



(Grain Trade Australia) MAIZE STANDARDS 2019/2020

Sampling Guidelines

1) A minimum of 3 probes (litres) must be taken from every load tendered for delivery, plus an additional (probe) litre for every 10 tonnes in the load.

Name	CSG 41 PRIME MAIZE	CSG 42 FEED No.1 MAIZE	CSG 43 FEED No.2 MAIZE
QUALITY PARAMETER			
Description. Hybrids 99.8% free from genetic modification	N/A	N/A	N/A
Moisture Max (%)	14.0	14.0	14.0
Test Weight Min (kg/ha)	72.0	70.0	67.0
Total Admixture Max (% by wt). Total of Foreign Material, Screenings and Trash	5.0	8.0	8.0
Foreign Material Max (% by wt). All matter other than maize	3.0	5.0	5.0
Screenings Max (% by wt). All matter passing through a 4.75mm round hole screen	2.0	5.0	5.0
Trash Max (% by wt). Chaff and other Trash retained above a 4.75mm round hole screen following the Screenings process	2.0	4.0	4.0
DEFECTIVE GRAINS MAX - (% by count, 200 gram sample, unless otherwise stated)			
Broken	8.0	10.0	10.0
Damaged. Includes Dark Grain, Field Fungi, Heat Damaged or Bin Burnt, Insect Damaged and Sprouted	3.0	5.0	5.0
Dead or Mouldy. Includes Storage Mould. Dead are those that appear > approximately 50% opaque.	3.0	5.0	7.0
Pink Stained (entire load). Various fungi that cause pink staining	Nil	Nil	Nil
FOREIGN SEED CONTAMINANTS MAX - (count total per half litre; unless otherwise stated) 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.			
Type 1 (Individual seed basis). Colocynthis, Double Gee/Spiny Emex/Three Cornered Jack, Jute, Long Headed Poppy, Mexican Poppy, Field Poppy, Horned Poppy, Wild Poppy, New Zealand Spinach, Parthenium Weed**	8	8	8
Type 2 (entire load). Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, Peanut seeds or pods, Ragweed, Rattlepods, Starburr, St. John's Wort, Thornapple/False Castor Oil	Nil	Nil	Nil
Type 3 (a). Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head/Caltrop/Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr	2	2	2
Type 3 (b). Vetch (Blue/Tare), Vetch (Commercial)	4	4	4
Type 3 (c). Heliotrope (Blue), Heliotrope (Common). Note: tolerance listed for seeds. 4 seeds = 1 pod	8	8	8
Type 4. Bindweed (Field), Cutleaf Mignonette seeds, 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, Variegated Thistle	20	20	20
Type 5. Knapweed (Creeping/Russian), Patterson's Curse/Salvation Jane, Sesbania pea	40	40	40
Type 6. Saffron Thistle, Johnson Grass, Colombus Grass	10	10	10
Type 7 (a). Adzuki Beans, Broad Beans, Chickpeas, Cowpea, Faba Beans, Lentils, Lupin, Onion Weed Pods regardless of size, Peas (Field), Safflower, Soybean, Sunflower and any other seeds or pods greater than 5mm in diameter	10	50	50
Type 7 (b). Barley, Bindweed (Australian), Bindweed (Black), Wheat, Durum, Oats (Black/Wild - individual seeds in cluster counted), Oats (Sand), Oats (Common), Rice, Rye (Cereal), Ryegrass on Stalk, Sorghum (Forage), Sorghum (Grain), Triticale, Turnip Weed Pods and any other weed seeds not specified in Types 1-7(a) or SFS	10	50	100
Small Foreign Seeds (% by weight). All foreign seeds not specified in Types 1-7(b) that fall below the 4.75mm screen during the Screenings process	0.5	1.6	1.6
** QLD only. Nil tolerance in NSW, VIC, SA			
OTHER CONTAMINANTS MAX - count per half litre, unless otherwise stated			
Smut – Boil (% by weight). Smut caused by Ustilago maydis	1.0	3.0	5.0
Smut – All Others (entire load). Includes Ball Smut, Gall Smut and all Smut other than Boil Smut	Nil	Nil	Nil
Ergot – Ryegrass (length in cm). Length of all pieces present aligned end on end	0.5	0.5	0.5
Ergot – Cereal (entire load). Whole or pieces of Cereal Ergot	Nil	Nil	Nil
Aflatoxin – Total ppb. Total Aflatoxin including (AFB1+AFB2+AFG1+AFG2)	15	20	80
Aflatoxin B1 - ppb	-	-	20
Fumonisin – Total ppm. Total Fumonisin including (FB1 + FB2 + FB3)	4	10	40
Stored Grain Insects & Pea Weevils – Live (entire load). All life stages	Nil	Nil	Nil
Insects – Large. Dead or alive. Includes Rutherglen bugs, ladybirds, grasshoppers/locusts, sitona weevils, wood bugs & pea weevil (dead only).	3	3	3
Insects – Small. Dead or alive. Includes all species of aphid, mites & stored grain insects (dead only).	10	10	10
Snails. Dead or alive	2	2	2
Earth. Pieces of Earth, maximum 5mm in diameter each	3	3	3
Sand. Individual grains of sand	20	50	50
Stones (g per 2.5L). Maximum total weight of all Stones per 2.5L	4.0	4.0	4.0
Objectionable Material (entire load). Sticks, glass, concrete, or any other commercially unacceptable contaminant, smell or taste	Nil	Nil	Nil
Pickling Compounds (entire load). Pickled grain, dyed grain	Nil	Nil	Nil
Odour (entire load). Grain which has any commercially objectionable foreign odour due to tainting agents or improper storage causing odour	Nil	Nil	Nil
Chemicals Not Approved for Maize (entire load). Residues of any chemical compound not approved for Maize, used in contravention of the labelled instructions or chemicals in excess of the MRL	Nil	Nil	Nil
Maximum Temperature (oC). Grain temperature ex grain dryer	35	35	35
As at 01 Aug 2019			