



## SOYA BEANS **SECOND** GRADE SPECIFICATIONS

The soybean (U.S.) or soya bean (UK) (*Glycine max*) is a species of legume native to East Asia. It is an annual plant that may vary in growth, habit, and height. It may grow prostrate, not growing higher than 20 cm (7.8 inches), or even stiffly erect up to 2 meters (6.5 feet) in height. The pods, stems, and leaves are covered with fine brown or gray pubescence. The leaves are trifoliate, having 3 leaflets per leaf, and the leaflets are 6–15 cm (2–6 inches) long and 2–7 cm (1–3 inches) broad. The leaves fall before the seeds are mature. The small, inconspicuous, self-fertile flowers are borne in the axil of the leaf and are white, pink, or purple. The fruit is a hairy pod that grows in clusters of 3–5, with each pod 3–8 cm (1–3 inches) long and usually containing 2–4 (rarely more) seeds 5–11 mm in diameter.

### SPECIFICATIONS OF SOYA BEANS SECOND GRADE:

NO#	CHARACTERISTIC	MAXIMUM LIMITS	METHODS OF TEST
		<b>SECOND GRADE</b>	
1	MOISTURE, % (M/M)	13.0	ISO 711 ISO 712
2	TEST WEIGHT KG/H (G/0.5L) MIN	68(347)	
3	FOREIGN MATTER, % M/M	2	
4	INORGANIC MATTER, % M/M	0.3	
5	BROKEN/SPLIT GRAINS, % M/M	2.5	
6	PEST DAMAGED GRAINS, % M/M	0.8	
7	ROTTEN & DISEASED GRAINS, % M/M	0.5	ISO 605
8	HEAT DAMAGED GRAINS %M/M	0.2	
9	CONTRASTING COLOURS, % M/M	3	
10	IMMATURE/SHRIVELLED GRAINS, % M/M	0.2	
11	FILTH, % M/M	0.1	
12	TOTAL DEFECTIVE GRAINS, % M/M	3	
13	TOTAL AFLATOXIN (AFB1+AFB2+AFG1 +AFG2)), PPB, MAX	10	ISO 16050
14	AFLATOXIN B1 ONLY, PPB, MAX	5	
15	FUMONISIN, PPM, MAX	2	AOAC 2001.04

Best Regards,  
On behalf of GOLDEN FALCON  
Global CEO

