



## Product Specification for Chickpeas

The Garbanzo Bean, Also known as chickpeas is an edible legume with high protein content and one of the earliest cultivated vegetables. Spokane Seed Company's operation methods include receiving, Storage, and distribution to suppliers worldwide.

- \* Shelf life: 24 months
- \* Manufacture Code: PACKED DATE
- \* Storage: Ambient COOL/ DRY
- \* Product is dated by PRODUCTION DATE
- \* Country of Origin: USA
- \* Net Weight: 50 lb, 100 lb (bag), 2,000 lb (bulk)

Definitions:

### ***Sound Beans-***

Sound Beans shall be beans that are free from defects.

### ***Defects-***

Defects for chickpeas shall be splits, damaged beans, contrasting classes, and foreign material.

### ***Splits-***

Splits shall be pieces of beans that are not damaged, each of which consists of three-fourths or less of the whole bean, and shall include any sound bean the halves of which are held together loosely.

### ***Damaged Beans-***

Damaged beans shall be beans and pieces of beans that are damaged by frost, weather, disease, weevils or other insects, or other causes.

### ***Badly Damaged Beans-***

Badly damaged beans shall be beans and pieces of beans that are materially damaged or discolored by frost, weather, disease, weevils, or other insects, or other causes so as to materially affect the appearance and quality of the bean.

### ***Foreign Material-***

Foreign material shall be stones, dirt, weed seeds, cereal grains, lentils, peas, and all matter other than beans.

### ***Stones-***

Stones shall be concreted earthy or mineral matter, and other substances of similar hardness that do not disintegrate readily in water.

### ***Contrasting Classes-***

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Contrasting classes shall be beans of other classes that are of a different color, size, or shape from the beans of the class designated.

### ***Classes that Blend-***

Classes that blend shall be sound beans of other classes that are similar in color, size, and shape to the beans of the class designated.

### ***Broken Beans-***

Broken beans shall be sound beans with some but less than one-fourth of each bean broken off or with one-fourth or more of the seedcoat removed.

### ***Blistered Beans-***

Blistered beans shall be sound beans with badly blistered or burst seedcoats.

### ***Wrinkled Beans-***

Wrinkled beans shall be sound beans that have deeply wrinkled seedcoats and/ or are badly warped or misshaped.

### ***Weevily Beans-***

Weevily beans shall be beans that are infested with live weevils or other insects injurious to stored beans or that contain weevil-bored beans.

***Well screened-*** Well Screened, as applied to the general appearance of beans, shall mean that the beans are uniform in size and are practically free from such small, shriveled, underdeveloped beans, splits, broken beans, large beans, and foreign material that can be removed readily by the ordinary process of milling or screening through the proper use of sieves.

**All Chickpeas shipped will be US#1 unless otherwise requested by the customer. US#1 Specifications are as follows.**

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### PERCENT MAXIMUM LIMITS OF –FOREIGN MATERIAL

## Chickpea Specification

Grade	General Appearance	Moisture	Total Defects (total damaged, total foreign material, contrasting classes, splits)	Total Damaged	Total (includes stones)	Stones	Contrasting Classes	Classes that Blend
<b>U.S. NO. 1</b>	The special grade off-color may be applied after the removal of total defects	<b>18.0</b>	<b>2.0</b>	<b>2.0</b>	<b>0.5</b>	<b>0.2</b>	<b>0.5</b>	<b>5.0</b>
U.S. NO. 2		18.0	4.0	4.0	1.0	0.4	1.0	10.0
U.S. NO. 3		18.0	6.0	6.0	1.5	0.6	2.0	15.0
U.S. Substandard		18.0						
U.S. Sample Grade		18.0						