



More *fruits*, more *forms*,  
more *possibilities*.™

Three white ceramic bowls are arranged around a central green rectangular area. The top-left bowl contains a yellow powder, the bottom-left bowl contains a red powder, and the bottom-right bowl contains a brown powder. The green area has a faint, repeating pattern of leaves.

# Clean Label Solutions for Plant-based Applications

## *Frutectant*™

Blended Fruit Flake Powder - Ideal  
for Plant-based Food Applications

**100% Fruit Powder • Natural Multifunctional Ingredient**

*(Previously Known as JLS)*

### BENEFITS / FEATURES:

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- All-natural ingredient. Neutral flavored and colored fruits: pears, apples, and plums that add vitamins, fiber, and phytochemicals.
- Shelf-stable in a variety of applications. Frutectant™ extends shelf life of full fat or reduced fat products.
- Naturally enhances flavors. Allows you to offer great tasting, healthy products with fewer fat and calories.
- Multifunctional prepackaged system that can be used to replace fat and provide humectancy, bulking, and moisture control.
- A great low-cost option. Frutectant™ costs about the same to use as most fats, such as vegetable shortening or oil.

### APPLICATIONS:

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- Plant-based meat alternatives
- Plant-based gluten free baked goods

Fructant™ is prepared from sound pears, apples, and plums, which have been pureed, finished, drum dried and milled to the proper screen specifications. Fruits are inspected throughout the process insuring a clean, wholesome product that is in complete compliance with good manufacturing practices and the provisions of the Federal Food, Drug and Cosmetic Act.



**Apple, pear or plum can be blended with characterizing fruit to lower ingredient costs.**

**SPECIFICATIONS:**

**Granulation:** 35 Mesh. Through USS #35 practically 100%

**Moisture:** 3.5% Maximum

**pH:** 4.0

**Color:** light tan

**Flavor:** Slightly fruity notes with no musty, decayed or other off-flavors.

**Preservatives/ Additives:** Calcium Stearate– 0.5% w/w maximum may be added to prevent caking.

**Packaging:** 4 mil high density poly bag in corrugated fiber box.

**Storage:** Preferably below 45°F at less than 50% relative humidity in a well-ventilated area with no strong odors. Refrigerated storage is recommended. Close bag tightly after each use.

**Kosher Designation:** Circle U — Pareve

**Net Weight:** 40 lb

**Gross Weight:** 43 lb

**NUTRITIONAL INFORMATION:**

Calories 394.87

Moisture (g) 3.5 (maximum)

Total Solids (g) 96.5 (maximum)

Protein (g) 2.4

Fat (g) 2.11

Carbohydrate (g) 91.48

Total Fiber (g) 16.79

Insoluble Fiber (g) 5.54

Soluble Fiber (g) 11.25

Ash (g) 2.11

**MINERALS**

Calcium (mg) 55

Iron (mg) 5.1

Sodium (mg) 18

Potassium (mg) 998

Magnesium (mg) 39.22

**VITAMINS**

Vitamin C ND

Nutrient Composition: per 100 grams  
**PROXIMATE Component**

**CARBOHYDRATE ANALYSIS**

Sucrose (g) 9.0

Fructose (g) 37.5

Glucose (g) 19.2

Sorbitol (g) 9.0

**ORGANIC ACIDS**

Malic (g) 1.3

Citric (g) 0.34

**MICROBIOLOGICAL SPECS:**

Standard Plate Count 3,000/gram max

Yeast and Mold 300/gram maximum

Total Coliform Count less than 10 gram

E. Coli less than 10 gram

Staphylococcus less than 10 gram coag.pos.

Salmonella negative/25 gram



For a complete list of all of our fruits, in all of their forms and endless possibilities, visit [treetoppingredients.com](http://treetoppingredients.com)

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