

Feed Barley Receival Standards South Australia 2003/2004

These Standards are to be applied on individual truck loads and must not be averaged over a number of loads

	Feed Barley		
	FEED 3	FEED 4	FEED 5
	F3	F4	F5
Varietal Purity min (%)	All Two Row Barley Varieties		
Test Weight min (kg/hl)	TW	57.5	52.5
Moisture max (%)	MO	13.5	
Protein Content (%) – Minimum	PR	No minimum	
Maximum		No maximum	
Retention (% by weight) Above 2.5mm Agtator screen (all varieties except Franklin) Min	RT	NA	
Screenings (% by weight) Below 2.2mm Agtator screen (all varieties except Franklin) Max	SC	50	
Screenings (% by weight) Below 2.2mm Agtator screen (Franklin Malting Barley only) Max	SC	50	
Germinative Energy min (%) (Late deliveries, after 1 st March)	GE	NA	
Germinative Capacity min (%) (Late deliveries, after 1 st March)	GC	NA	
RVA (Rapid Visco Analyser)	RV	NA	
Defective Barley Grains - Maximum tolerance by Count			
Shot and Sprouted Grains (count per 100 grains)	SH	NA	
Split germ and/or a more advanced stage in which germ is grown	SP	NA	
Field Fungi and Dark Tipped Grains (count per 100 grains)	DC	NA	
Skinings (count per 100 grains)	SK	NA	
Bored Insect Damaged Barley (count per half litre)	ID	85	
Split/Cleaved Barley - Internal Split (count per 100 grains)	CB	NA	
Cracked / Broken Grains per 100 grams (% weight)	CK	10	
Frost Damaged (count per 100 grains)	FR	20	
Dry Green Sappy Barley (count per 100 grains)	GB	NA	
Heat Damaged, Bin Burnt or Storage Mould (count per half litre)		NIL	
Grain 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			
Wheat/Cereal Rye/Triticale/Rice/Cultivated Oats	FG	2000	
Wild Oats/Wild Radish	BW	100	
Barley with Blue Aleurone Layer	VA	100	
Other 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 and 3d in which the maximum applies on an individual seed basis per half litre			
Type 1 : Colocynth, Field Poppy, Horned Poppy, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Saffron Thistle, Wild Poppy, Cutleaf Mignonette pods	(S1)*	12	
Type 2 : Castor Oil Plant, Coriander, Crow Garlic or Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St Johns Wort, Broomrape, Parthenium Weed	(S2)	NIL	
Type 3a : Bathurst Burr, Bulls Head/Caltrop/Cats Heads, Cape Tulip, Cotton Seed, Dodder, Noogoora Burr, Thornapple, Bellvine	(3a)	2	
Type 3b : Vetch Tare, Vetch (Commercial).	(3b)	20	
Type 3c : Blue Heliotrope, Common Heliotrope.	(3c)	1 pod/4 seeds	
Type 3d : Double Gee/Spiny Emex/Three Corner Jack, Broad Beans	(3d)*	1	
Type 4 : Darnel (Drake Seed), Field Bindweed, Hexham Scent**, Hoary Cress, Mintweed, Melilot (King Island), Night Shades, Paddy Melon, Skeleton Weed, Variegated Thistle.	(S4)	30	
Type 5 : Creeping Knapweed/Russian Knapweed, Pattersons Curse/Salvation Jane, Sesbania Pea.	(S5)	50	
Type 6 : Columbus Grass, Johnson Grass	(S6)	80	
Type 7 : Chickpeas, Clover, Corn, Cowpeas, Faba Beans, Field Peas, Lentils, Lupins, Maize, Medic Pods, Safflower, Soybeans, Sunflower and any other large (pea sized) seeds or pods	(S7)	20	
Type 8 : Australian Bindweed, Bedstraw, Black Bindweed, Brome Grass, Forage Sorghum, Muskweed, Onion Weed, Phalaris Glumes, Poverty Weed, Ryegrass Stalk, Sheep Weed, Turnip Weed and any other weeds not specified in types 1-7 or Small Foreign Seeds	(S8)	500	
Small Foreign Seeds not specified in types 1-8, below 2.2mm Agtator screen (by weight)	SS	2.5	
* Individual Seed Basis ** Hexham Scent is only acceptable if no tainting odour is present			
Other Contaminants – Tolerances apply to whole seeds or their equivalent in pieces and refer to the maximum total of all contaminants named in each type per half Litre, *Except for stones in which the maximum applies on an individual seed basis per half litre			
Cereal Smuts/Cereal Ergots		NIL	
Ergot of Ryegrass (tolerance applies to the max. length in cm when pieces are aligned)	RE	0.5cm	
Earth (Pea size pieces by count)	EA	3	
Sand (Grains by count)	ES	50	
Stones (units per litre)	SE	8	
Field Insects (Field Insects by count)	FI	3	
Sitona Weevils (Sitona weevils by count)	SI	10	
Grain Insects : Live (Live insect pests of stored grain by count)		NIL	
: Dead (Dead insect pests of stored grain by count)	DI	10	
Snails (Max. no. per half litre by count)			
Snails – Round	SNR	10	20
Snails – Conical	SNC		
Odours, Sour and Musty or Mouldy grains (Grain which has any commercially objectionable foreign odour due to tainting agents or improper storage causing mould, souring or musty odours)		NIL	
Objectionable Matter (Sticks, glass, concrete, or any other commercially unacceptable contaminant, smell or taste. Fusarium (pink) fungal stained and/or post-harvest mouldy grain), Pickled Grain		NIL	
Foreign Material (Other than already specified - maximum by weight)	TF	1%	
Chemical Residues (Residues of any chemical compound not approved for barley, or use in contravention of the labeled instructions)		NIL	