FABA BEANS STANDARDS 2016 - 2017

GrainFlow

THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY

703.14 - Faba Beans 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 and split using divider prior to assessment.
3) Please refer to 2016-2017 GCM for testing procedures

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		FAB1	FAB2
Physical Characteristics - The Faba Beans shall be sound, dry and fresh and light medium brown or pale green in colour			
PURI	**Purity minimum by weight -** Whole Faba Beans, defective Faba Baens and seed coats.	**97**	**97**
MOGR	**Moisture Content (%) Maximum**	**14**	**14**
	Defective - Max % by weight per 400g		
TOTD	**Total Defective maximum (% by weight)** Includes Poor Colour and all other defects (except Mould) Faba beans not of the specified variety and Faba Beans that are broken, chipped, diseased, frost damaged, green, insect damaged, sappy, shrivelled, split, sprouted, stained, weather damaged, wrinkled. Includes pods that contain Faba Beans, whether broken or unbroken. loose seed coat and all Faba Bean seed material falling through the 3.7mm slotted screen	6	10
PCOL	**Poor colour maximum (% by weight)** Faba Beans with excessive discolouration of the seed coat as VRSG (Includes ascochyta)	3	7
ODEF	**Other Defective maximum (% by weight)**	3	n/a
MOLD	**Mould (count per 400g)** Field or Storage Mould, Caked, Bin Burnt & Heat Damaged	1	1
	Foreign Seed Contaminants - Tolerances apply to whole seeds or their equivalent in pieces and refer to the maximum total of all seeds named in each type per half litre Except type (1) in which the maximum applies on an individual seed basis per half litre		
WS1	**TYPE (1):** Colocynth, Double Gee/Spiney Emex/ Three Corner Jack,Field poppy, Horned Poppy, Jute, Long Headed Poppy, Mexican Poppy, New Zealand Spinach, Parthenium Weed**, Saffron Thistle, Wild Poppy	**8***	**8***
WS2	**TYPE(2):** Castor oil plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St Johns Wort	**NIL**	**NIL**
WS3A	**TYPE(3A):** Bathurst Burr, Bulls Head/Caltrop/Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple	**2**	**2**
WS3B	**TYPE (3B):** Vetch (commercial), Vetch (Tare)	**4**	**4**
WS3C	**TYPE(3C):** Heliotrope (Blue), Helitrope (common)	**2 Pods/ 8 Seeds**	**2 Pods/ 8 Seeds**
WS4	**TYPE(4):** Bindweed (Field), Cutleaf Mignonette seeds or pods, Darnel (Drake Seed), Hexam Scent/Melilot (King Island)***, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	**20**	**20**
WS5	**TYPE(5):** Creeping Knapweed/Russian Knapweed, Patersons Curse/Salvation Jane, Sesbania Pea	**40**	**40**
WS6	**TYPE(6):** Columbus Grass, Johnson Grass, Saffron Thistle, Clover (pods), Lucerne (Pods), Marshmallow (Pods), Medic (Pods), Muskweed (Pods), Wild Radish (Pods), Trefoil (Pods)	**10**	**10**
WS7A	**TYPE(7a):** Chickpeas, Cowpea, Field Peas, Lentils, Lupins, Maize (corn), Soybean	**20**	**20**
WS7B	**TYPE(7b):** Barley (2 & 6 Row), Bindweed (Australian), Bindweed (Black), Durum, Oats (Common, Sand,Wild & Black), Rice, Cereal Rye, Sorghum, Triticale, Turnip Weed, Wheat and any other seed not specified (excluding SFS)	**20**	**20**
WS7C	**TYPE (7c):** Safflower, Sunflower	**2**	**2**
WS8	**TYPE (8):** Bellvine	**200**	**200**
SFS	**Small Foreign Seeds max** (% by weight)	**0.60%**	**0.60%**
	* Individual Seed Basis **Parthenium Weed is a NIL tolerance in NSW/VIC/SA *** Hexham Scent is only acceptable if no tainting odour is present		
	Contaminants - Maximun tolerance per 400g unless otherwise stated		
FM	**Foreign Material max (% by weight)** Includes unmillable material and all vegetable material other than Faba Bean seed material (includes stalks and plant material)	3	3
UNM	**Unmillable Material maximum (% by weight)** Soil, stones and non-vegetable matter	0.5	0.5
SOIL	**Soil maximum (% by weight)**	0.3	0.3
SNAL	**Snails maximum (by count)** Dead or alive. Whole or substantially whole (more than half) including bodies	2	2
GWBL	**Field Insects maximum (by count)** - Includes Hairy fungus beetle, Ladybirds, minute mould beetle, pea weevil (dead), sitona weevil, desiantha weevil, wood bugs and all other field insects	30	30
GRLO	**Grasshoppers and Locusts (Dead or Alive)**	4	4
ERGR	Ryegrass Ergot (length in cm)	4	4
CHEM	Non Approved Chemicals	NIL	NIL
OBJM	Objectionable Matter max (entire load) Includes: Live stored product insects, sticks, glass, concrete, odours, excreta or any other commerically unacceptable contaminant, smell or taste.	NIL	NIL

This chart is based on Pulse Australia standards CSP-5.2.1 and 5.3.1

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