

<b>Product</b>	<b>Organic Barleygrass Powder (EU)</b>
<b>Deutsch</b>	BIO Gerstengraspulver (EU)
<b>Nederlands</b>	Biologisch Gerstegras poeder (EU)
<b>Latin</b>	Hordeum Vulgare
<b>Country of Origin</b>	Europe
<b>Article Number / Artikelnummer</b>	90056
<b>Issue date / Ausgabedatum</b>	07-03-2019
<b>Reference Code / Referenznummer</b>	20190514
<b>Control Body Number</b>	NL-BIO-01

#### BRIEF DESCRIPTION

Considered to be the first cereal grain cultivated by humans, the uses of barley date back to 7000 BC. Our Barley Grass is organically grown on the fertile plains by the European farmers. Barley Grass is harvested whilst the plant is still young at its nutritional peak. It is then processed at one of the largest, highly innovative, and most efficient dehydration plants in Europe. The final processing step involves milling barely grass into a fine powder form. It takes 5kg of fresh leaves to produce 1kg of powder.

#### INGREDIENTS

100% Organic Barley Grass

#### SUGGESTED USE

3-5g per day. Please consult your doctor before taking any nutrient-dense products.

#### PRODUCTION PROCESS

Harvesting young barley grass → cutting → pre-drying → dehydrating → separating → milling → sieving → packaging

#### PACKAGING

20kg poly inner liner multilayer kraft paper bag.

#### SHELF LIFE & STORAGE

3 years from manufacture date. Store in a cool, dry place.

**NUTRITIONAL INFORMATION**

**Nutritional Value**

	<b>Per 100g</b>	<b>Unit</b>
Energy	1305/310	kJ/kcal
Fat	1.1	g
- of which saturates	0.2	g
- of which mono-unsaturates	0.0	g
- of which polyunsaturates	0.8	g
Carbohydrate	48.5	g
- of which sugars	10.6	g
Fibre	24.0	g
Protein	14.6	g
Salt	0.5	g
Vitamin C	120.0	mg
Calcium	498.0	mg
Magnesium	154.0	mg
Iron	17.1	mg
Zinc	1.6	mg

## APPROVED HEALTH BENEFITS

Micronutrients in Organic Barley Grass Powder (EU) contribute to:

✓	normal function of blood vessels	✓	normal energy-yielding metabolism
✓	normal function of bones	✓	maintenance of normal vision
✓	normal function of cartilage	✓	normal psychological function
✓	normal function of gums	✓	normal function of the immune system
✓	normal function of skin	✓	protection of cells from oxidative stress
✓	normal function of teeth	✓	reduction of tiredness and fatigue
✓	increases iron absorption	✓	regeneration of the reduced form of vitamin E
✓	normal blood clotting	✓	normal energy-yielding metabolism
✓	normal muscle function	✓	normal neurotransmission
✓	normal function of digestive enzymes	✓	process of cell division and specialisation
✓	maintenance of normal teeth	✓	reduce the loss of bone mineral in post-menopausal women
✓	normal growth and development of bone in children	✓	normal protein synthesis process of cell division
✓	electrolyte balance	✓	formation of red blood cells and haemoglobin
✓	normal oxygen transport in the body	✓	normal cognitive development of children
✓	normal DNA synthesis	✓	normal carbohydrate metabolism
✓	normal acid-base metabolism	✓	normal macronutrient metabolism
✓	normal fertility and reproduction	✓	normal metabolism of vitamin A
✓	normal metabolism of fatty acids	✓	maintenance of normal nails
✓	maintenance of normal hair	✓	normal testosterone levels in the blood

*These approved health benefits are based on the detailed nutritional composition of the product we supply. These health benefits may not be applicable to similar products from other suppliers.*

## ALLERGEN STATEMENT

We hereby certify that Barley grass powder sold by Go Superfoods Ltd does not contain any substances causing allergies or intolerances as ingredients. However, there is a remote possibility of cross contamination by gluten (please see explanation below). The list of allergens which are likely to cause adverse reactions in susceptible individuals is provided in Annex II of Regulation (EU) No 1169/2011. Please note that this statement is based on the information provided by the manufacturer of the product.

While wheatgrass and barley grass in their pure forms are considered gluten-free, it matters how they're harvested and how products containing them are produced. Gluten is contained in the seed of the wheat and barley grasses. Therefore, if a farmer allows some of the grasses to begin producing seeds prior to harvest, then that particular crop will contain gluten or have gluten exposure. While our grass powders are from quality, respected sources, and we do not believe they are harvested with any seeds, we recommend that anyone with celiac's disease or gluten-free diet issues avoid any product containing wheat or barley grass that's not specifically tested to be gluten-free.

#### **AUTHENTICITY**

Organic Barley Grass Powder (EU) is 100% natural and does not contain any additives such as sugars, acids, colorants, preservatives, etc.

#### **GMO FREE**

Organic Barley Grass Powder (EU) is not subject to genetic modifications. Process controls are in place to ensure no accidental contamination with genetically modified materials, or materials derived thereafter, can occur. We hereby certify that the product is not subject to labeling under EU Regulations 1829/2003/EC and 1830/2003/EC on genetically modified food and feed.

#### **PESTICIDES**

Organic Barley Grass Powder (EU) complies with the requirements outlined in Council Regulation (EC) No. 834/2007 (and consecutive amendments). It also complies with Soil Association strict organic farming standards. During the manufacturing process the product and the packaging materials are not exposed to pesticides or pesticide residues. Pesticides are not stored on site, nor used in the manufacturing or warehousing areas.

#### **IRRADIATION**

The product has not been irradiated and complies with the EU regulation 1999/3/EC.

#### **BSE STATEMENT**

Organic Barley Grass Powder (EU) is produced exclusively from plant source, and does not contain any components from animal origin. It has not been derived from any animal source, and has not come into contact with any components of animal origin.

#### **RESIDUAL SOLVENTS**

No residual solvents are used in the manufacturing process.

#### **LEVEL OF UNDESIRABLE SUBSTANCES**

The strictly controlled production process of Organic Barley Grass Powder (EU) ensures that the undesirable substances levels (heavy metals, PAH, mycotoxins, etc.) are below the limits identified by EU legislation (Commission regulation No 2073/2005, No 1881/2006 and consecutive amendments), including the recommendations provided by EFSA on food contaminants.

#### **ANIMAL TESTING STATEMENT**

Vehgro BV confirms that we do not conduct or commission animal testing of any products.