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FEED MAIZE STANDARDS 2021-2022

THIS CHART IS INTENDED TO ACT AS A GUIDE ONLY

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GrainCorp

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 only available where announced

Test Code	Binned Grade	FMAZ
Description – Hybrids 99.8% free from genetic modification.		
MOGR	**Moisture Maximum (%)**	14.0
TWT	**Test Weight Minimum (kg/hl)**	70
ADMX	**Admixture Maximum (% by weight)** Total of Foreign Material, Screenings and Trash	8.0
FGNM	**Foreign Material Maximum (% by weight)** All material other than maize. Includes pieces of seed pods.	5.0
SCRN	**Screenings Maximum (% by weight)** All matter passing through a 4.75mm round hole screen after 40 shakes.	5.0
UNM	**Trash Maximum (% by weight)** Chaff and other Trash retained above a 4.75mm round hole screen following the Screenings process.	4.0
Defective Grains – Maximum tolerance as per method specified. Note: **NIL** tolerance applies to the entire load except where stated otherwise. Defective definitions are to be read in conjunction with the photo in the Visual Recognition Standards Guide which depicts the minimum standard for a grain to be classified as **defective.**		
BKN	**Broken and Cracked Maximum (% by weight per 200 grams)**	10.0
DAMI	**Damaged Maximum (% by weight per 200 grams)** Includes Dark Grain, Field Fungi, Heat Damaged, Insect Damaged, Silk Cut and Sprouted.	5.0
DEA	**Dead or Mouldy Maximum (% by weight per 200 grams)** Includes: Starburst and storage mould. Dead are those that have been affected by disease and appear >50% opaque.	5.0
PFUN	**Pink Stained Maximum (entire load)**	**NIL**
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 / Spiny Emex / Three Cornered Jack, Poppy (Field, Poppy (Horned), Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Parthenium Weed** (QLD only), Wild Poppy	8*
WS2	TYPE(2): Castor Oil Plant, Coriander, Crow Garlic/Wild Garlic, Darling Pea, Opium Poppy, Parthenium Weed** (NSW/VIC/SA), Peanut seeds and pods, Ragweed, Rattlepods, St. Johns Wort, Starburr, Thornapple / False Castor Oil	**NIL**
WS3A	TYPE(3a): Bathurst Burr, Bellvine, Branched Broomrape, Bulls Head / Caltrop / Cats Head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr	2
WS3B	TYPE(3b): Vetch (Commercial), Vetch (Tare)	4
WS3C	TYPE(3c): Heliotrope (Blue), Heliotrope (Common) ***Note: included in this Type are tolerances for seeds or pods.	2 Pods / 8 Seeds
WS4	TYPE(4): Bindweed (Field), Cut-leaf mignonette seeds or pods, Darnel (Drake Seed), Hexham Scent/ King Island Melilot ****, Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle	20
WS5	TYPE(5): Knapweed, Paterson's Curse / Salvation Jane, Sesbania Pea	40
WS6	TYPE(6): Saffron Thistle, Colombus Grass, Johnson Grass	10
WS7A	TYPE(7a): Adzuki Beans, Broad Beans, Chickpeas, Clover pods, Cowpea, Faba Beans, Lentils, Lupin, Medic Pods, Peas (Field),Safflower, Soybean, Sunflower - And any other seeds or pods greater than 5.0mm in diameter. Includes Onion Weed Pods regardless of size.	50
WS7B	TYPE(7b): Barley, Bindweed (Australian), Bindweed (Black), Brome Grass, Carrot Weed, Wheat, Durum, Oats (Black), Oats (Sand), Oats (Wild), Oats (Common), Rice, Rye (Cereal), Phalaris glumes, Poverty weed, Ryegrass on stalk, Sheep weed, Sorghum (Forage / Grain), Three horn bedstraw, Turnip Weed Pods and any other foreign seed not specified in Types 1 - 7(a) or in SFS.	50
SFS	**Small Foreign Seeds maximum (% by weight)** Foreign seeds not already specified in Types 1-7(b) that fall below the 4.75mm screen during the screenings process.	1.6%
* Individual seed basis ** Parthenium Weed is a **NIL** tolerance in NSW/VIC/SA *** Heliotrope pods must be opened and the seeds counted **** Hexham Scent is only acceptable if no tainting odour is present		
Other Contaminants – Maximum tolerances as per method specified. Note: **NIL** tolerance applies to the entire load.		
PICK	**Pickling Compounds & Coloured Grain Maximum (entire load)** Includes: Pickled grain, dyed grain	**NIL**
CHEM	**Chemicals Not Approved for Maize Maximum (entire load)** Residues of any chemical compound not approved for Maize, used in contravention of the labelled instructions or chemicals in excess of the Australian MRL.	**NIL**
BOSM	**Boil Smut Maximum (% by weight per half litre)**	3%
SMUT	**Smuts/Cereal Ergots Maximum (entire load)** Includes Ball Smut, Gall Smut and all Smut other than Boil Smut.	**NIL**
ERGR	**Ergot of Ryegrass Maximum (length in cm when pieces are aligned per half litre)**	0.5cm
LIVE	**Stored Grain Insects and Pea Weevils: Live Maximum (entire load)**	**NIL**
INLG	**Field Insects – Large, dead or alive Maximum (count per half litre)** Includes: Desiantha Weevil, Pea Weevil (dead only), Sitona Weevil, Rutherglen bugs, ladybirds, grasshoppers and wood bugs, whole or parts thereof. These are insect contaminants of grain that do not cause damage to stored grains.	3
INSM	**Field Insects – Small, dead or alive Maximum (count per half litre)** Includes: all species of aphid, minute mould beetle, mites & stored grain insects (dead only). These are insect contaminants of grain that do not cause damage to stored grains.	10
SNAL	**Snails: Live or Dead Maximum (count per half litre)**	2
SAND	**Sand Maximum (count per half litre)** Individual grains of sand.	50
EART	**Earth Maximum (count per half litre)** Defined as a clod of dirt, being 5mm or less in diameter.	3
STON	**Stones Maximum (g per 2.5L)** Maximum total weight of all stones per 2.5L	4
TEMP	**Grain Temperature Maximum (°C)** Grain temperature ex grain dryer.	35°C
OBJM	**Objectionable Matter Maximum (entire load)** Includes: Sticks/Stubble (>3cm in length and/or 1cm in diameter), glass, concrete, metal, fertiliser, animal excreta, animal carcasses, tainting agents or any other commercially unacceptable contaminant, odour or taste (inc. plant parts and seeds of Eucalyptus spp.) greater than the tolerance or specifications as allowed in these standards.	**NIL**
TAIN	**Odour Maximum (entire load)** Grain which has any commercially objectionable foreign odour due to tainting agents or improper storage causing odour.	**NIL**

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