

Soil Conservation Practices Told at Association Meeting

(Continued from last week)

Another question brought up was weeding practices. In general the weeds of the grain area are Russian thistle in spring grain and tar weed and mustard in winter grain. Harrowing was the common practice up until the last few years. Much criticism was offered of this practice by the group. Harrowing is a hazard in that it pulverizes and dusts the top soil. This leaves it exposed to wind blowing and the soil tends to seal over and resist moisture penetration. Also harrowing tends to loosen the seed bed instead of firming it. Rod weeders meet with more favorable comment because they tend to keep the clods and trash on top as well as to firm up the seed bed.

A slide picture was run that showed where a solid seeding of crested wheat grass, three years old, controlled morning glory under dry land conditions. The patch was thoroughly controlled except around the outside edges. Speculations arose as to whether furrow seeding of crested wheat grass might not control morning glory just as effectively if given time. More time of course would be required but there is every reason to believe that the crested wheat might eventually gain the upper hand. Some doubt was expressed as to this. Fall seedings would probably be most successful because the fall and winter growth of crested wheat is what gives it a big advantage over morning glory. What would happen if this crested wheat patch was plowed up is answered by an experience that Sam Turner cited. Sam told of an infested area that had been in grass for 15 years. Complete control seemed apparent. He plowed it up for a garden two years ago and now the morning glory has come back as thrifty as it ever was.

Considerable discussion was given over to drills and drilling. Deep furrow drills received the most favorable comment. Double disc drills were given preference over the single disc. Henry Smouse cited an experience where he obtained heavier yields with the deep furrow drilling.

Orville Cutsforth stated he had observed that less runoff occurred on lands seeded by the hoe drill. Mr. Cutsforth also found that he had trouble with presses trailing the furrows on slopes and side hills. They worked fine for him on level land. In damp soil he found the press tended to build up and ride on top of the furrow ridge, and prevented seeding deep to the moisture. It was thought that this difficulty could be overcome by having dished press wheels which certain drill makes have. As a whole, presses for deep furrow seeding was deemed advisable. Mr. Cutsforth also found that by seeding in twelve inch rows his drill left a broken ridge instead of a peaked ridge. This broken ridge proved to be an excellent hot bed for weeds. A peaked ridge cuts down the weed population and he believes if he seeds in twelve inch rows, or narrower that this difficulty will be solved.

Chiseling to break up hard pans was mentioned. Mr. Smouse has tried plowing deep with moldboards which in his particular case is comparable to chiseling. His soil is of a type that breaks up in large slab like pieces and leaves a very rough condition. He plowed this fall and will observe the results in seasons to come. Chiseling on steeper slopes may be a much more difficult problem. One case was cited where chiseling was done at the bottom of the slope. In the spring runoff it absorbed so much water that large slips occurred and the field was ruined, at least temporarily. Mention was made of strip cropping the steep slopes for protection. Strips, it was conceded would be all right, perhaps, on large fields that are not irregular, but is a problem on small areas. Seeding upper slopes and especially the top to grass was favorably suggested. This was apparent to all that it is essential to control the runoff from the upper slopes in order to protect cultivated lands farther down. Trashy tillage brought out that there is a point reached in steepness of slope where it is questionable if any type of tillage

for continuous retired cropping is practical, and if the proper thing wouldn't be to retire such lands to grasses. One farmer anticipated the firming of a seed bed on chiseled ground and was answered by another that rod weedings would firm it enough.

The grazing of stubble by sheep was mentioned and a warning given that judicial care should be used. Disc plowing without stubble defeats a large share of its purpose.

Speculations were voiced about the new implement, or basin lister, that machine companies are advocating to certain purposes. Mr. Cutsforth is wondering how basin tillage could be weeded and a seed bed prepared without using a harrow to smooth up the field for combining. If the rod weeder would not firm it and level it enough, harrowing certainly would not be advisable.

The entire meeting stressed the facts, that the "Time Element" in controlling blows, that tillage which evaded pulverizing, plus the use of implements that would not drag trash and cause dusting of the soil, and shallow plowing were paramount in controlling erosion. The meeting revealed a trend, that there will be new farm implements yet to come.

GIVE BIRTHDAY PROGRAM.

A play, "February Birthday Party," was presented by the lecturer at the Willows grange meeting Saturday night, honoring many famous people whose birthdays were in February. Other numbers and songs in keeping with that type of program were also used. Mr. and Mrs. Al Troedson, members of Lexington grange, were visitors at grange and attended the program.

H. E. C. TO MEET.

The Willows grange Home Economics club will hold its meeting March 19 in the grange hall at Cecil where they will work on a quilt and other pieces of fancy work.

Packy Carty was in town Tuesday from the Juniper canyon ranch.

BOARDMAN

By LA VERN BAKER

The Boardman basketball team won the tournament held at Heppner Friday and Saturday. The boys started out well by beating Ione Friday evening, 21-6. Saturday afternoon they won from Lexington with a score of 39-9, and the championship game which was played Saturday evening, they won from Condon, 37-15. The boys were presented with a beautiful bronze trophy given by the Lions club of Heppner.

The coaches all met and picked an all-star squad. The boys on the all-star team will receive badges. Those chosen from Boardman were Ted Wilson and Stanley Partlow for the all-star team, Kenneth Ransier on the second string and Don Tannehill and Edward Skoubo received honorable mention.

The boys will now enter the district tournament at Arlington March 5 and 6. The winner from Arlington will enter the state tournament at Salem, March 25, 26 and 27.

Dave Johnston left for Portland Monday afternoon where he will undergo an operation on his finger, which is a result of his fighting in the fights at Portland last fall.

Robert Mitchell passed away at his home, Friday morning, after an illness of several weeks. A grange funeral was held for him, Sunday afternoon in the Greenfield grange hall. The services were handled by Charles Wicklander of La Grande. Interment was in the Boardman cemetery.

An Odd Fellows convention was held at Boardman all day Saturday. It was a district convention with state officers here. A large crowd attended. Lunch and dinner were served by the ladies.

Mr. Funkhauser returned this week with a load of hay from Baker county. Mr. Funkhauser had moved the Mackan family to Herford.

Mrs. George Wicklander, Jr., and small son visited Mr. and Mrs. Closs at Barnhart last week.

Carl Ayers of Nevada visited at the home of his parents, Mr. and Mrs. A. P. Ayers, this week.

An interesting over-time basketball game was played on the Board-

man floor Monday afternoon between the Umatilla and Boardman grade school teams. Umatilla won and will now be able to go to Arlington to the grade school tournament to be held there.

Mr. and Mrs. I. Skoubo have purchased a new Studebaker car. Dallas Wilson brought it down from La Grande Saturday.

Mr. and Mrs. A. B. Black motored to The Dalles Saturday where they purchased a new car.

Mr. Lay, Mr. Hug and Mr. Baker made a business trip to Hermiston Saturday.

Mr. and Mrs. Ball were visitors in Heppner Saturday.

Donald Anderson returned from the Hermiston hospital last week,

where he has been suffering from double pneumonia.

CALL FOR WARRANTS.

Outstanding warrants of School District No. 1, Morrow County, Oregon, up to and including Warrant No. 4003, will be paid on presentation to the clerk. Interest on said warrants ceases March 6, 1937.

LOUISE BECKETT, Clerk.

FARM BUREAU TO MEET.

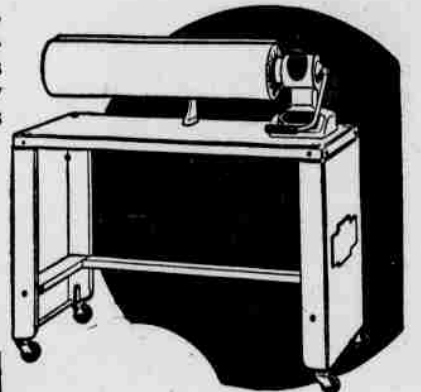
Alpine Farm Bureau will have its regular meeting Saturday, March 6, announces Alex Lindsay, president.

WANTED: Man with car to take over profitable Rawleigh Route in West Umatilla and Grant counties. Established customers. Must be satisfied with earnings of \$30 a week to start. Write Rawleigh's, Dept. ORC-84-101, Oakland, Calif.

SEE THESE THOR MODELS



Prices on 1937-model Thor Washers and Ironers are still low. Buy now before prices advance!



New Thor Ironers \$44.95 up

New Thor "Gentle Hand" Washers \$79.95 up

Other Thor models as low as \$59.50

The new "Gentle Hand" unit washes clothes with the gentleness of human hands, yet cleanses them faster than ever before. The new Thor Ironers make ironing effortless—cut your ironing time in half. Buy now on convenient terms!

PACIFIC POWER & LIGHT COMPANY

Always at Your Service

"WASH WATER WHEEZES"

are so old-fashioned!

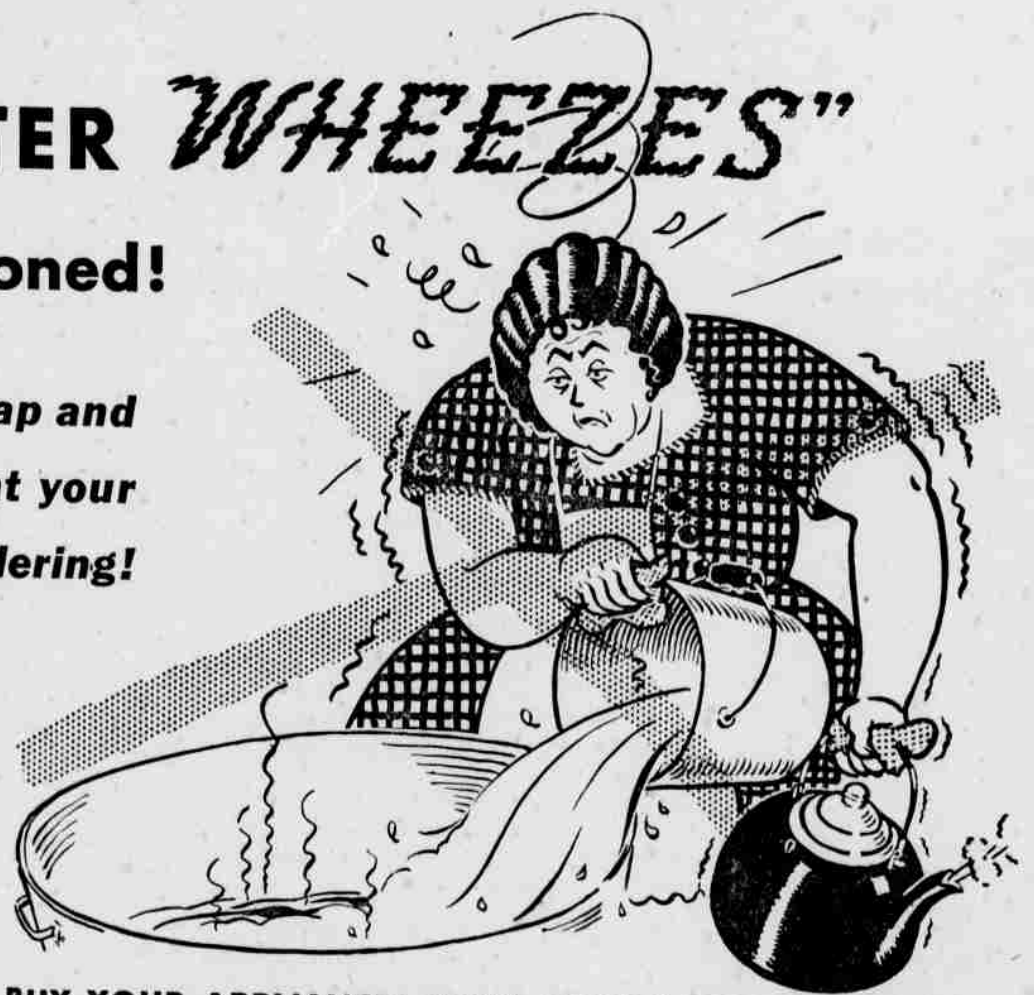
... Electricity is so cheap and willing... Use it to heat your water and do your laundering!

● Is hot water a serious problem in your home? Does heating it mean firing up your range or furnace full tilt?

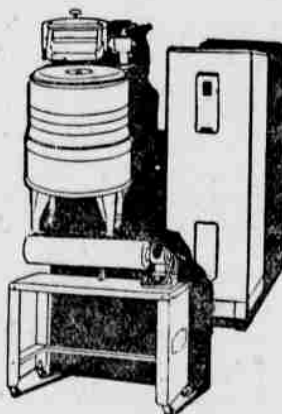
The way to have *effortless, economical* hot water is with an automatic electric water heater. Then on wash day—or any other time—all you have to do is to turn the faucet for as much hot water as you need.

In fact, the modern way to do all your laundering is to do it electrically. Then drudgery is banished. Your clothes are cleaner, more attractive and have not been subjected to "wash wear".

Start your all-electric home laundry now. Prices on electric washers, ironers and water heaters are still low although advances are expected. The operating cost of this equipment is small because Pacific Power & Light Company's rates—always low—are now lower than ever before!



BUY YOUR APPLIANCES NOW, BEFORE PRICES ADVANCE!



Electric Washer. The new washers are extremely gentle, yet so efficient that dirt is removed in 5 to 7 minutes. Prices are still low. Be thrifty. Buy now!

Electric Ironer. An ironer takes the backache out of ironing. It exerts all needed pressure, does all the lifting and pushing. You merely sit and feed your pieces through in *half the time* you formerly took to iron.

Electric Water Heater. With an automatic electric water heater, you have plentiful hot water for laundering and every household use whenever you turn a faucet, day or night, winter or summer. Heater and operating costs are low.

For electric washers, ironers and water heaters
SEE ANY DEALER IN ELECTRICAL EQUIPMENT
or PACIFIC POWER & LIGHT COMPANY

Always at Your Service