

Commodity: MILLING MAIZE		Effective: 1 October 2004	
Standard Reference No. CSG-40			
PARAMETER	SPECIFICATION	COMMENT / VARIATION	
		Grain Criteria: Sound mature grain	
Moisture	Max 14%	Oven Method AACC 44- 15A	
Test Weight kg/hl	Min 70	Trade Certified Chondrometer	
Admixture	Max 5% by Weight	4.75mm round whole screen	
Foreign Material	Max 3% by Weight	Admixture total comprises foreign material, screenings and trash	
Screenings	Max 2% by Weight		
Trash	Max 2% by Weight		
DEFECTIVE GRAIN (Wt/Wt % Based on Min 200g sample)			
Broken Grain	5%		
Damaged	3%	(Sprouted (split germ), Frosted, Dark grain, dry green, sappy, insect damaged, Field fungi , Weather stained, Heat damaged)	
Dead or Mouldy	3%		
SEED CONTAMINANTS – (Max per half litre)		Source: AWB Ltd Weed Seed List	
Type 1	8	Colocynth, Double Gee or Spiny Emex or Three Cornered Jack, Jute, Long Headed Poppy, Mexican Poppy, Field Poppy, Horned Poppy, Wild Poppy and New Zealand Spinach, Parthenium Weed (Qld only)	
Type 2	Nil	Castor Oil Plant (<i>Ricinus communus</i>), Coriander, Crow Garlic or Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Common Broomrape, Starburr and St. John's Wort.	
Type 3 (a)	2	Bathurst Burr, Bulls Head or Calltrop or Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr and Thornapple – (<i>Datura</i> spp or False Castor Oil), Bellvine	
Type 3 (b)	4	Vetch (Blue) and Vetch (Commercial)	
Type 3 (c)	8	Heliotrope (Blue) and Heliotrope (Common)	
Type 4	20	Bindweed (Field), Cutleaf Mignonette, Damel, Hexham Scent (Hexham Scent is only acceptable if no tainting odour is present) or King Island Mellilot, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed and Variegated Thistle	
Type 5	40	Creeping Knapweed or Russian Knapweed, Patterson's Curse or Salvation Jane, Sesbania pea	
Type 6	10	Saffron Thistle, Johnson Grass, Colombus Grass	
Type 7 (a)	50	Chickpeas, Cowpea, Faba Beans, Lentils, Lupin, Field Peas, Safflower, Soybean and Sunflower	
Type 7 (b)	400	Barley, Australian Bindweed, Black Bindweed, Wheat, Durum, Black Oats, Sand Oats, Wild Oats, Common Oats, Rice, Rye (Cereal), Triticale, Turnip Weed, Forage Sorghum and any other weed seeds not specified in Types 1-7(a) or SFS	
Small Foreign Seeds (wt/wt)	1.6%	SFS – Small Foreign Seeds.	
OTHER CONTAMINANTS (Max per half litre)			
Foreign Material	1% by weight	Other than already specified (incl. Chaff, Straw & Backbone)	
Smuts/Ergots	3%	Boil Smut (<i>Ustilago maydis</i>)	
	Nil 0.5cm length max	Ball and Gall Smut or other smut species, cereal ergots. Ergot of Ryegrass	
Aflatoxin	5 ppb	Total Aflatoxin including (AFB1+AFB2+AFG1 +AFG2)	
Fumonison	<2 ppm	Total Fumonison including (FB1 + FB2 + FB3)	
Stored Grain insects – Live	Nil	Includes Pea Weevil	
Dead	10		
Field Insects, dead or alive	3	Field insects by count	
	10	Sitona Weevils by count	
Dead Grain Insects	10	Dead insect pests of stored grain by count	
Snails	2	Max no. per half litre by count	
Sand	50	Grains by count	
Earth	3	Pea size pieces by count	
Objectionable Matter	Nil	Sticks, stones, glass, concrete, or any other commercially unacceptable contaminant, smell or taste	
Pickled and Coloured Grain	Nil	Fusarium (pink) fungal stained, pickled grain	
Odours, Sour and Musty	Nil	Grain which has any commercially objectionable foreign odour due to tainting agents or improper storage causing mould, souring or musty odours	
Chemical Residues	Nil	Residues of any chemical compound not approved for maize, or used in contravention of the labeled instructions.	