Alfalfa

The alfalfa plant (Medicago sativa Linn.) is grown for its unique blend of protein, B vitamins, and minerals. It is a perennial flowering legume widely grown across the world. The sprouts and whole plant material can be used to deliver essential nutrients and phytoactive compounds.

Phytoactives

**Flavones**
- Promote antioxidant, anticancer, antimicrobial, and anti-inflammatory activity
  - Adenosine
  - Apigenin
  - Luteolin

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

**Saponins**
- Support the immune system and promote healthy cholesterol and blood glucose levels
  - Bayogenin
  - Fumonosin
  - Hederagenin
  - Medicagenic Acid
  - Soyasaponogenol A
  - Soyasaponogenol B
  - Soyasaponogenol E
  - Soyasapogenol I
  - Zinc Acid

**Flavonoids**
- Promote antioxidant activity and promote vascular health
  - Quercetin (17 mcg/g)*

**Carotenoids**
- Antioxidants with anti-cancer potential and may lower risk of macular degeneration
  - Beta Carotene (0.87 mg/g)*
  - Beta Cryptoxanthin (0.06 mg/g)*

**What is the Whole Food Matrix?**

Supports balance immune modulation for healthy inflammation response.

Benefits of nutrient food matrix enhances bioavailability by up to 60%.

Organic and adaptive regenerative farming techniques delivers nutrient dense cause of key phytonutrients and helps balance healthy lifestyles.

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


References

Key Nutrients

Percentages shown as %DV per 5g of alfalfa juice extract

- Manganese
- Biotin
- Riboflavin
- Copper
- Pantothentic Acid

Other Nutrients

Water-soluble vitamins important for energy metabolism, enzyme activation, signal transduction, and biosynthesis of fats and cholesterol.

- Magnesium
- Zinc
- Potassium
- Iron

Other Nutrients (in order of %DV per 5g alfalfa juice extract)

- Magnesium
- Calcium
- Iron
- Thiamin (Vitamin B1)
- Vitamin B6 (Pyridoxal 5'-phosphate)
- Protein
- Niacin (Vitamin B3)

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