

Panorama for Painters



Out of the misty, purple depths of Grand Canyon of the Colorado in Arizona rise varicolored mountains more than a mile high. This panorama from the north rim shows the view summer vacationists receive of the age-old efforts of erosion which is a challenge to an artist's skill. On the very edge of the north rim comfortable accommodations at reasonable cost are provided in cabins and Grand Canyon Lodge.

—Union Pacific Railroad Photo

Harris Develops Leveling Self-Propelled Push Type Combine

Result of many years experience in the manufacture of combine harvesters, years of engineering research and field experience with an experimental model, under a wide variety of conditions, the Harris Manufacturing company of Stockton, California, is introducing a new hydraulic leveling, self-propelled combine harvester in the Pacific northwest this season.

With the beginning of the wheat harvest a number of the new "package" units were brought into the northwest and one placed with the local Harris dealer Philip G. O'Meara of Wasco.

Separator Levels by Single Level

The new self-propelled has an automatically adjusted header with 14 1/2 feet cut which feeds into a hydraulic leveling separator.

for 34 inches wide all the way. The principle of separation, utilizing three fans, etc., is known and recognized for almost fifty years. From there it goes to a 60-bushel bulk storage bin. This can be emptied into an attendant truck in less than two minutes. The separator incorporates many advanced ideas in the handling of grain and straw throughout the machine, the engineering reflects experience gained by the company in many years of manufacture of side hill models for the severe conditions of the Pacific northwest.

The machine is mounted on rubber with the master drivers in the front and guiding wheels trailing the main wheels in the rear. The combine has a 115 horsepower industrial type gasoline motor which provides driving and separator power. Practically all controls are similar to an airplane "stick" and all power is transmitted through V belts.

BETTER SOIL EROSION PROTECTION
GREATER MOISTURE PENETRATIONCalkins
ROTARY
SUBSOILER

CONTROL YOUR
SOIL EROSION
LOSSES... USE
INTERMITTENT
DEEP TILLAGE



The CALKINS ROTARY SUBSOILER reduces soil erosion loss because moisture penetration is greatly increased. Combine the use of modern tillage methods with the use of stubble and DEEP TILLAGE and you'll increase your farm profits! SUBSOILING is a proven method of soil erosion control!

The Calkins Rotary Subsoiler works effectively in rocky and trashy conditions; power needs are reduced as much as 80%, making a saving on tractor maintenance and fuel costs; scientific leverage design means greater tillage efficiency! See the proved CALKINS ROTARY SUBSOILER now... stop erosion loss!



Moon Equipment Co.
WASCO, OREGON

POLIO PRECAUTIONS

RECOMMENDED BY
THE NATIONAL FOUNDATION FOR INFANTILE PARALYSIS



AVOID NEW GROUPS

DON'T GET OVERTIRED

DON'T GET CHILLED

KEEP CLEAN

WHEN POLIO IS AROUND, the National Foundation for Infantile Paralysis recommends these simple precautions: Keep children with their own friends and away from people they have not been with right along. Don't become exhausted through work or hard play. Don't stay too long in cold water or sit around in wet clothes. And always wash hands before eating. Watch for feverishness, sore throat, headache, upset stomach or sore muscles. They may—or may not—mean polio. Call your doctor and then, if help is needed contact the National Foundation Chapter in your area.

More Smut Is
Continuing Story

Even more smut than last year in the 1950 Columbia basin week at Oregon State college as a result of field inspections made in the area by three members of the college staff.

Those who took part in the survey were Dr. S. M. Dietz, department of plant pathology and botany department head; A. P. Steenland, extension plant path-

ology specialist; and Rex Warren extension farm crops specialist. They made their report at a recent meeting of the Northwest Smut Control committee at which representatives from Washington and Idaho agreed that the area's number one wheat disease would again take a huge toll.

Inspections last year on almost 19,000 farmer-owned lots of wheat produced in Oregon, Washington and northern Idaho indicated 20.3 percent of the crop was smutty. It was the seventh straight year of increase since a lowpoint of 2.8 percent

smut found in samples taken from the 1942-43 crop.

Partially responsible for the amount of smut present has been the increased production of such susceptible varieties as Elgin and Fortyfold. In the three state Columbia basin area last year, 23 percent of the wheat seeded in the area is treated prior to seeding, R. O. Fletcher, Walla Walla, secretary of the Pacific Northwest Crop Improvement association, estimates that

50 percent of the treated wheat is done so improperly.

The problem, he says, is failure to clean seed wheat properly before treating. Thus, hard smut balls which remain in the seed lot are unaffected by the treatment materials. They re-infect seed in the ground.

The college officials indicate also that a smut race which cannot be controlled by seed treatment, dwarf smut, is on the increase. Common smut, they ex-

plain, usually lives in the soil just one season. Meanwhile, dwarf smut spores live for several years, attacking only winter wheat.

Mr. and Mrs. Hadley Stark arrived Thursday from Hollydale, California to visit his father, Sam Stark and Mrs. Stark and other relatives here. They left Saturday for Tygh Valley to visit his sister, Mrs. Willis Brittain and family.

If those who read and enjoy the
Sherman County Journal
would tell others about it they might
enjoy it too. That would help us all.

Beauty Queen... King Size!



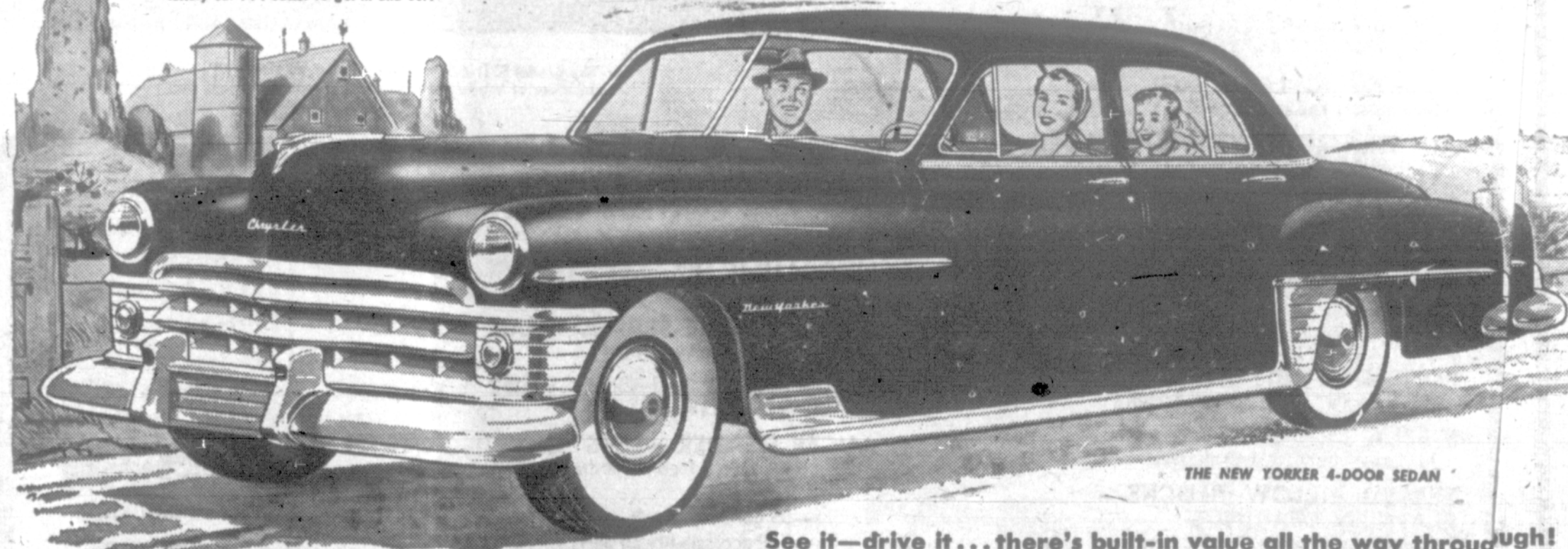
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Flux rubber seat cushions and backs exceptionally wide... extra room for your shoulders and legs!



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PRATT MOTOR CO., Wasco, Oregon
First and Biggs Streets