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## Non-GMO soybeans 非基改大豆



### Ingredients: Non-GMO Soybeans

Usage: soy milk, tofu, bean curd, tofu skin... and other soy products

Storage method: room temperature, store in a cool and dry place

feature of product:

- (1) Provide high-quality plant-based protein
- (2) Soybeans contain the "essential amino acids" needed by the human body, and compared with most animal proteins, soy products have lower saturated fat content



- (3) Soybean food contains polyunsaturated fat (omega-3), and soy protein can reduce the amount of low-density lipoprotein cholesterol (bad cholesterol) in the blood, and can reduce the risk of cardiovascular disease
- (4) Isoflavones, also known as phytoestrogens, have similar effects to estrogen
- (5) Soy foods are high in fiber using processed whole beans (such as tempeh, soy flour, and textured soy protein). About 30% of the fiber in soybean food is soluble fiber, which can help digestion and make you feel full after eating
- (6) High-quality protein in soybean food is also important for bone health and is a good source of calcium



## Product Description 商品簡介



**成分：**非基因改造大豆

**用途：**豆漿、豆腐、豆花、豆腐皮..等豆類製品

**保存方法：**常溫、存放於陰涼乾燥處

**產品特色：**

- (1) 提供優質的植物性蛋白
- (2) 黃豆含有人體所需的「必需胺基酸」，且與大部分動物性蛋白質相比，黃豆製品飽和脂肪含量較低。
- (3) 黃豆食品含有多元不飽和脂肪 ( $\omega$ -3)，且大豆蛋白可以降低血中低密度脂蛋白膽固醇量 (壞膽固醇)，能夠減少心血管疾病風險。
- (4) 大豆異黃酮又稱為植物雌激素，兼具與雌激素相似功效。



- (5) 大豆食品利用整個豆類加工之纖維含量高(如豆豉，大豆粉和組織化大豆蛋白)。大豆食品中約有 30%的纖維是可溶性纖維，食用後有幫助消化的效果，且有飽足感。
- (6) 大豆食品中的優質蛋白質對骨骼健康也很重要，是鈣的良好來源。

## Current development status of soybeans in Brazil

Soybean production is the main driving force for improving Brazil's agricultural productivity. In the past 33 years, due to technological innovations in the fields of soil management (no soil preparation and labor-saving cultivation), genetic improvement, plant nutrition, plant protection and mechanized cultivation, the increase in Brazil's agricultural productivity which was leading the world, the annual growth rate of is nearly 3.7% and now is still increasing, and the improvement of tropical soybean varieties has greatly expanded its cultivation range.



### 產地巴西大豆發展現況

大豆生產係提升巴西農業生產力 的主要動力，在過去 33 年來，因土壤管理 (不整地省工栽培)、遺傳改良、植物 營養、植物保護與機械化栽培等領域上 的技術創新，巴西農業生產力的漲幅領 先全球，每年將近成長 3.7%的趨勢往上 提昇，其中熱帶型大豆的品種改良大幅 擴大其栽培範圍。



## Product Specification as below

### 產品相關規格如下

#### Type 1:

#### SPECIFICATIONS



#### TECHNICAL SPECIFICATIONS SOYBEAN NON GMO GRADE 1

- Origin: Brazil
- Particle size: 80-120 meshes
- Type: fit for human consumption
- GMO or non-GMO: 100% non-GMO
- Insect and mold free
- Style: drying
- Drying process: AD
- Shelf life: 2 years
- Size: 6-9mm UP
- Color: yellow
- Protein: 40% min
- Foreign matters: 2% max
- Splits: 20% max
- Heat damage: 0.5% max
- Total damage: 3% max
- Oil: 21,3% base, 18,50% min
- Fumigation: included
- Grease: max. 2.5%
- Moisture: 12.5% max
- Fiber: max. 4,5%
- Urea activity: 0.02 to 0.20 MGNG min at 30 degrees by EEC methods
- Reciprocal subsidies: 1:1
- KOH: min.78%
- Aflatoxin: Max 0,5 PPB
- Sand/silica: max.1,5%
- Arsenic compound: min. 1 ppm
- Mercuric compound: not found, zero
- Phosphorus: maximum 0.05 PPM
- Cyanide: maximum 5 PPM
- Malathion: maximum 3 PPM parts per million
- Ethylene Debromide EDB: less than 10 PPB



## Type 2:

<b>SPECIFICATIONS</b>	<ul style="list-style-type: none"><li>● Yellow Soybeans Grade for Human Consumption</li><li>● Type: NON-GMO, Grade #1</li><li>● Crop year: 2021 / current</li><li>● Standard Export Quality</li><li>● Moisture: 13.0% MAXIMUM</li><li>● Organoleptic Clean and bright apperance. Natural smell.</li><li>● Test weight 56 pounds / min / bushel</li><li>● Heat damaged kernels: 0.2% Max.</li><li>● Total damaged grains: 1.0% Max.</li><li>● Split grain: 5.0% Max.</li><li>● Grain with another color: 1.0% Max.</li><li>● Foreign material and impurities: 1% Max.</li><li>● Maximum mottled particles: 2%</li><li>● Protein percentage: 40% Minimum</li><li>● Oil content: 18% Minimum</li><li>● Live insects: None</li><li>● Maximum normal radiation</li><li>● Seed / Shells: no shells, no virus, no insect parts, no poisonous matter and no genetic.</li><li>● Seed: Phytosanitary certificate of product.</li><li>● Aflatoxin: &lt;5.0 µg/Kg</li><li>● Mold particles: 0.5% of the largest epidermis is light yellow or yellow.</li><li>● Free fatty acid: &lt;1% KOH/g</li></ul>
<b>PACKING</b>	Options: a) 1,000Kg Super Sacks, or b) 50 Kg sacks or C) Bulk