

# ALTERNATIVE USES FOR WHEAT

The properties that make wheat suitable in food products, gluten (protein) and starch also make wheat functional in nonfood and industrial applications. Wheat gluten is unique due to its ability to be elastic, bind water and form films that can be stabilized with heat. These properties render wheat gluten useful for the preparations of adhesives, coatings, polymers and resins.



## PRODUCTS THAT MAY CONTAIN WHEAT

CAT LITTER	BIODEGRADABLE PLASTICS
PAINT STRIPPER	MAKEUP
HAIR CONDITIONER	LOTION
PACKING PEANUTS	PAPER PRODUCTS
PLAY DOUGH	POSTAGE STAMP ADHESIVE
HAIR CONDITIONER	LOTION & SUNSCREEN
CHARCOAL	VITAMINS
SURFACE COATING	GLUE
TEXTILE FINISHING AGENTS	STRAW PARTICLE BOARD
ALTERNATIVE FUELS	PET FOOD
SKEET PIGEONS	LIQUID DETERGENTS

...AND MANY MORE!

## WHEAT BYPRODUCTS

### WHEAT STARCH

Wheat starch is obtained by wet-milling the wheat kernel. It is used in adhesives, surface coatings and laundry finishings, as well as thickening agents in industrial products and baked goods.

### WHEAT STRAW

Wheat straw is often used for animal feed, household fuel and raw materials for the paper industry. It can also be used to absorb heavy metals from wastewater.

### WHEAT GERM OIL

Wheat germ oil is extracted from the wheat germ. It is used in cosmetics and vitamins because it is high in vitamin E.

VISIT [TEXASWHEAT.ORG](http://TEXASWHEAT.ORG) FOR MORE WHEAT FACTS



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