

# FOODLINE

## **BRAZILIAN SOYBEANS**

- Oil content basis 18.50% (AOCS Ac 3 – 44) with non-reciprocal allowance of 1% for each 1%, fractions in proportion, in Buyer's favour for any deficiency
- Moisture maximum 14%;
- Foreign matter basis 1% maximum 2% with non-reciprocal allowance of 1% for each 1%, fractions in proportion;
- Damaged beans basis 8%, maximum 8.5% with non-reciprocal allowance 2:1, fractions in proportion, of which maximum 4% heat damaged and burned (being maximum 1% burned) and 6 % mouldy;
- Broken beans maximum 30%;
- Greenish beans maximum 8%;
- Free from poisonous seeds / husks but tolerance 1 particle of treated vegetable seeds with unknown level of toxicity for each 1 kg sample at each lot of 5,000 metric tons loaded and (Max) 0.005% castorseed and/or castorseed husks.
- Moisture 0.50%,
- Damaged Beans 0.50%
- Heat Damaged 0.50% and Foreign Matter 0.20% Greenish beans 0.50%, Burned 0.10% and Mouldy 0.50%
- Packaging : In Bulk

## **BRAZILIAN SOYBEANS NON GMO GRADE #2**

Type: for human consumption

Moisture: 14.5 max

Splits: 11% Protein: 35% Max

Color: 2%

Oil 19%

Foreign matter 1% Max

Heat damaged kernels 0.5%

Total damaged kernels: 3%

Crop: 2021-2022

Free of the following: no radiation; no insects no pests and no poison; no rocks, gravel, sand, larger pieces of wood or any particles that are harmful to human consumption.

Packing in 50kg bags

## **ARGENTINA SOYBEANS**

- Foreign matters: 2% (Max)
- Splits: 20% (Max)
- Heat damage: 0.50% (Max)
- Total damage: 3% (Max)
- Protein: (Min)imum 34 PCT
- Oil: 18% (Min)
- Fumigation: included
- Fat: (Max) 2.50%
- Moisture: (Max) 13.50%
- Fibre: (Max) 4.50%
- Ureasic activity: 0.02 to 0.20 MGNG (Min) at 30 degrees by EEC Methods
- For rest quality items: Non

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- Reciprocal allowances: 1:1
- Koh: (Min) 78%
- Aflatoxin: (Max) 50 PPB
- Sand/Silica: (Max) 1.50%
- Free from insects and moulds
- Arsenic compound: (Min)imum 1 ppm
- Mercuric compound: not found, zero
- Phosphides: maximum 0.05 PPM
- Cyanids: maximum 5 PPM
- Malathion: maximum 3 PPM parts per million
- Ethylens Debromide EDB: less than 10 PPB
- Container loading: 20' or 40' Dry Loose Bulk

## US SOYBEANS

Grading Factors	Grades U.S. Nos.			
	1	2	3	4
Minimum limits of				
Test weight lbs/bu	56.00	54.00	52.00	49.00
Damaged kernels:				
Heat (part of total)	0.20	0.50	1.00	3.00
Total	2.00	3.00	5.00	8.00
Foreign Material	1.00	2.00	3.00	5.00 0.50 - 1.00%
Foreign Material (Max)	0.50 - 1.00%	5.00%	1.00%	
Splits	10.00	20.00	30.00	40.00
Soybeans of other colors 1/	1.00	2.00	5.00	10.00
Maximum count limits of:				
Other materials				
Animal waste	9	9	9	9
Castor Beans	1	1	1	1
Crotalaria seeds	2	2	2	2
Glass	0	0	0	0
Stones 2/	3	3	3	3

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Grading Factors	Grades U.S. Nos.			
	1	2	3	4
Unknown foreign substance	3	3	3	3
Total 3/	10	10	10	10

U.S. Sample grade soybeans that:

- › Do not meet the requirements for U.S. Nos. 1, 2, 3, 4; or
- › Have a musty, sour, or commercially objectionable foreign odor (except garlic odor); or

Are heating or of distinctly low quality.

*1/ Disregard for Mixed soybeans.*

*2/ In addition to the maximum count limit, stones must exceed 0.1 percent of the sample weight.*

*3/ Includes any combination of animal filth, castor beans, crotalaria seeds, glass, stone, and unknown foreign substances. The weight of stones not applicable for total other material.*