

Mung Bean Extract

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Plant Story



Phaseolus radiatus, also known as mung bean or green gram, is a plant native to India. It is short-season, summer-growing plant that is widely cultivated in most of Asian countries and commonly used in various cuisines. Mung bean is recently moved from the genus *Phaseolus* to *Vigna*. It is taxonomically classified as *Vigna radiate* but still cited as *P. radiatus* or another synonym, *P. aureus*.

Plant Story



Mung bean has been consumed as a food in Asia for thousands of years, and is well-known for detoxification activities. The seeds and sprouts are widely used as a vegetable or common food as a good source of nutrients including carbohydrates, proteins, vitamins, and minerals. It is composed of more than 20% of protein. Mung bean also contains significant amounts of bioactive phytochemicals such as flavonoids, phenolic acids and saponins. It was reported that the nutritional value and the pharmacological activities were improved during the sprouting or germinating process by formation and accumulation of many active substances. Mung beans are known to have many beneficial effects including anti-oxidant, anti-microbial, anti-inflammatory, anti-diabetic, anti-hypertensive, and anti-tumor activities due to its biological compounds.

Product Information

- ❖ **Product Name:** Mung Bean Extract-GNS
- ❖ **INCI Name:** Phaseolus Radiatus Seed Extract
- ❖ **Dosage:** 1 – 3%
- ❖ **Formulation:** Add to the formulation when the temperature is lower than 55°C.
Recommended to add after the cooling process.
- ❖ **Storage:** Avoid direct light or UV.
Keep it in a dry area at room temperature.

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