

SPRING SOWING OF FEDERATION

An Average of Two Bushels
per Acre Over Fall
Seeded Grain.

(Walter A. Holt, County Agent)

This letter is about the desirability of spring planting federation instead of fall planting it, and is also to give some facts about the smut situation. First, in regard to federation, some growers in the county have been planting fallow instead of fall planting it and the movement is increasing. This has some advantages and some disadvantages, which are listed below. The advantages are:

1. At the Pendleton field station, the spring planted federation has out-yielded the fall planted an average of two bushels per acre for the three-year period 1929, 1930 and 1931. A comparison of spring and fall planted federation, together with hybrid 128 and albit is shown in the following table:

Variety	Yield 1929-31	Planted
Federation	41.3 bushels	spring
Federation	39.2 bushels	fall
Hybrid 128	34.3 bushels	fall
Albit	32.2 bushels	fall

These figures may not hold good for every year, but they have not varied much at the station during the past three years.

2. by spring planting, the smut problem almost disappears. Spring planted wheat, if properly treated, very rarely has any smut. During the past few years smut has been

greatly increasing in the fall planted wheat.

3. Spring planting eliminates the hazard of winter killing, which occasionally makes replanting necessary, but more often makes thin and weedy spots in parts of the fields.

4. Spring planting allows one more chance at the weeds and so results in cleaner fields and less all-around trouble from weeds.

5. The spring planted grain usually has a higher testweight per bushel; it also has less dockage, these two points resulting in a higher price per bushel.

6. There is generally less straw growth when spring planted and this makes harvesting easier, makes less trouble in plowing under, and is an advantage in following crops as less fertility is removed from the soil.

7. In those parts of the county where peas can be satisfactorily grown, spring planting of wheat gives a grower a chance to consider pea acreage and in years when the market outlook is good for peas, he can better increase his pea acreage.

8. This year there is some possibility that the farm board may have something to offer along acreage reduction lines. If the Walla Walla plan for example is accepted, the acceptance may come after the fall planting season has passed, thus allowing participation only by growers who spring plant.

To partially offset these advantages there are the extra operations of soil preparation necessary if summer fallow is allowed to go over for spring seeding. Also run-off is worse if there is no fall planted crop. This is particularly serious on steep land.

This spring planting idea is presented particularly for consideration by growers in the regular federation section of the county. Spring seeding does not offer the hope in the light land section that it does in the heavier yielding sections. Shallow soils will not store as much moisture

as deeper soils and spring crops are more apt to suffer than winter crops. Therefore we cannot recommend spring planting in the lighter land areas. At the Sherman county experiment station where conditions are more or less similar to those in the lighter land areas of Umatilla county, the best spring seeded wheat has averaged about 5 bushels less per acre than the best fall seeded variety.

Cattle Outlook Better, Say State College Reports

Oregon State College.—An uncertain outlook for the wheat market and a relatively favorable future for the cattle industry is seen in production and market reports assembled by the agricultural economics department of the extension service and just issued in the current situation and outlook report.

The average farm price of cattle and calves is now at the pre-war level, the outlook report continues. Compared with most other farm products, however, beef prices are relatively favorable.

Reduced consumption rather than increased supply is blamed for the decline in beef prices. The per capita supply of beef in 1930-31 has been the smallest on record during the past 31 years. Since this supply is still small as compared to population, any upturn in general business conditions to better the buying power of the consumers will mean an immediate improvement in the cattle market, observers here believe.

Fred Eifert, Auctioneer
Fred Eifert, 71, well-known auctioneer, died last week at his home near Twilight station, in the east part of the county. He had been a resident of Umatilla county for 27 years. He is survived by his widow and six children, Frank, F. W., W. F., W. H., Mrs. D. B. Herndon and Mrs. Earl Thompson.

FARMERS SORE OVER TURNDOWN

Keen Disappointment Over
Rejection of Plan by the
Farm Board.

Walla Walla.—Keen disappointment marked the reception of information that the federal farm board had rejected the Walla Walla plan of "lifting" the surplus of wheat from the market. Farmers were joined by business men and bankers in denunciation of the action of the board whose statement of reasons for rejection was pronounced as failing to conform with facts.

Threats against the governmental organization in its local operations were made by farmer proponents of the program who declared that the farm board urged acreage reduction but refused to accept a method for this which would help the farmer finance his reduction.

Banking interests which had furnished money for the committee to make the trip to Washington also were vigorous in attacking the action of the farm board.

Return of the committee from Washington is expected to bring a call for a Northwest meeting of protest.

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High School Notes

Mac-Hi Downs Athena

The Hac Hi "Pioneers" defeated the Athena team Friday by the score 32 to 2. As this was the first game of the season, the playing was ragged and quite a few fumbles occurred. The first quarter the Athena boys held Mac Hi, but after that they could not stop Crimmins, Mac Hi's star player. Several Athena boys received injuries, but they will be back in the lineup next week. All the players who made the trip were able to get to play sometime during the game. The Athena lineup was as follows: Leland Jenkins, le; Lester Towne, lt; Jack Weber, lg; Fred Singer, c; Robert Campbell, rg; Glenn McCullough, rt; Wendell Shigley, re; Solista Pickett (captain), q; Bud Miller, rh; Ralph Moore, lh; Lowell Jenkins, f. Substitutes: Aaron Douglas, Kenneth Rogers, Leo Geissel, Roy Moore, Norman Moore, Max Johnson, Hugh Steele, Gail Zerba, Norbert Walters, Buddy Weber and Raymond Murphy.

Fresh Give Wiener Roast

The annual freshman wiener roast was held after school Monday, at Thornhill. This affair is the freshmen's treat to the high school. They provided lots of wieners, coffee and buns. Out door games and amusements were enjoyed.

Drums Added to Band

Drums have been added to the instrumentation of the band. Solista Pickett is playing the snare and Glenn McCullough is beating the bass drum. Besides these new members there are several rapidly progressing beginners who will soon be playing in the band.

First Meeting of Girls' League

The Girls' League held its first meeting of the year, Monday, September 21. Plans to attend the Girls' League Convention at Milton were discussed. A committee to outline a program of activities for the year was appointed. Betty Eager, Helen Barrett, Mary Jane Miller and Arleen Foster were appointed on the committee.

Art Club Formed

An Art club for high school students was organized Thursday afternoon, under the supervision of Miss Calef. About twelve students met with her in the study hall and plans for the courses to be pursued were discussed. Among the subjects to be studied are interior decorating, dress designing, pencil sketching and charcoal drawing.

Mary Emily Isaac

Following the death of her husband, Charles B. Isaac, less than a week, Mrs. Mary Emily Isaac, aged 60, died at Pendleton Saturday. She was born in Umatilla in 1871, being the daughter of Henry J. and Helen Albertine Kane Kunzie, early settlers of this county. She is survived by the following children: Mrs. Herman Snyder, Mrs. Herb Green, Charles W. Isaac of Pendleton; Mrs. Ruth Randall of Milton and Mrs. Frances Turner of Caldwell.

Bees Figure in Wreck

Would be rescuers at an auto wreck two miles north of Woodland, Wash., where five persons were injured Sunday night were literally stung into inactivity when a hive of bees being transported in a truck which was in the accident were released from captivity. The insects, alarmed and angered, lit upon the face and arms of several persons who sought to render first aid to the injured.

Valuable Racers Die in Closed Express Car

Ellensburg.—A string of 33 valuable racing horses belonging to Yakima valley Indians en route to the Western Washington fair at Puyallup suffocated between Wapato and Ellensburg Saturday.

The horses were in one express car in which the doors and ventilators had been closed, and those that were not victims of suffocation were trampled to death by the frightened animals in an attempt to get air at a small crack at one end of the car.

Twenty-seven of the horses were dead, three expected to die and three were able to walk around, but in a weakened condition.

The plight of the animals was discovered by Ellensburg trainmen when the Northern Pacific passenger train carrying the horses arrived here. Steam was discovered emitting from the cracks of the doors and upon investigation a pile of dead horses was found crowded in one end of the car. These horses were shown in races here recently at the Ellensburg rodeo and are believed the property of Jim Saluskin.

Special Election

The city of Pendleton will hold a special election November 7 to vote on a two mill tax to be used exclusively for unemployment relief. Funds to be raised by the tax will be applied mainly to the city levee system, although the ordinance calling the election is so worded that they may be used on other projects of public necessity if need arises.

Fire Danger at Jail

Declaring that prisoners in the county jail would probably roast alive with no means of escape should fire ever break out in the court house, the county grand jury in its formal report to Judge Calvin Sweek recommended that an external exit and fire escape from the jail be constructed, says the East Oregonian.

A Dead Man's Tap Proves Very Startling to Big Jake Kauffman

Big Jake Kauffman of Walla Walla, is well known by many people in Athena and the following story in the Walla Walla Union of recent date, will be read with interest:

It is not given to all men to commune with those who have passed beyond the veil. Jake Kauffman is one Walla Walla man who has done this, however. A long time ago when J. J. Kauffman wore a star which told the world that he was the chief of police of Walla Walla, a man was found dead in a warehouse.

A coroner's inquest was held and the man was identified as Mort Monpetit, former soldier at the garrison. Men who had soldiered with him were positive and said so emphatically. There was one doubting Thomas who insisted that a mistake had been made, that the man was not Mort, but someone who looked like him.

Then up spake one who knew Mort well. "Mort," he insisted, "had a peculiar mouth full of teeth, there being a double row of food gnashers inside his lips, if this chap has 'em he's Mort."

Examination revealed the double row of teeth.

"Now, we'll clinch it," he said, "Mort was a man who believed in personal cleanliness. Not only did he often wash his feet, but he kept his toenails manicured. Now if this fellow has feet like I say it's an absolute clinch that it is Mort."

So the body was examined. The feet were clean, and the toenails were manicured. The coroner's jury did not even leave its seats, but returned a verdict that one Mort Monpetit was dead. The body was buried and Jake Kauffman was one of the pallbearers.

The case was forgotten, Kauffman continued his police activities. Some three months later a man tapped him on the shoulder. Jake looked around and met the grinning glances of Mort Monpetit.

Last Call!
Only 4 more days
CONTEST CLOSES
MONDAY, SEPTEMBER 28, MIDNIGHT

\$10,000
IN CASH PRIZES
FOR THE BEST ANSWERS EXPLAINING THE
MYSTERY of the "HIDDEN QUART"
AND TELLING HOW THIS QUART BENEFITS MOTORISTS

Fact No. 1—Thousands of motorists and service station men have observed that after a car has been given its first fill of Conoco Germ Processed Motor Oil and is driven 200 to 350 miles, a look at the crankcase gauge shows that about one quart of oil is apparently missing... but

Fact No. 2—These same people have noticed that on the second and later fillings with Conoco Germ Processed Motor Oil, scarcely a drop of oil will disappear during the first 350 miles, and practically none at 500 and up to 1,000 miles!

The above facts have been checked by actual tests with cars that use six quarts of oil for the crankcase, cars in good mechanical condition and driven at ordinary rates of speed. These facts will also prove true for your car, in proportion to the amount of oil your crankcase usually holds, your car's mechanical condition and the speeds at which you drive.

What becomes of the "hidden quart"? The answer is easy if you study the Facts given above and keep in mind the things that only Conoco Germ Processed Motor Oil can do. The explanation of the whereabouts of the "hidden quart" is simple—no technical knowledge of motors or oil is necessary.

Remember—The "hidden quart" of Germ Processed Oil does not escape through leakage... does not burn up, wear out nor evaporate. It is "present but unaccounted for." Fact No. 2, given above, proves all this.

After you've found where the "hidden

quart" goes, you can easily see the special benefits it gives the motorist—advantages that no other oil can give.

Ask at any Conoco Station or Conoco Dealer for free Entry Blank which contains information about Conoco Germ Processed Motor Oil that may help you win. Conoco Station and Dealer employees will gladly answer your questions. Remember, you do not have to buy anything to enter this contest.

See Rules of Contest for complete details.

29 PRIZES

First Prize
\$5,000

Second Prize - - \$2,000

Third Prize - - \$1,000

4th, and 5th Prizes - - \$500

6th, 7th, 8th and 9th Prizes - - \$100

10th, 11th, 12th and 13th Prizes - - \$50

14th through 29th Prizes - - \$25

WINNERS WILL BE ANNOUNCED

as soon after the contest closes as possible.

Announcement of all winners will be made in this newspaper.

THE JUDGES

DR. W. B. RIZZELL, President
University of Oklahoma
JOHN A. HUNTER
Professor of Mechanical Engineering,
University of Colorado
FRANK L. MARTIN, Asso. Dean
School of Journalism, University of Missouri

THE QUESTION

"What becomes of the 'hidden quart' and how does this quart benefit the motorist?"

COMPLETE RULES OF CONTEST

1. Answers may be any length not exceeding 200 words; length of answer will not determine winners. Write answers on Official Contest Entry Blank preferably, or on plain white paper. Conoco Stations and Dealers will give you an Official Contest Entry Blank free. Elaborate presentations of answers will not count in your favor.

2. Write your answer in plain, simple language. Technical terms or special scientific knowledge will not influence the judges.

3. Contest closes midnight, September 28, 1931, and no entries bearing postmarks after midnight, September 28, 1931, will be accepted.

4. Contest open to everybody except employees and executives of the Continental Oil Company, Conoco Stations, Conoco Dealers and the Company's advertising agency, and their families.

5. In case of tie, both contestants will receive full amount of prize tied for.

6. You do not have to use or purchase Conoco Germ Processed Motor Oil or other Conoco products to compete for prizes.

7. All entries submitted, whether or not they win prizes, become the property of the Continental Oil Company and may be used in advertising without payment, and none can be returned to senders.

**CONTEST CLOSES
MIDNIGHT
SEPTEMBER 28th.**

ADDRESS ALL
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