

## Organic Barley Grass Powder



### What is Organic barley grass juice powder?

**Organic Barley Grass Powder** is meticulously crafted from 100% pure, young organic barley grass leaves, harvested at their nutritional peak before the grain develops. The leaves are thoroughly cleaned, gently dried (often via methods like air-drying or freeze-drying to preserve nutrient integrity), and then finely milled into a versatile powder. This careful processing ensures the preservation of barley grass's vibrant green color, mild earthy flavor, and comprehensive nutritional profile.

We also offer **Organic Barley Grass Juice Powder**, which is produced by pressing fresh barley grass, then carefully drying the pure juice. This process removes much of the insoluble fiber, concentrating the vitamins, minerals, enzymes, and chlorophyll into a highly soluble and potent form. Both forms of our organic barley grass provide an excellent way to incorporate the benefits of this foundational green into your product lines, appealing to consumers seeking foundational green nutrition and natural vitality.

### Specifications

Attribute	Organic Barley Grass Powder	Organic Barley Grass Juice Powder
Latin Name	<i>Hordeum vulgare</i>	<i>Hordeum vulgare</i>
Source	100% Organic Barley Grass Leaves	100% Organic Barley Grass Juice
Processing	Gently dried and finely milled	Fresh juice extracted, low-temperature dried (e.g., spray-dried, freeze-dried)
Appearance	Fine, dark green powder	Fine, bright green, uniform powder
Flavor	Mild, fresh, earthy, characteristic grass flavor	Concentrated, subtly sweet, fresh grass flavor
Texture	Fine powder, slightly fibrous	Fine, highly soluble powder
Key Nutrients	Vitamin K, Vitamin C, Beta-Carotene (Vitamin A), Folate, Calcium, Iron, Magnesium, Chlorophyll, Fiber, Superoxide Dismutase (SOD), Enzymes.	Chlorophyll (higher concentration), Enzymes (incl. SOD), Vitamin K, Vitamin C, Beta-Carotene, Folate, Iron, Calcium.
Chlorophyll Content	Naturally high	Higher concentration due to fiber removal
Solubility	Low to moderate	High
Moisture Content	Max 8%	Max 6%
Bulk Density	0.25-0.45 g/cm <sup>3</sup>	0.35-0.55 g/cm <sup>3</sup>

#### We also supply:

- **Custom Blends:** Mixed with wheatgrass, spirulina, or chlorella.
- **Animal Feed Grade:** Higher fiber ( $\geq 35\%$ ) for livestock/pet nutrition (powder only).

## Key Features

- **Exceptional Nutrient Density:** Both forms are rich in essential **Vitamins** (K, A, C, Folate) and **Minerals** (Calcium, Iron, Magnesium, Potassium), providing foundational nutrition.
- **Abundant Chlorophyll:** Known as “nature’s green pigment,” chlorophyll supports natural detoxification, energy production, and overall vitality. The juice powder typically offers a higher concentration.
- **Enzyme Powerhouse:** Particularly rich in beneficial enzymes, including **Superoxide Dismutase (SOD)**, a powerful antioxidant enzyme that helps protect cells from damage. The juice powder retains a higher active enzyme content.
- **Supports Digestive Health:** The whole grass powder provides **dietary fiber**, while both forms contribute to overall gut well-being.
- **Alkalizing Properties:** Helps to balance the body’s pH levels, supporting an optimal internal environment.
- **Natural Green Colorant:** Imparts a vibrant, natural green hue, useful for enhancing the visual appeal of various products without artificial additives.
- **Organic & Clean Label:** Derived from certified organic barley grass, ensuring products free from synthetic pesticides, herbicides, and GMOs, supporting clean label initiatives.
- **Versatile Functionality:** Adaptable for a wide range of B2B product developments in diverse industries.

## Applications

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Our **Organic Barley Grass Powder** and **Organic Barley Grass Juice Powder** are valuable ingredients for a multitude of industries:

- **Nutraceuticals & Dietary Supplements:**
  - **Both forms:** Incorporated into green superfood blends, multivitamin/mineral formulas, and daily wellness supplements.
  - **Powder:** Used in capsules, tablets (as a raw material), or powdered functional mixes for detox and general nutrition.
  - **Juice Powder:** Ideal for dissolvable drink sticks, effervescent tablets, and concentrated liquid supplements where high nutrient density and rapid dissolution are key.
- **Functional Foods & Beverages:**
  - **Organic Barley Grass Powder:** Excellent for smoothie mixes, functional beverages, protein powders, energy bars, healthy snack formulations, and as a natural green colorant in baked goods

or savory mixes.

- **Organic Barley Grass Juice Powder:** Perfect for instant green drink mixes, functional beverages, nutrient-fortified juices, and other liquid applications requiring superior solubility and a concentrated nutrient boost.
- **Sports Nutrition:**
  - Ingredient in recovery drinks, protein blends, and pre-workout formulas for nutrient replenishment, alkalinity, and overall vitality.
- **Pet Food & Animal Nutrition:**
  - As a natural supplement to boost pet health and provide essential vitamins and minerals in functional animal feeds.

## Why Choose Our Organic Barley Grass Products for Your Business?

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Partnering with us for your **Organic Barley Grass Powder** and **Organic Barley Grass Juice Powder** needs ensures a premium, high-demand ingredient that aligns with health-conscious consumer preferences:

- **Guaranteed Organic Certification:** Our products adhere to stringent organic standards, vital for your clean-label and premium product lines.
- **Superior Nutrient Retention:** We utilize gentle processing methods that preserve the maximum concentration of active vitamins, minerals, chlorophyll, and enzymes, delivering high-efficacy ingredients.
- **Tailored Product Options:** Providing both whole grass powder and pure juice powder allows you to choose the ideal ingredient for your specific formulation requirements, whether it's for fiber content, ultimate solubility, or distinct nutrient profiles.
- **Consistent Quality & Purity:** From sourcing to processing, we maintain strict quality control and testing protocols, providing you with a reliable, pure, and safe product batch after batch.
- **Robust & Scalable Supply Chain:** As a dedicated B2B supplier, we offer dependable sourcing and the capacity to meet your production demands, from small to bulk orders, efficiently and consistently.
- **Comprehensive Technical Support:** Our team can provide detailed data sheets, Certificates of Analysis (CoAs), and expert guidance to support your product development, labeling, and regulatory

compliance needs.

## FAQs

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### **Q: What is the primary difference in nutrient profile and application between Organic Barley Grass Powder and Organic Barley Grass Juice Powder?**

A: **Organic Barley Grass Powder** is the whole, dried, and milled grass, retaining all its fiber and a broad spectrum of nutrients. It's ideal for applications needing bulk or insoluble fiber. **Organic Barley Grass Juice Powder** has most of the insoluble fiber removed, resulting in a higher concentration of vitamins, minerals, enzymes (like SOD), and chlorophyll per serving, making it more soluble and potent for liquid formulations.

### **Q: Are your Organic Barley Grass products suitable for vegan and gluten-free products?**

A: Yes, both our **Organic Barley Grass Powder** and **Organic Barley Grass Juice Powder** are made from 100% organic barley grass, harvested before the grain forms. This means they are inherently **vegan** and **gluten-free**. They contain no animal products or common allergens.

### **Q: What is the typical shelf life and recommended storage for bulk quantities?**

A: Both our **Organic Barley Grass Powder** and **Organic Barley Grass Juice Powder** typically have a shelf life of **24 months** from the manufacturing date when stored in a cool, dry place, away from direct sunlight and moisture, in their original sealed, airtight packaging. Specific bulk storage recommendations will be provided with your order documentation.

### **Q: Do these powders require any special handling during formulation?**

A: Due to their natural composition and hygroscopic nature, it's recommended to handle both powders in a low-humidity environment and store them in airtight containers to prevent caking and maintain quality.

### **Q: Do your Organic Barley Grass products undergo testing for heavy metals and contaminants?**

A: Absolutely. We conduct rigorous third-party testing for heavy metals, microbials, pesticides, and other contaminants to ensure our **Organic Barley Grass Powder** and **Organic Barley Grass Juice Powder** meet strict international food safety standards and regulations. Certificates of Analysis are available upon request.

## Packing

