

## Whole Grain 9 Blend

Product Code: BL1209

HS Code: 19042000

### Description

InfraReady's 9 Grain Blend is prepared from high quality ingredients that have been processed using infra-red technology. Our precooking technology gelatinizes the starches within the grains, increasing their ability to absorb and retain moisture. Increased water retention slows the loss of moisture from the crumb structure helping decrease the rate at which products go stale allowing the products to stay fresher, longer. The distinct colour and flavour of the 9 Grain Blend is unique to InfraReady and will enhance any bread or bakery formulation.

### Benefits

- Certified Halal
- High water absorption and soft texture
- Shelf stable
- Certified Kosher (COR 225)
- Natural – no additives or preservatives
- Consistent quality and performance
- Pleasant aroma and flavour

### Ingredient Listing

Brown Flax (Canadian Origin), Precooked AnthoGrain™ Wheat Flakes (Canadian Origin), Precooked Triticale Flakes (Canadian Origin), Precooked Rye Flakes (Canadian Origin), Precooked Barley Flakes (Canadian Origin), White Sesame Seed (Indian Origin), Precooked Spelt Meal (Canadian Origin), Organic Quinoa (Bolivian/Peruvian Origin), Hulled Millet (U.S.A. Origin)

### Labeling

Product lot number is assigned on the date of manufacture according to the Julian calendar. For example: Lot# 36515 = December 31, 2015.

Allergen Labeling: This product contains gluten and sesame and may contain soy and/or mustard as these ingredients are processed in the same facility.

### Packaging

Packaged in 25 kg polypropylene bags. Alternate bag sizes can be implemented at client request.

### Storage

Products should be kept in a clean, cool and dry storage area. Under appropriate cool storage conditions (<18°C), the product will maintain a shelf life of one year. Product shelf life may be extended to 18 months if kept in cold storage (<4°C). Avoid exposure to extreme temperature variations. In tropical climates (>25°C), products must be stored in temperatures ranging from 1-6 °C to prevent insect infestation and ensure shelf life. Do not store near perfumed products, soaps, detergents, cleaning solutions, or any other such chemicals.

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### Preparation

InfraReady's multigrain blends can be included into any bread recipe as an ingredient or as a topping. InfraReady's multigrain blends should be added to a recipe at a level not exceeding 20% of the flour weight.

### Chemical and Physical Properties

Moisture..... 12.0 % max

Density..... 575 – 675 g/L

Appearance ..... Multicoloured blend  
of seeds and flakes

Odour..... Fresh

### Typical Nutritional Data

Based on 100g of material

**Protein (g): ..... 14.19**  
**Moisture (g): ..... 9.75**  
**Ash (g):..... 2.41**  
**Total Carbohydrates (g):..... 58.50**  
 Dietary Fibre (g):..... 18.5  
 Total Sugars (g):..... 0.85  
 Total Calories (kcal): ..... 409

### Granulation (US Standard Screens)

On # 8..... 45.0 – 65.0 %  
 On # 12..... 25.0 – 45.0%  
 Pan ..... 15.0 % max

**Total Fat (g): ..... 15.66**  
 Saturated Fat (g): ..... 1.60  
 Trans-Fatty Acid (g):..... 0

### Microbiological Specifications

ACC.....500,000 CFU/g max  
 Yeast and Mold..... 1000 CFU/g max  
 Coliforms ..... 100 CFU/g max  
 E. coli..... Negative

Cholesterol (mg):..... 0  
 Sodium (mg):..... 13  
 Vitamin A (I.U.):..... 8  
 Vitamin C (mg): ..... 0.18  
 Calcium (mg):..... 121  
 Iron (mg):..... 3.80

ACC = Aerobic Colony Count

### Heavy Metal Specifications

Arsenic (As) ..... 1 mg/kg  
 Lead (Pb)..... 2 mg/kg  
 Mercury (Hg)..... 0.05 mg/kg  
 Cadmium (Cd) ..... 1 mg/kg  
 Antimony..... 1 mg/kg

\* Nutritional data is compiled with information from the USDA National Nutrient Database for Standard Reference. The product information contained herein is correct to the best of our knowledge and represents averages. Microbiological testing is available upon request. \*