

Agricultural Press Is a Big Factor in Spreading Better Farming Gospel

FARM PRESS AIDS AGRICULTURIST TO MODERN METHODS

By R. C. Stewart
 "In the past few years means of communication have so improved that new ideas may be given to the public for their consideration in a remarkably short time. When ideas were transmitted by word of mouth only, naturally they traveled slowly and but very short distances. The farming industry, through lack of coordination and publicity mediums, has been the last of the primary industries to adopt new and systematized methods, but since the agricultural press has been developed ideas have spread rapidly and now the average farmer demands a medium which will bring to him news and up to date ideas the same week in which they develop.

Without the agricultural press few people could be reached with a new idea and none of the several beneficial movements could have gained any volume. The agricultural press has been a clearing house for all the valuable information that has been gained, it has been as a school to the multitude. Some of the farm papers have fathered a movement and encouraged every enterprise started for the benefit of the agriculturist.

DEVELOP ALL BRANCHES
 The day is past when the general idea prevailed that the farmer needed no education, when a man who failed in any other line of business resorted to farming to eke out an existence. Farming today requires a broader and more thorough education than any of the trades, and some of the professions. Farming, as it is used in this article, does not mean merely following the plow. It means the combination of good tillage, clean harvesting, and successful marketing. Factors to be taken into consideration under good tillage are proper fertilizing, proper rotation, and scientific cultivation. Clean harvesting not only means the saving of all parts possible of crops that mature, it means also the elimination of disease and pests that destroy portions of the crop. Successful marketing is not attained when the crop is delivered to the nearest storehouse or market. Other matters to be taken into consideration are: Have the returns paid for all the labor involved in producing the crop? Will the present crop increase the market for the next year's crop? Whether cost of production, overhead and interest on the investment have been entirely covered.

The agricultural college and experiment station have been the fountainhead from which much of the good has sprung. They have met and conquered the problems that have faced the farmer. They have trained the leaders of the young men and women, who are now setting the example in every community, that are lending their hands to assist a neighbor who has neglected his advantage of special training. They have been to the agricultural industries as a balance wheel to a watch, ever keeping it in true time, exerting a vast influence upon the entire organization.

***COOPERATION BEGUN**
 In the last few years the county agent has come into existence. The county agent has been an expert adviser, an originator of helpful ideas, and has taken an active part in the extension of the farm bureau federation, which is now well under way. This is the most ambitious effort yet made to gather all the farmers in the county under a single banner. Some of the ablest men to be found compose its corps of officers and its board of directors. The federation is trying to develop a sound national agricultural policy at the same time that it is building up its membership.

The cooperative movements that are sweeping the country from end to end are the direct outcome of this great awakening. They distinctly show that the vast majority is not content to stand by while someone, that neither works nor spins, gambles with the crops they have raised, names the prices and by foul or fair means forces the producer to meet their (the speculators) market price for produce and the retail price for any necessity of the farmer must buy.

The speculator and the manufacturer have demanded "cost plus"—the plus has often times been the largest. The producer has asked for cost of production, but his voice mixes with the many other thousands has caused but a bubble, each voice added causing more confusion. By forming cooperative associations, the voices from the multitude have been synchronized; they now gain in volume by every voice raised.

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SUNFLOWERS MAKE GOOD SILAGE



SUNFLOWER PATCH IS GOOD PRODUCER

By J. L. Parberry, Sisters, Or.
 I obtained through the First National bank of Bend last spring 80 pounds of sunflower seed of the Russian Giant variety, which is about the same as the Mammoth Russian.
 I planted the seed about May 15 with a grain drill in rows 28 inches apart, about 18 pounds to the acre, which was altogether too thick. I had my drill set for 51 pounds of oats. Next season I am going to set my drill for 42 pounds of oats and have the rows 36 inches apart. By planting in this way I expect to get a much larger yield than I did this year. I had in this year, about five acres from which I put up about 60 tons of ensilage. This ensilage cost me, put in the silo, about \$2 per ton. This is allowing for plowing, cultivating, irrigating and putting in. I cultivated once and irrigated twice.
 My sunflowers were up and had from four to six leaves when we had the hard freeze last spring, but it did them no harm. My pond was coated over with ice three times this fall before I got them in the silo. I have been feeding the silage now about a week to my dairy cows, about 25 or 30 pounds to the cow. They are eating about half the hay they were eating before I started them in on the ensilage, and I can notice an increase in the amount of milk already. I first gave them a very small feed with a little grain placed on top, but now they eat the ensilage straight and seem as anxious for it as a horse does for his grain.

I think sunflowers are an ideal crop for this section and I do not doubt but what we can raise from 25 to 35 tons per acre with the proper method of planting and cultivation. I suppose it will be a revelation to a great many people to know that sunflowers are being raised in Iowa, Ohio, Nebraska and Dakota for ensilage. Sunflowers going 25 tons per acre and corn nine, I figure that my five acres of sunflowers produced for me this year, about \$600, or better than \$100 per acre.

Weak and unfit. Like everything else, progressive farming cannot be at a standstill; if it is not going ahead, then it must be going backward. With present day competition and conditions, progressiveness is the only solution of the agriculturists' problems.

RABBITS

Rabbits will be a big feature at the following fall shows. Wild interest is being taken in the rabbit exhibits each year.

Fifty-ninth Oregon State Fair, State Fair grounds, September 27 to October 2; \$60,000 premiums and purses. National Breeders and fanciers association, Inc. show, J. D. Inlow, Portland, judge of rabbits and cavy. A. H. Lea, secretary State fair, Salem, Or.

Multnomah County fair, Gresham, October 4 to 9, inclusive. National Breeders and Fanciers association, Inc. show, J. D. Inlow, judge rabbit and cavy department. C. D. Milton, manager, Chamber of Commerce building, Portland; C. S. Whitmore, superintendent of poultry, 273 Yamhill street, Portland.

The Western Winter show, eleventh annual exhibition of the Oregon Poultry and Pet Stock association, Municipal Auditorium, December 13 to 18; \$1500 in cash premiums guaranteed. C. S. Gibson, Detroit, Mich., judge rabbit and cavy department; William Coats, Vancouver, B. C., judge of poultry department; C. S. Whitmore, secretary, 273 Yamhill street, Portland.

Read the advertisements on the farm pages. They contain many helpful hints on better farming. In answering advertisements always mention The Journal.

Fall Planting Time Is Here

—and you will need to get busy at once. To be sure of best results plant only LILLY'S SEEDS—

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 ROSEN RYE
 Of which E. B. Stocker, Thurston County Agent, says: "It is by far the best variety of Rye that can be sown."

WHEAT OATS VETCH CLOVER
 TIMOTHY ALFALFA
 Ask your dealer for "Lilly's Seeds."

Lilly's The Chas. H. Lilly Company
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OREGON STOCKMEN TO HOLD MEETING

Secretary Maris of the Oregon Purebred Livestock association, in sending out notices of the annual meeting, says: "The war is over long ago, but the stockmen's after-war troubles are plentiful. Let us discuss remedies at the annual meeting of the association, September 29 at 8 p. m., and ratify the solution at the banquet the following evening."

Eight livestock judges have been engaged by Secretary A. H. Lea, and he says they are all orators as well as expert judges, but in order to make sure of a spicy program Maris says some of the local orators will be sandwiched in.

It is to be hoped these Eastern (six of the eight judges are from the East) judges will not fail to attend our meetings, as they have sometimes done in the past. Remembering these experiences and hoping to avoid a repetition of them, Maris has sent the following letter to each judge:

"Some judges have lost their reputation and standing in livestock society circles—yes, their lives—after failing to regard the demands of our association that they remain during the past year. Remembering these experiences and hoping to avoid a repetition of them, Maris has sent the following letter to each judge:

"Our annual meeting will be held on the state fair grounds at Salem at 8 p. m., Wednesday, September 29. Banquet the following evening, hour and place to be announced at the annual meeting.

"Extending the courtesies of our association and wishing you a safe trip, a pleasant time and a hard job of judging, I am," etc.

While this letter is rather threatening and should have the desired effect, it is mild compared to what was said to the judges last year.

Much good has been accomplished by this organization and every breeder is urged to attend the meetings and take an active interest. Renew your membership and bring in one or two new members. Organization and cooperation are the stockman's salvation.

Appointed on Committee
 Ashland, Sept. 18.—George A. Mansfield, president of Jackson county farm bureau, has been appointed on the committee which is to draft constitution and by-laws for the proposed Oregon state bureau.

One of the most important things in life is to stop when you have said enough.

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BELIEVES APPLE MEN SHOULD ORGANIZE ASSN.



Don Francisco, advertising manager of the California Fruit Growers' exchange, and president of the Los Angeles Advertising club, has been visiting the Pacific Northwest and believes that the apple growers of this district may find it advantageous to organize a cooperative marketing association.

Team Work

All-to-geth-er!! ... That's the way farmers are making money these days—working together for mutual profit. And it's the right idea, says

The COUNTRY GENTLEMAN

That's why you find this great national weekly championing every cooperative venture among farmers—it knows that whether it be in the purchase of farm machinery, the canning of milk or the shipping of hogs, working together is the plan that pays.

THE COUNTRY GENTLEMAN's stories of cooperation among farmers are famous the country over. You doubtless know about Dean Davenport's Double-Track Coöperation among milk producers; Stuart Blythe describes cooperation's share in making \$44,000,000 worth of butter in one state!

All this is just a small part of the 52 big issues that will begin coming to you next week if you—

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NOTES FROM O.A.C.

A new site with land enough to make the experimental irrigation work of the Umattilla project truly representative for the near 300,000 acres of like lands in Oregon, is said to be a need of the Hermiton project, by James T. Jardine, director of the agricultural college experiment stations. Not only all Oregon but the entire West must back this and other worthy land reclamation projects if national aid is successfully enlisted.

Bees carry four things into the hive, says H. A. Scullin; bee man of Oregon and specialist at O. A. C.: Nectar collected from flowers and made into honey is carried in the honey stomach; pollen collected from flowers and largely fed to the young as bee bread, is carried on the legs; water largely to feed the young is carried in the honey stomach; and propolis collected from such sources as buds of trees and used to varnish the inside of the hive and stop up cracks, is carried on the legs.

The good potato hill for seed is the one that is vigorous, has no disease in top or tuber, and has a good number of fair sized potatoes smooth and true to type. By marking the hills now and examining the tubers at harvest time the grower can get the very best seed his crop holds. This will help get a good crop of marketable potatoes next year.

Out of 5761 cows tested by Oregon associations in July, 23 were found as boarders and sent to the butcher. The average production of all cows was 32 pounds of fat, while the best cow gave 105 pounds. Nine associations tested during July, and one was not since formed in Columbia county.

The really good seed corn ears show

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Young Stock for Sale Wm. Auld, Manager

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Do not wait for actual disorders to develop; you can easily put the cow back on her feet and ward off serious ailments by the prompt use of Kow-Kure, the great cow medicine.

In cases of Abortion, Barrenness, Retained Afterbirth, Scouring, Lost Appetite, Bunches, etc., this standard remedy is a reliable treatment. It acts at once on the digestive and genital organs, wards nearly all cow diseases off at once.

The occasional use of Kow-Kure, as directed, will prove an effective preventive of cow diseases—and disease-prevention pays big in dairy profits.

Feed dealers and druggists sell Kow-Kure; 60c. and \$1.25 packages. Write for a copy, and we will send you our FREE book, "The Home Cow Doctor."

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Write for Catalog and full information
PORTLAND SEED CO.
 Portland, Oregon

THE FATHER AND THE SON

Their Relationship Real and Distinct

By Dr. JAMES E. TALMAGE
 Of the Council of the Twelve Church of Jesus Christ of Latter-Day Saints; Salt Lake City, Utah.

Note: For free copies of other articles of this series, send request to author.

We have scriptural authority for the assertion that Jesus Christ was invented with the powers and dignity of Godship prior to His birth in the flesh. Under the Father's direction He brought about the creation of the world, and is therefor called the Creator. He revealed the Father's will and gave commandment to Adam, Enoch and other antediluvian patriarchs as well as to later prophets. We affirm that Jesus Christ was in the Hebrew text of the Old Testament, though not found in our English version. In form the word is a Hebrew plural noun; but it connotes the plurality of excellence or intensity, rather than distinctively of number. It is expressive of supreme exaltation and power. Enoch, as understood in the restored Church of Jesus Christ, is the name-title of God the Eternal Father, whose firstborn Son in the spirit is Jehovah—the Only Begotten in the flesh, Jesus Christ.

A general consideration of scriptural evidence leads to the conclusion that God the Eternal Father has manifested Himself to earthly prophets or revelators on but few occasions, and then principally to attest the Divine authority of His Son, Jesus Christ. He revealed the Father's will and gave commandment to Adam, Enoch and other antediluvian patriarchs as well as to later prophets. We affirm that Jesus Christ was in the Hebrew text of the Old Testament, though not found in our English version. In form the word is a Hebrew plural noun; but it connotes the plurality of excellence or intensity, rather than distinctively of number. It is expressive of supreme exaltation and power. Enoch, as understood in the restored Church of Jesus Christ, is the name-title of God the Eternal Father, whose firstborn Son in the spirit is Jehovah—the Only Begotten in the flesh, Jesus Christ.

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