

Commodity: PRIME MAIZE			
Effective: 1 October 2004			
Standard Reference No. CSG-41			
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		8%	
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 Caltrop 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 Melilot, 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, Columbus 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)			
Smuts/Ergots		3% Nil 0.5cm length max	Boil Smut (<i>Ustilago maydis</i>) Ball and Gall Smut or other smut species, cereal ergots. Ergot of Ryegrass
Aflatoxin		15 ppb	Total Aflatoxin including (AFB1+AFB2+AFG1 +AFG2)
Fumonison		5 ppm	Total Fumonison including (FB1 + FB2 + FB3)
Stored Grain insects – Live		Nil	Includes Pea Weevil
Dead		10	
Field Insects, dead or alive		3 10	Field insects by count 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 labelled instructions.