

**MORE INTENSIVE PRODUCTION
KEY TO AG PROBLEM**

"Two blades of grass where only one grew before" may be a solution to one of Oregon's mounting farm production problems.

More intensive production must come from the state's 5,000,000 acres of plow land in farm output is to keep pace with increased demand created by swelling population, said Ed McCause, LaGrande, at the recent statewide agricultural conference held on the Oregon State college campus. He was chairman of the conference soil and water resources committee.

McCause said the state's agriculture is based on from 4,500,000 to 5,000,000 acres of plow land. There is little prospect of increasing that acreage.

"Demand on this limited area of cropland is real. The effect on the individual farm is becoming only too apparent," he said. "The cost of owning land in purchase price, taxes and interest is mounting. These are ac-

companied by increased material, labor and supply costs. The individual farmer, by necessity, faces the problem of increasing the volume of business from the same acreage—so it is for the state as a whole."

The committee which McCause headed pointed out ways through which a production increase could take place during the next 15 or 20 years:

1. By bringing an additional 800,000 acres under irrigation in the Willamette valley.
2. Extended water supplies in eastern and southern Oregon to benefit 1,000,000 acres either through better supplies on land now irrigated or to land now dry farmed.
3. Improve 800,000 acres of land by drainage.
4. Step up production 25 to 50 per cent by intensive and proper use of commercial fertilizers.
5. Double production from 500,000 acres of wild meadow hayland.

**CROP EMPHASIS FOR THIS
SPRING ON FEED GRAINS**

Here's the answer to that question: "Which feed grain variety shall I plant?"

Depending somewhat on where you live, Rex Warren, Oregon State college extension farm crops specialist, says Hannchen barley is the most popular spring grain variety. In addition to being a good, high producing feed grain, it has the added advantage of being acceptable as brewing barley.

Hannchen is the recommended barley variety in central Oregon and the Klamath basin. Warren gives the nod to Meloy or Flynn 37 as Columbia basin choice, and in the Snake river-Malheur county area, Bonneville is his pick. None of these three is a brewing type.

Emphasis this spring is on feed grains, Warren says, adding that he believes they are about as profitable a crop as can be planted now. He bases his judgment on the fact that livestock numbers are on the increase and grain feed supplies will likely have difficulty keeping pace with demand.

Federation is the most popular spring wheat variety for eastern Oregon. While most oats are raised and fed at home, the specialist says Carleton is recommended for the Columbia basin. Shasta, Overland

Victory are his choices for central Oregon. In the Snake river area of eastern Oregon, Overland and Cody are best suited.

Idahybrid 680 and U. S. 13 are suggested corn varieties for the Columbia basin, while Idahybrid 544, Western 90 Day, or Idahybrid 680 are recommended for the area along the Idaho line.

In Hermiston, Umatilla and Malheur areas, corn will yield better than 125 bushels per acre and will compete favorably with yields received in the "corn belt," Warren adds.

Applications of nitrogen fertilizers will increase yields of all cereals, and for wheat, oats and barley, 30 to 40 pounds of available nitrogen applied before planting is suggested in irrigated and high rainfall areas. For corn, nitrogen and phosphorus combinations such as 16-20 give best results. Two hundred pounds per acre, applied at planting, broadcasted before, or side-dressed after planting, will increase yields.

**Vale Woman Seeks
County Clerk Job**

Mrs. Alice Shambaugh has announced she is running for Republican nomination for county clerk.

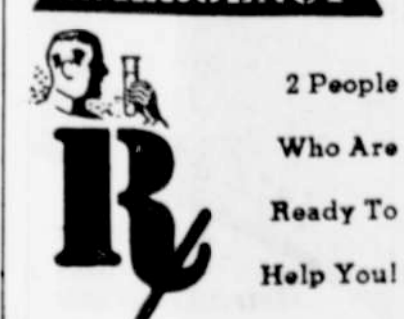
She has been deputy sheriff for the last three and half years. Was employed by the forest service in Portland for three and one-half years and worked part-time for forest service on a part-time basis for seven years. Graduate of Oregon State college. Resident of Malheur county since 1918, except for part spent in Portland and Washington. Worked in county clerk's office in 1929 as stenographer, and worked in Malheur Title and Abstract company office part-time during 1928 and 1929. Was secretary in soils department during time she was attending O. S. C. Majored in education with emphasis on commercial subjects. Daughter of former Justice of Peace Percy Purvis of Vale, who served in that capacity for many years.

**Army Trains Men In
Use Of Materials**

The idea behind a phase current to world war II is getting new emphasis in military circles. T. E. C. A. Bruner of the USA and USAF recruiting office located in the Guss building in Ontario said today.

The words, "repair it, make it do, or do without," though they are no longer in use, still typify the attitude of the GI in combat and at installations in this country.

The recent Associated Press story of the two army corporals from Wenatchee, Washington, and Salem, Oregon who "hopped up" a burned-out tank engine in Korea by using what they could find, plus a few mail order parts, is a case in point. "What the men didn't have they made," Sgt. Bruner said, "and what they couldn't make they ordered from the least expensive source. The engine they turned out worked better than ever." Recruiters don't work on engines, but they do use supplies and equipment, the recruiting officer pointed out. Every possible effort is being made to make the fullest and most economical use of materials and facilities. As with the work of the army corporals, such care in the use of supplies is part of a service-wide program of economy.

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