? Say
When elephants walked round the ring, we made Alfalfa Hay

Along toward fall the family began to rip and rare,
To go some place so I agreed to take 'em to the fair.
That week the fair was goin' on, the Dickens was to pay,
For jest as sure as you're alive, we made Alfalfa hay.

My beans an' wheat I stacked outside fer want of inside space,
Alfalfa's bulgin' every gol-derned buildin' on the place.
I'll have to build another barn, which means a lot of hale,
Fer plantin' that Alfalfa seed, I'd ought to be in jail.

Before you sow Alfalfa, friend, think twice, then think some more
It keeps you hog-tied hand an' foot; which sure will make you
All summer long you'll stay at home, you'll never get
away, Because you'll have to stick around to make Alfalfa hay
Courtest Michigan Farmer.

Perhaps you would not mind having a patch to keep you
busy making hay.

Remember that alfalfa hay is about equal to bran in
feeding value.

It produces good strong healthy hogs and makes pork at
a low cost per pound.

It makes the finest kind of pasture and it makes the
cows give milk in the winter.

Then too --- an Alfalfa seed crop occassionally is like
a little gold mine.

NOW is the time to plan for next years seeding. Buy register-
ed Grimm seed -- your seed crops will be worth more. You
cannot have your seed registered unless you produced it from
registered seed.

Montana Grim alfalfa seed is in demand.

January 1, 1928

A list of the bulletins on hand at the County Agent's office. New bulletins are being received from time to time. There are hundreds of other bulletins, dealing with agricultural subjects, which we do not have in quantities but which we can secure as called for.

These are for FREE distribution.

Order Those you want from County Agent, Baker, Montana.

Order by File Number and Title

- | | |
|--------------------------------------|-----------------------------------|
| A-1 Swine Management | E-3a Equipment for Sheep Raising |
| A-2 Breeds of Swine | E-3b Judging Sheep |
| A-3 Feeding & Management of Swine | E-4 Diseases of Sheep |
| A-4 Hog Houses | E-5 The Sheep Tick |
| A-5 A Simple Hog-Breeding Crate | E-6a Sheep Scab |
| A-6 Castration of Young Pigs | E-7b Raising Guinea Pigs |
| A-7 Growing & Fattening Hogs | E-8c Bees |
| A-8 The Self-Feeder for Hogs | E-9 Simple Six-Horse Hitch |
| A-9 The Cause of Hairless Pigs | F-1 Method of Potato Improvement |
| A-11 Hog-Lice & Hog Mange | F-2 Potato Crop in Montana |
| A-12 Killing Hogs & Curing Pork | F-5 Control of Potato Diseases |
| A-13 Feeding Sows & Litter | F-6 Marketing of Potatoes |
| B-1 How to keep Calves Healthy | F-7b The Home Garden |
| B-3 The Calf Club Manual | F-8a How to Kill Grasshoppers |
| B-4 Feeding & Managing Dairy Cows | F-8b Poison Grasshoppers |
| B-5 Equipment for Sheep Raising | F-9 Army Cutworm in Montana |
| B-6 Dry Farming in "Triangle" | F-10a Wireworms Destructive |
| B-7 Contagious Abortion of Cattle | F-10b False Chinch Bug |
| B-8 The Model Cow Stall | F-10c Grain Smuts |
| B-9 Cooling Milk & Cream | F-11 Growing Field Beans in Mont. |
| B-10 The Bull & the Treadmill | F-12 Home Storage of Vegetables |
| B-11 Homemade Silos | G-4 Farm Records & Accounts |
| B-12 Cattle Lice & How to Eradicate | G-4b Farm Lease Contract |
| B-13 Strawberry Growing | G-5a Windbreak as a Farm Asset |
| C-1 Success with Corn in Northwest | G-5b Dry Farm Crop Rotations |
| C-2 Corn in Montana | G-5c Cost of Growing Wheat |
| C-3 Corn Planting & Cultivation | G-6a Farmers' Storage Reservoirs |
| C-4 Selecting & Curing Seed Corn | G-6b Homemade Irrigation Devices |
| C-6 Better Seed Corn | G-7a Use of Homemade Implements |
| C-7 The Home Orchard | G-7b Summer Tillage in Mont. |
| C-10 Selecting Seed Corn for Shows | G-8a Dry Farming in Montana |
| C-13 50 Important Weeds in Mont. | G-8b Dry Farming in Western S.D. |
| D-2 Winter Rye in Montana | G-8c Grains for Mont. Dry Lands |
| D-3a Legume Inoculation | G-12 The Pit Silo |
| D-3b Farm Pastures in Montana | 48-2 Incubation & Brooding |
| D-3c Sudan Grass | 49-1 Artificial Hatching |
| D-4 Suggestions to Alfalfa Growers | 50-1 Artificial Brooding |
| D-5 More & Hardier Alfalfa | 51-1 Culling the Farm Flock |
| D-6 More & Hardier Clover | 52-1 Poultry Houses |
| D-7 Growing & Using Sweet Clover | 54-1 Control of Lice & Mites |
| D-8 Flax-Cropping & Harvesting | 55-1 Tuberculosis of Poultry |
| D-9 Flax Wilt | 57-1 Marketing Eggs |
| D-10 Beef Calf, Growth & Development | 57-2 Simple Trap Nest for Poultry |
| D-11a Breeds of Beef Cattle | 57-3 Community Egg Circle |
| D-13a Harvesting & Storing Ice | 58-1 Turkey Management |
| D-13b Ice Houses | |
| E-2 Breeds of Sheep for the Farm | |

HOME IMPROVEMENT & WOMAN'S WORK

- | | |
|-------------------------------------|------------------------------------|
| 1-1 Canning Meats & Fish | 16-2 Making Butter on the Farm |
| 1-2 Tables, Canning Fruit & Veg. | 16-3 Eggs |
| 2-1 Home Canning, Fish, Poultry | 17-1 Making Iceless Refrigerator |
| 3-1 Care of Food in the Home | 17-2 Homemade Fireless Cookers |
| 4-1 Diet for Mother & Child | 18-1 Straining Milk |
| 4-2 Lessons in Nutrition | 19-1 How to Candle Eggs |
| 5-1 Things that make a child well | 19-2 Candling & Preserving Eggs |
| 6-1 Vegetables Important in Diet | 20-1 Farm Cheese Making |
| 7-1 Exercises for Constipation | 21-1 Demonstration Home Tours |
| 7-2 Lesson III Constipation | 21-2 Testing Circle Directions |
| 7-3 Correction of Constipation | 22-1 Score Cards for Judging |
| 7-4 Outline on Health & Nutrition | 22-2 Fairs |
| 8-1 Home Made Dress Form | 23-1 Farm Household Accounts |
| 9-1 Planning the Family Meals | 24-1 The House Fly |
| 10-1 Making of Type Pattern | 25-1 One-Register Furnace |
| 10-2 How to Use Type Pattern | 26-1 Care of Clothing |
| 10-3 List of Children's Patterns | 26-2 Removal of Stains |
| 11-1 Measurements (Clothing) | 26-3 Renovation |
| 11-2 Chemise Dress | 26-4 Dry Cleaning |
| 11-3 Outline on Clothing Study | 27-1 The Living Room |
| 11-4 Buying of Fabrics | 27-2 Treatment of Living Room |
| 11-5 Color, as Applied to Design | 28-1 Cheese & its Uses in Diet |
| 12-1 Color & Design outline | 29-1 Cheese |
| 12-2 Colors worn, Different Women | 30-1 Cottage Cheese |
| 12-3 Treatment of Cotton Fabrics | 31-1 Menus, Picnics, Dinners etc., |
| 12-4 Principles for Millinery | 32-1 Table Etiquette |
| 12-5 Children's Clothing | 33-1 Good Meals for Children |
| 13-1 The Living Room | 34-1 Nutrition, Study Club Program |
| 13-2 Homemade Sinks | 36-1 Line as applied to Costume |
| 13-3 Women Require Tall Sinks | 37-1 First Aid |
| 13-4 General Points on Floors | 38-1 Shoes in Relation to Health |
| 13-5 Hardwood Floors | 38-2 Corset, Relation to Health |
| 13-6 Softwood Floors | 39-1 Care of Skin, Scalp & Hair |
| 13-7 Linoleum | 40-1 Home Demonstration Clubs |
| 13-8 Ciled Floors | 41-1 Organize Home Demonstration |
| 13-9 Refinishing Old Floors | 41-2 Tips for Business Letters |
| 13-10 Color in the Kitchen | 42-1 Why Health |
| 14-1 Folding or Gate-Leg Table | 42-2 Health Standards for Child |
| 14-2 Homemade Ironing Board | 42-3 Health Standards, Pre-School |
| 14-3 Towel Roller | 43-1 Danger Signals |
| 14-4 Wood Box | 43-2 The Adolescent Child |
| 14-5 Folding Table | 43-3 Problems, Adolescent Child |
| 14-6 Combination Stool & Stepladder | 44-1 The Well Baby |
| 14-7 Fly Trap made from Glass Jar | 44-2 Good Manners & Conduct |
| 14-8 Making of a Tea Wagon | 45-1 Appetizing Veg. Dishes |
| 14-9 Dumb Waiter | 46-1 Braided Rugs |
| 14-10 Homemade Fireless Cooker | 47-1 Painting Table Covers |
| 15-1 Farm Kitchen as a Workshop | 59-1 The Septic Tank |
| 15-3 Farm Home Conveniences | 60-1 Water Supply on the Farm |
| 16-1 Making Butter on the Farm | 61-1 Beautifying the Farmstead |
| | 62-1 Floors & Floor Coverings |