

Despite their popularity, meta-analyses demonstrate that low-carbohydrate diets are **no more effective** for weight loss than low-fat or balanced diets!



Oregon's soft white wheat is ideal for use in making cakes, pastries, steam breads, flat breads, snack products, cookies, pancakes, muffins and certain types of Asian noodles.



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# OREGUN WHEAT GROWERS LEAGUE

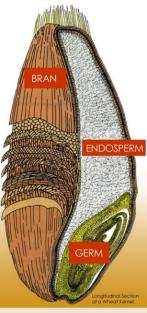
# FARMERS FEED THE WORLD





The Oregon Wheat Growers League (OWGL) is the oldest not-for-profit grower trade association in the U.S. wheat industry. Formed in 1926, the primary mission of the OWGL is to represent and advocate on behalf of Oregon wheat producers at both state and federal levels. OWGL also represents barley growers, and has been actively involved in projects for other crops that are grown in rotation with wheat.

Oregon ranks 12th among the wheat producing states in the United States (2019). Wheat ranks 3rd (2018) in Oregon's agricultural crop production in terms of value, based on price and production. Approximately 90% of Oregon's wheat crop is grown for the export marketplace and is shipped through commercial export facilities, primarily the Port of Portland to destinations in the Pacific Rim.



### **Endosperm**

About 80% of the kernel weight. It is the source of white flour. Endosperm contains the greatest share of the protein, carbohydrates, & iron in the whole kernel as well as many B-complex vitamins.

### Bran

About 15% of the kernel weight. Bran is included in whole wheat flour & is also available separately. Of the nutrients in whole wheat, the bran contains a small amount of protein, large quantities of the B-complex vitamins listed above, trace minerals, & indigestible cellulose material.

### Germ

About 3% of the kernel weight. The germ is the embryo, or sprouting section, of the seed, & is usually separated because it contains fat that limits the keeping quality of flour. Of the nutrients in whole wheat, the germ contains minimal quantities of protein, but a greater share of the B-complex vitamins & trace minerals.

## WHEAT FACTS

- It takes 2.3 bushels of wheat (138 lbs.) to produce 100 pounds of white flour.
- In 1880, it took 373 hours of labor to produce 100 acres of wheat. Today, it takes less than eight hours!
- Wheat is the #1 export of the Port of Portland.
- Umatilla County produces 25 30% of the state's wheat.
- Approximately 90% of Oregon wheat is exported.
- The majority of Oregon produces soft white wheat due to our region's climate.
- A large barge on the Columbia River can carry up to 125,000 bushels of wheat.

