



# Cargill Pet Food Ingredients & Resource Guide

**Enabling You to Create Nutritious  
Pet Food and Pet Snack Solutions**

*The purpose of this document is to arm you with Cargill's portfolio of Pet Food Solutions in order to accelerate joint innovation and allow you to get to market faster with nutritious companion pet food and pet snack solutions. By providing this update, Cargill hopes to help you easily navigate and leverage the Cargill organization to achieve its growth and innovation goals.*

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**Cargill**® Helping  
the world  
thrive

# Cargill's Pet Resource System

The Cargill Pet Resource System includes a myriad of value-added capabilities and services that can be leveraged to bring nutritious pet solutions to market.

## Comprehensive Pet Food & Pet Treat Portfolio

Cargill's ingredient portfolio includes animal and plant proteins, fibers, texturizers, oils and much more, ensuring we deliver the nutritional, textural and shelf life benefits that lead to healthy pets and satisfied pet owners.

## Consumer Perception Tracking & Insights

Using Cargill IngredienTracker,™ we can support your formulation and product development process with proprietary market data and insights.

## Superior Research, Development & Technical Expertise

Cargill's R&D capabilities and facilities are global, with teams of animal nutrition research professionals working in state-of-the-art ingredient innovation and application centers around the world.

## Global Scientific & Regulatory Affairs Collaboration

Cargill's regulatory and scientific affairs team brings extensive knowledge of regulatory frameworks such as AAFCO ingredient approval, and many others in markets around the world.



## Global Supply Chain & Risk Management

Our global supply chain and risk management capabilities ensures we can reliably and efficiently provide those quality ingredients, helping you scale production to meet a growing demand for pet products with strong health and wellness attributes.



For information regarding any of the components of Cargill's Pet Food System, please feel free to contact your sales representative.

# Cargill Pet Food Ingredient Solutions

Cargill's portfolio of pet-relevant ingredient solutions deliver healthy benefits that can help your company thrive.

	Textur-ant	Fiber	Cost Optimi- zation	Label- Friendly
<b>CARBOHYDRATES</b>				
Modified Starch	•		•	
Native Starch	•		•	•
Maltodextrin	•		•	
Potato Starch	•		•	•
Glycerin (Vegetable)	•		•	
Dry Corn Syrup	•		•	
Whole Grain	•			•
Pectins	•			•
Soluble and Insoluble Fibers	•		•	•
Xanthan Gum	•			
Carrageenan	•			
Wheat Germ (Aleuron)		•	•	•
Oat	•	•	•	•
Barley (Sustagrain)		•	•	•

	Textur-ant	Fiber	Cost Optimi- zation	Label- Friendly
<b>GRAINS &amp; PULSES*</b>				
Ancient Grains (Amaranth, Quinoa, Sorghum, Millet, Teff, Buckwheat)	•	•		•
Heirloom Wheats (Emmer, Einkorn, Spelt, White Sonora, Rye, Triticale)	•	•		
Legume Flours (Pea, Chick Pea, Red & Green Lentil, Fava Bean, Black Bean)	•	•	•	•
Barley Flour & Berries (High Fiber, Colored)	•	•	•	•
Sprouted White Wheat Flour	•			
Wheat (Flour, Bran)	•	•		
Barley (Flour, Berries)	•	•	•	•

	Palat- ability	Preserv- ative	Cost Optimi- zation	Label- Friendly
<b>OTHER BENEFICIAL INGREDIENTS</b>				
Corn Syrups	•	•	•	
Cane Sugar	•	•		
Sea Salt	•	•		•
Potassium Chloride (US Source)		•		
Sodium and Potassium Chloride Blend (Saltwise)		•		
Salt (All Granulations)	•	•	•	
Citric Acid		•		
Potassium Citrate		•		
Sodium Citrate		•		
Plant Sterols				•
Yeast (from Fermentation Process)	•		•	•
TruMune® (Yeast Metabolites)	•			•
Compound Coatings – Plain & Flavored (e.g. Peanut Butter)	•			

	Palat- ability	Cost Optimi- zation	Label- Friendly
<b>FATS &amp; OILS</b>			
Animal Fats; Beef Tallow, Pork Fat, Chicken Fat	•	•	•
High Oleic Sunflower Oil	•		
High Oleic Canola Oil	•		
Soy Oil	•	•	•
Omega 3 Oils		•	•
Lecithin		•	•
Choline		•	•
Low-Linolenic Oils	•		•
Variety of Oil Blends	•	•	•

(Cargill Pet Food Ingredients continued on next page)

**\*Ardent Mills Ingredients**

**Claims:** The labeling, substantiation and decision making of all claims for your products is your responsibility. We recommend you consult regulatory and legal advisors familiar with all applicable laws, rules and regulations prior to making labeling and claims decisions.

## Cargill Pet Food Ingredient Solutions (continued)

	Protein	Cost Optimization	Label-Friendly
<b>ANIMAL PROTEIN</b>			
Hydrolyzed Protein	•		
Collagens	•	•	•
<b>Beef (Labeled as Beef)</b>			
Ground Beef	•	•	•
Hearts	•	•	•
Weasands	•	•	•
Beef Muscle Cuts (Various Lean Points), Tenderloin, Brisket, etc.	•		•
Mechanically Deboned Beef	•	•	•
<b>Beef By-Products</b>			
Spleen, Lung	•	•	•
Bovine Plasma			
Liver, Kidney, Tripe	•	•	•
Meat and Bone Meals (50% Protein)	•	•	•
<b>Turkey (Labeled as Turkey)</b>			
Ground and Mechanically Separated Turkey	•	•	•
Whole Muscle Cuts and Parts	•		•
Ground and Parts	•		•
<b>Turkey By-Products</b>			
Liver, Hearts	•	•	•
<b>Pet Treat Materials</b>			
Bones	•		•
Soft Tissue Products	•		•
<b>PLANT PROTEIN</b>			
Pea Protein	•		
Corn (Whole, Meal, Flour)	•	•	
Corn Gluten Meal	•	•	
Corn Hulls	•	•	
Empyreal® 75 (Corn Protein)	•	•	
Flax (Linseed) Meal	•		
Soy (Meal, Flour)	•	•	
Textured Soy Flour	•	•	
Soy Germ Meal	•	•	
Soy Hulls	•	•	
Vital Wheat Gluten*	•	•	
Canola (Whole, Meal, Flour)	•	•	•
Sunflower (Whole, Meal)	•		•

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