

## CHICKPEA STANDARDS 2016 - 2017



THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY

703.10 - Chickpea Standards 2016-2017 - Iss1 - October 2016

### Sampling Guidelines

- 1) A minimum of 3 vertical probes must be taken from every bin-load tendered for delivery. At least 3 litres must be drawn plus an additional litre for every 10 tonnes in the load.
- 2) The sample must be mixed prior to assessment.

**These standards are to be applied on individual truck loads and must not be averaged over a number of loads  
Segregations indicated on this chart are not available at all GrainFlow locations.**

Test Code	Binned grade	CHKP
	<b>Physical Characteristics</b> - The Desi type chickpeas should be sound, dry, fresh and light to medium brown in colour (a slight green tinge is allowed). Black is excluded as predominating colour.	Desi Type
MOGR	Moisture max (%)	14
VARP	Purity minimum (% by weight) Includes whole and defective Desi type chickpeas (including seed coats)	97
<b>Defective grains-</b> Maximum tolerance % by weight per 200g		
TODC	Defective max (% by weight) Includes broken, chipped, frost damaged, diseased, fully green, hail damaged, insect damaged, sappy, shrivelled, split, sprouted, weather damaged & wrinkled NOTE - Includes pods that contain broken or unbroken, loose seed coats and all seed material that falls through 3.97mm slotted screen	6
GNCL	OF WHICH Poor Colour max (% by weight) Kernel is blemished and/o.r off colour from characteristic yellow	2
ASCO	OF WHICH Ascochyta lesion is visible on kernel. Seed coat can be broken if sampler is unsure if the lesion has penetrated the kernel	1
FSMO	Mould (Storage or field) (per 200g) Includes Caked, Bin Burnt & Heat Damaged	1
<b>Foreign Seed Contaminants</b> Tolerances apply to whole seeds or their equivalent in pieces and refer to the maximum total of all seeds named in each type per 200g. Except BS1 in which the maximum applies on an individual seed basis per 200g.		
BS1	Colocynth, Double Gees/Spiny Emex/Three Cornered Jack, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Opium Poppy, Parthenium Weed**, Poppy (Field), Poppy (Horned), Wild Poppy	4*
BS2	Branched Broomrape, Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Ragweed, Rattlepods, Starburr, St Johns Wort	NIL
BS3A	Bathurst Burr, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed Dodder, Noogoora Burr, Thornapple	1
BS3B	Vetch (Tare & Commercial)	2
BS3C	Heliotrope (Blue), Heliotrope (Common) - Pods to be opened and seeds counted	4 Seeds
BS4	Bindweed (Field), Cutleaf Mignonette, Darnel (Drake Seed), Hexham Scent***, Hoary Cress, Mintweed, Night Shades, Paddy Melon, Skeleton Weed, Variegated Thistle	10
BS5	Knapweed (Creeping/Russian), Pattersons Curse/Salvation Jane, Sesbania Pea	20
BS6	Columbus Grass, Johnson Grass, Saffron Thistle. Pods of (including parts of) - Clover, Lucerne, Marshmallow, Medic, Muskweed, Wild Radish, Trefoil	5
BS7A	Cowpea, Faba Beans, Lentils, Lupin, Maize (Corn), Peas (Field), Soybean	10
BS7B	Barley (2 row), Barley (6 row), Bindweed (Australian), Bindweed (Black), Durum (Unlimited in FEED), Oats, (Black/Wild), Oats (Sand), Oats (Common), Rice, Rye (Cereal), Sorghum, Wheat Any other seeds not specified, other than SFS.	10
BS7C	Safflower, Sunflower	1
BS8	Bellvine	100
SFS	Small Foreign Seeds (SFS) max (% by weight)	0.6
* Individual Seed Basis    ** Parthenium Weed is NIL tolerance in NSW/VIC/SA    *** Hexham Scent is only acceptable if no tainting odour is present		
Other contaminants - Maximum tolerance per 200g unless otherwise stated		
FM	Foreign Material max (% by weight) Includes unmillable material and all other vegetable matter other than Desi chickpea seed	3
FPEA	OF WHICH - Field Peas max (% by weight)	2
UNM	Unmillable Material max (% by weight) Includes soil and non-vegetable matter	0.5
SOIL	OF WHICH - Soil max (% by weight)	0.3
SNAL	Snails (Live or Dead) max (count per 200g)	1
FIEL	Field Insects (Live or Dead) Includes hairy fungus beetle, ladybirds, minute mould beetles, pea weevil (dead only), sitona weevil, wood bugs, other field insects (by count)	15
GRLO	Grasshoppers and Locusts (Live or dead)	2
OBJM	Objectionable Material max (entire load) Includes sticks, stones (>1mm), live stored product insect pests, gravel, odour and other foreign material such as animal excreta, glass, addition of water, concrete and metal	NIL
ERGR	Ryegrass Ergotmax (length in cm when pieces laid end to end per 200g sample)	2cm
CHEM	Non Approved treatment chemicals above legal tolerances (entire load)	NIL

This chart is based on Pulse Australia Trading Standard CSP 4.1.1

Prepared and issued by - Grain Technical Services Coordinator.

GrainFlow Enquiries Toll Free 1800 4GRAIN  
www.grainflow.com.au