BARLEY GRASS



Barley

Barley (Hordeum vulgare) is grown primarily for its cereal grain, but the grass portion of the plant provides a rich source of minerals and choline. Eating barley and other whole grains improves your food quality score (FQS).



Phytoactives

Flavonol

Phytoactive compound with anti-inflammatory, antimicrobial, and anti-cancer activities

Lutonarin² Saponarin²

Flavones

Phytoactive compounds with anti-inflammatory, anti-microbial, and anti-cancer activity

Cynaroside³ Isoorientin³ Isovitexin³ Luteolin³ Luteolin-3-7di-glucoside³ Orientin³ Vitexin³

Chlorophyll Green niament i

Green pigment in plants with potential anti-inflammatory, antioxidant, and anti-bacterial activity

Phenolic Acids

Phytoactive compounds that promote antioxidant activity and promote vascular health

Chlorogenic Acid³ Ferulic Acid³

Fiber

Promote healthy cholesterol levels, promote cardiovascular health, support healthy bowel function

Arabinoxylan⁴

What is the Whole Food Matrix?



Benefits of nutrients food matrix

enhances bioavailability by up to 60%

Organic and adaptive regenerative farming techniques delivers nutrient dense source of key

Increased intake of vegetables and fruits in whole food nutrition influences individual epigenetic expression of our health potential.

phytonutrients and helps balance healthy lifestyles.



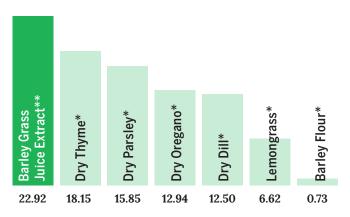
Gallic Acid Equivalence

What is GAE?

GAE, or "gallic acid equivalence," indicates levels of important phytoactives available in the plant and extracts. GAE is derived by comparing to the gallic acid reference standard, a simple phenolic substance. Studies have shown that phytoactives in plants contribute to their beneficial effect on development of chronic diseases.

Total Phenolic Concentration

Measured: Total Phenolics as Gallic Acid Equivalence (mg/g)



 $[\]star$ Data is mean values from Phenol-Explorer Database¹

Values subject to change based on strain and experimental methods

Key Nutrients

Percentages shown as %DV per 5g of barley grass extract

Riboflavin

Water-soluble vitamin vital for energy production, cell function, metabolism, and growth/ development.



Biotin

B vitamin necessary for energy metabolism, histone modification, gene regulation, and cell signaling.



Iron

Used by the body to make red blood cells, hormones, and connective tissue.



Potassium

supporting healthy blood pressur



Manganese

Essential mineral incorporated in enzymes that metabolize macronutrients; helps protect mitochondria from oxidation and forms both collagen and cartilage.



Other Nutrients

(in order of %DV per 5g barley grass extract)

Magnesium Pantothenic acid (Vitamin B5) Calcium Choline

Folate (Vitamin B9) Protein Zinc Copper Fiber Vitamin B6 (Pyridoxal

Thiamin (Vitamin B1) 5'-phosphate)

Phosphorus Lipids Selenium

Carbohydrate

Niacin (Vitamin B3)



We are dedicated to advancing the latest insights and information available in nutrition therapy and clinical nutrition and to presenting only the most balanced, credible, and reliable clinical nutrition and science available.

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^{**} Data on file with Wholistic Matters