

THE HIGH SCHOOL AGRICULTURE NOTES.

August 24th, 1920.

Evidently the high school Smith-Hughes agriculture departments are popular in Oregon. Last year there were seven such departments in the state including the one at Newberg. Prof. F. E. Elliott director of vocational education, and supervisor of agricultural education advises that there will be some eighteen or nineteen such departments next year.

The main difficulty in starting a new department is concerned with getting a man fitted to take the position of director. A goodly number can meet the stipulation that, such a man be a graduate of a standard agricultural college; and a fair number can produce the necessary fifteen educational credits; but it is not easy to find men who have had the additional required three years of practical farm experience.

Graduates of O. A. C. class of 1920, are being drafted into service for such work by California at a beginning salary of \$2500, which will illustrate the importance attached to the work by our sister state. Some men in the work in California receive as high as \$3000 yearly. The salary \$3000 has been offered by a local school board already in Oregon. In this particular instance, the offer was turned down for a better one.

We mention this primarily to show our young folks one line offering excellent opportunities for the man trained to agriculture and this is but one of the many, aside from actual farm operation and management.

Please note, however, that such have had first—a college education. No man who quit school below the grades; no man who graduated merely from the eighth grade; nor yet the man who graduated from high school and went no farther, can get such a position. Almost any position young man, in agriculture, aside from actual farm (farmer) operation, demands a thorough educational foundation.

Further than that, we note that for actual practical farm management work on the big places, the graduate of the agriculture college is the man demanded to-day. Now and then a "short course" man lands a big position; but the trade papers show that the majority of the highly paid farm managers (farm engineers) are graduates of a full four year course.

Our advice to the Newberg boy or girl agriculturally inclined is this: Take the full four year agriculture course at your local high school, if for no other reason, as a matter of "insurance" against future rain regrets. Your credits will take you into O. A. C. in case you later decide to go, just as surely as French, Latin or any other credits.

It is admitted that agriculture is at once the most human, interesting subject taught in Oregon high schools. It is taught in terms of everyday life and experience. It has the interest and loyal hearty support of every farmer in the vicinity. The department does actual practical constructive "work" that has a distinct and determinable value from a utility standpoint.

The Smith-Hughes agriculture department in the Oregon high school has come to stay. It has demonstrated its worth. It is backed by a combination of federal, state, and local school board forces. Through the state board for vocational education, by and thru its supervisor of agriculture education, it is under constant federal jurisdiction.

The Oregon high school Smith-Hughes agriculture department offers the boy or girl a wonderful education opportunity. It has all the resources of the United States department of agriculture; O. A. C., and every constructive agriculture institution in the country at its command. It is recognized as a "clearing-house" for the latest and best vocationally.

Three regular courses will be given at the local high school the coming year as follows:

- No. 1—Farm Animals.
- No. 2—Farm Field Crops.
- No. 3—Horticulture.

Farm management will be given as a special course only.

Note: We earnestly solicit the cooperation of every adult in the community, to the end that our department may give maximum service.

Oliver F. Kilham
Director Agriculture Department
Newberg High School

Remove Stains With Lemon.

Keep pieces of lemon that have been used, in a jar near the sink. They are good for taking stains off the hands and with a little coarse salt make an excellent cleaner for brass faucets.

As It Used to Be.
A young member of the Uniform Rank, K. of P. lodge was making arrangements to go to the annual party which his chapter gave. The affair was called the "annual-annual," and he talked a great deal about it at home.

One evening his mother became interested in the party. "I don't believe your lodge has enough affairs," she told him. "Now, several years ago when your father attended lodge regularly there used to be something almost every night. 'Let's see,' she mused, 'what kind of night they called them.'"

The younger man winked at his claim. "Probably—nightcaps—then, mother," he retorted. "You remember that was before we went dry in Indiana."—Indianapolis News.

Some Excitement in Oil Wells.
Competitive drilling plays a great part among wells in a single vicinity because all oil lenses leak at the edges, and whether you get your neighbor's oil or he gets yours is largely a matter of speed. Consequently a well in the middle of a large tract is usually let alone by the owner, or, at least, he undertakes further drilling with deliberation; but if he strikes oil near his boundary he drills his borders with all haste, knowing that his neighbor will "outlast" his wells on the other side of the boundary just as fast as he can get the equipment on the ground.—Ray Morris in the World's Work.

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SAWDUST FOR COWS.

Montana's forests will henceforth produce not only lumber but valuable food for cattle. If experiments conducted at the United States forest products laboratory, Madison, Wis., will work out in practice, says a recent article in the Butte Miner. Cows fed on a ration of pine sawdust produced an increased supply of butter and milk and also gained in beef, according to preliminary reports of the experiment received from the laboratory at the local forest service offices by Supervisor F. G. Clark.

The ration of sawdust has been only 25 per cent of the food. Experiments are to be tried at once increasing the sawdust ration to 33 per cent. It is believed by scientists of the laboratory that a great cow food has been discovered and that millions of dollars will be saved to cattle raisers throughout the country as the result of these experiments. Experiments conducted so far show that not only is the treated sawdust nutritious but that the

cows eat it with a relish.

"We took white pine sawdust and put it through a treatment that converts the starch in the sawdust into sugar," says O. M. Butler, assistant director of the United States forest products laboratory in his report. "Then, in cooperation with the agricultural department of the University of Wisconsin, a feeding experiment was conducted. Five dairy cows were given the sawdust ration with their regular food. Three animals were kept on this ration for one month and there was an increase of weight and in the amount of butterfat produced. They were taken off the sawdust ration and put back on normal feeding for a month with the result that both milk supply and weight were reduced to about normal. For a second time they were put back on sawdust ration and again the weight of the animals and amount of milk produced increased."

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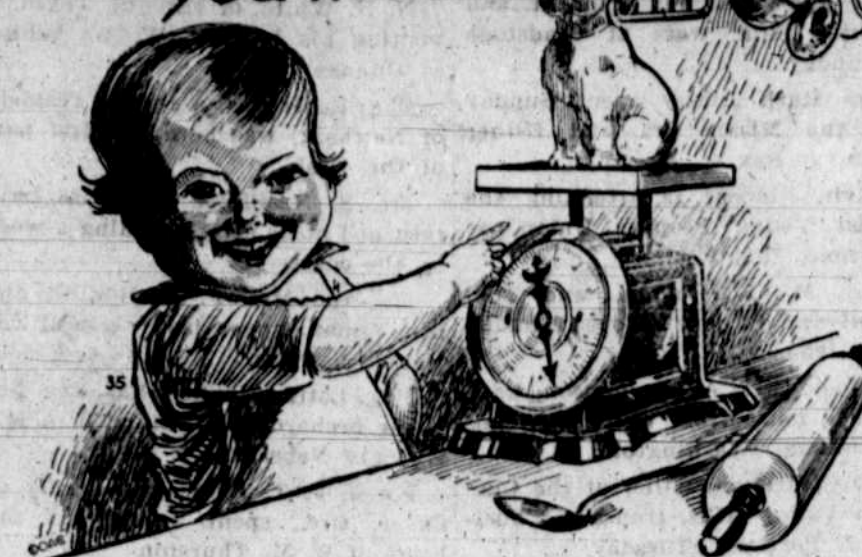
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