



BUNGE®

PurePro®

Plant Protein Portfolio



# Soy Protein Ingredients

PurePro® helps you create irresistibly craveable foods that deliver superior nutrition – sustainably. Our portfolio of non-GMO and conventional soy proteins are available in a range of textured and powdered formats delivering 50% to 90% protein on a dry basis across soy protein flours, concentrates, and isolates.



## Textures

~50% – 70% protein\*



## Powders

~70% – 90% protein\*



Ultra-Clean Tasting

Elevate Deliciousness

Sustainably Crafted

Reduce CO<sub>2</sub>e Footprint

Nutritionally Advanced

Maximize Nutrition Claims

\*Dry basis

# Soy Protein Portfolio – Textures & Powders

|              | Textures                                                                          |                                                                                     | Powders                                                                             |                                                                                     |
|--------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|              | ~50% - 70% PROTEIN*                                                               |                                                                                     | ~70% - 90% PROTEIN*                                                                 |                                                                                     |
|              |  |  |  |  |
|              | Concentrates<br>~70% Protein*                                                     | Flours<br>~50% Protein*                                                             | Concentrates<br>~70% Protein*                                                       | Isolates<br>~90% Protein*                                                           |
| Non-GMO      | ●                                                                                 | ●                                                                                   | ●                                                                                   | ●                                                                                   |
| Conventional | ●                                                                                 | ●                                                                                   | ●                                                                                   |                                                                                     |

\*Dry basis



# Textured Soy Protein Concentrates

~70% PROTEIN\*

|              | Crumble                                                                           | Granule                                                                            | Large Flake                                                                         | Small Flake                                                                         |
|--------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|              | 1/4 Inch<br>5.0 mm                                                                | 1/4 Inch<br>3.0 mm                                                                 | 1/4 Inch<br>4.0 mm                                                                  | 1/8 Inch<br>2.0 mm                                                                  |
|              |  |  |  |  |
| Non-GMO      | Soy 70T - Crumble 500                                                             | Soy 70T - Granule 300                                                              | Soy 70T - Flake 400                                                                 | Soy 70T - Flake 200                                                                 |
| Conventional | Soy 70T - Crumble 550                                                             | Soy 70T - Granule 350                                                              | Soy 70T - Flake 450                                                                 | Soy 70T - Flake 250                                                                 |

\*Dry basis

## PRODUCT DETAILS

BAGS: 25lbs / 11.34kg

CARMEL COLORING  
CLASS 1 & 3 AVAILABLE

VITAMIN & MINERAL  
FORTIFICATION AVAILABLE

KOSHER<sup>†</sup>

HALAL



# Textured Soy Flours

~50% PROTEIN\*

|              | Large Granule                                                                     | Small Granule                                                                      | Large Flake                                                                         | Small Flake                                                                         |
|--------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|              | 5/16 inch<br>4.0 mm                                                               | 1/8 inch<br>2.0 mm                                                                 | 1/4 inch<br>3.4 mm                                                                  | 1/8 inch<br>2.0 mm                                                                  |
|              |  |  |  |  |
| Non-GMO      | Soy 50T - Granule 400                                                             | Soy 50T - Granule 200                                                              | Soy 50T - Flake 300                                                                 | Soy 50T - Flake 200                                                                 |
| Conventional | Soy 50T - Granule 450                                                             | Soy 50T - Granule 250                                                              | Soy 50T - Flake 350                                                                 | Soy 50T - Flake 250                                                                 |

\*Dry basis

## PRODUCT DETAILS

BAGS: 25lbs / 11.34kg

CARMEL COLORING  
CLASS 1 & 3 AVAILABLE

VITAMIN & MINERAL  
FORTIFICATION AVAILABLE

KOSHER<sup>†</sup>

HALAL



# Soy Protein Concentrates

~70% PROTEIN\*

|              | Very Fine                                                                         | Fine                                                                               | Semi-Coarse                                                                         | Coarse                                                                              |
|--------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|              | Mesh<br>#200                                                                      | Mesh<br>#120                                                                       | Mesh<br>#80                                                                         | Mesh<br>#60                                                                         |
|              |  |  |  |  |
| Non-GMO      | Soy 70N-V                                                                         | Soy 70N                                                                            | Soy 70N-I                                                                           | Soy 70N-C                                                                           |
| Conventional | Soy 70N-V50                                                                       | Soy 70N-50                                                                         |                                                                                     | Soy 70N-C50                                                                         |

\*Dry basis

## PRODUCT DETAILS

BAGS:  
50lbs / 22.68kg  
20kg  
25kg

SUPERSACK:  
2,000lbs  
1,000kg

BULK

KOSHER

HALAL



# Functional Soy Protein Concentrates

~70% PROTEIN\*

Gelling

Extra Gelling



Non-GMO

Soy 70F-G

Soy 70F-GXL

\*Dry basis

## PRODUCT DETAILS

BAGS: 20KG

KOSHER

HALAL



# Soy Protein Isolates

~90% PROTEIN\*

|         | Nutritional                                                                       | Soluble                                                                           | Dispersible                                                                         | Extra Dispersible                                                                   | Gelling                                                                             | Extra Gelling                                                                       |
|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         |  |  |  |  |  |  |
| Non-GMO | Soy 90N                                                                           | Soy 90S                                                                           | Soy 90F-D                                                                           | Soy 90F-DX                                                                          | Soy 90F-G                                                                           | Soy 90F-GX                                                                          |

\*Dry basis

## PRODUCT DETAILS

BAGS: 20kg

KOSHER

HALAL



# Operational Footprint

Two soy protein concentrate facilities and three warehouses in the U.S.



| Products <sup>*†</sup>   |          |            | Attributes |     |                       |
|--------------------------|----------|------------|------------|-----|-----------------------|
| Soy Protein Concentrates |          | Soy Flours | Sourcing   |     | Environment           |
| Powdered                 | Textured | Textured   | NGM        | GMO | Low CO <sub>2</sub> e |
| ●                        | ●        | ●          | ●          | ●   | ●                     |
| ●                        | ●        |            |            | ●   | ●                     |

○ Warehousing  
(Europe warehouse in Brenda, Netherlands)



<sup>\*</sup>Soy protein concentrates and soy flours are produced in the United States.  
<sup>†</sup>Soy protein isolates are produced in China.

# Operational Footprint – Morristown

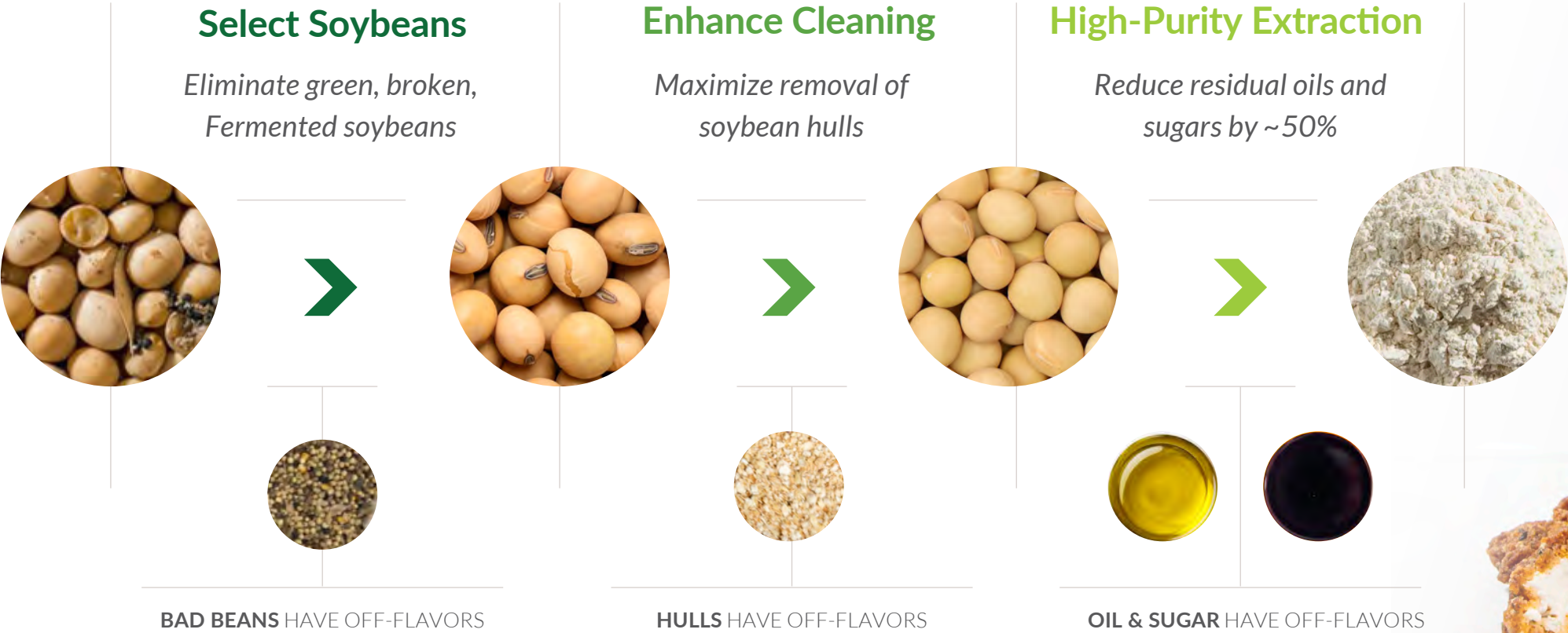
America's newest soy protein production facility in 50 years



# Elevate Deliciousness – Morristown

Morristown produces ultra-clean tasting protein

## Creating ultra-Clean tasting protein at Morristown



# Reduce Your CO<sub>2</sub>e Footprint – Morristown

Soy proteins from Morristown have a low CO<sub>2</sub>e footprint

## Our pathways to create low CO<sub>2</sub>e soy protein

### Soybeans

FROM REGENERATIVE AGRICULTURE



- Minimum Tillage
- Cover Crops
- Nutrient Management
- Crop Rotation

### Production

THAT'S ENERGY EFFICIENT



- Optimized Energy Use
- Proprietary Processes
- Advanced Productivity
- CO<sub>2</sub>e Neutral Electricity Option

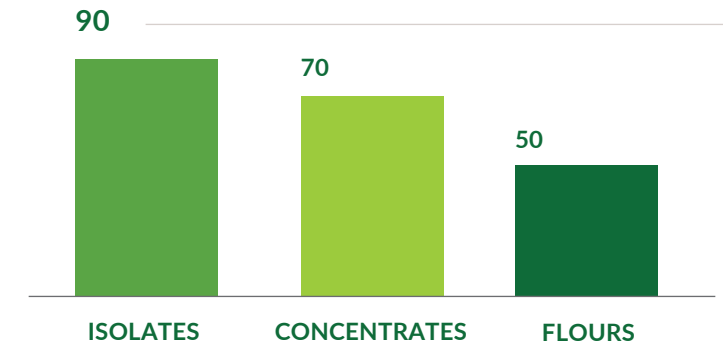
# Maximize Protein Claims

Soy proteins is nutritionally advanced



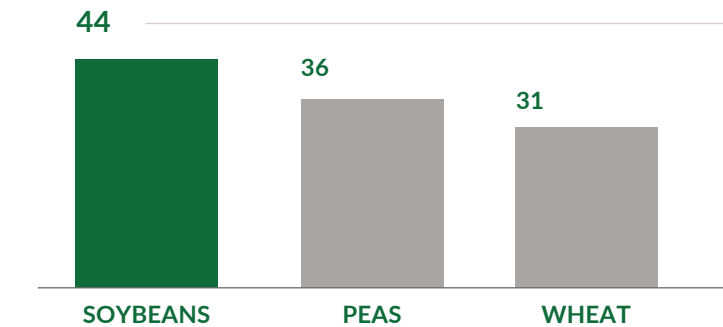
## Protein Content

Soy proteins range in protein content from 50% to 90% dry weight (USDA).



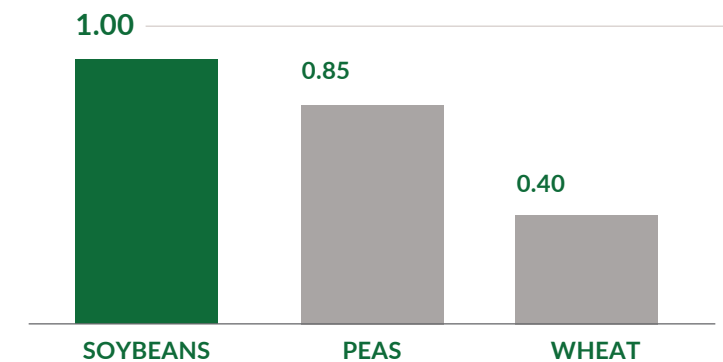
## Essential Amino Acids

Soy has the highest content and the most complete profile of essential amino acids among the common plant proteins (USDA).



## Protein Digestibility

Soy has the highest PDCAAS among the most common plant proteins.



# R&D Capabilities

Expertise and technologies accelerate new product development

## Bench Top



CONCEPTS



BENCH SCALE



CULINARY KITCHEN

## Sensory & Analytics



SENSORY TESTING



FUNCTIONAL ANALYSIS



ANALYTICAL TESTING

## Extrusion Lines



SHORT BARREL SINGLE



DRY EXTRUSION



WET EXTRUSION

## Pilot Plants



MEAT & ALT MEAT



BEVERAGE



BAKERY

## BENCH TOP

Concepts, mixing, forming, grilling, frying stove top

## SENSORY & ANALYTICS

Digital, trained/consumer tests, full scale analytics

## PILOT PLANTS

Meat, dairy, beverage, bakery, snack; dry & wet extruders



# Application Opportunities

Our powdered and textured proteins help you create delicious, nutritious, and sustainable foods, beverages, nutritional products, and supplements across a range of key market segments.

## Meat



- Burgers
- Sausages
- Nuggets
- Whole Muscle
- Meat Loaf
- Emulsified

## Meat Snacks



- Sticks
- Jerky
- Bites

## Plant-Based Meat



- Grounds
- Whole Muscle
- Emulsified
- Snacks

## Bakery



- Waffles
- Pancakes
- Muffins
- Pizza Crust
- Breads

## Snacks



- Textured Puffs
- Tortilla Chips
- Crackers
- Cookies
- Sweet Biscuits
- Sports Bars
- Granola Bars

## Beverages



- Ready-to-drink
- Ready-to-mix
- Coffee-based



PurePro®

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