



**2017/18 Malting Barley Receival Standards**

These Receival standards are current as at 1/09/2017

Defect					2.5 mm Screen				
	MALT1 & BFOD1	MALT2 & BFOD2	BFED1	BFED2	Defect	MALT1 & BFOD1	MALT2 & BFOD2	BFED1	BFED2
<u>Infracore Analysis</u>					<u>Count per 1 Level Full BPM (400 grains)</u>				
Protein (minimum %)	9.5	9.0	No	No	Heavily Discoloured	10	10	No	No
Protein (maximum %)	12.5	12.8	Limit	Limit	Spotted Field Fungi Affected (maximum)	20	30	Limit	Limit
Moisture Content (maximum %)	12.5	12.5	13	13	Germ End Staining	30	60	No	No
Colour (minimum)	56	55	51	No Limit	<u>Count per 2 Level Full BPM (800 grains)</u>			Limit	Limit
Temperature (maximum)	45	45	50	50	Insect Damaged Grain	4	4	No	No
NOTE: THE TEMPERATURE LIMIT IS ONLY APPLIED TO BARLEY THAT HAS BEEN DRIED. IF THE TEMPERATURE IS HIGH BECAUSE OF ENVIRONMENTAL CONDITIONS THE LOAD IS ACCEPTABLE					Type 7A Seeds (maximum)	6	6	40	40
<u>Weight of the ½ Litre</u>					Oats, Wild Oats, Black/Brown Oats, Speargrass	8	8	40	40
Hectolitre Weight (kg/hl) (minimum)	64	62	56	56	Type 7B Seeds (maximum)	8	8	40	40
Hectolitre Weight (grams) (minimum)	320	310	280	280	Clover Burr, Medic	8	8	80	80
<u>Weight per ½ Litre</u>					Type 6 Seeds (maximum)				
Radish Pods (maximum)	0.4g	0.4g	4.0g	4.0g	Wheat, Triticale, Cereal Rye				
Head Smut/Smuttet Grain (maximum)	0.1g	0.1g	0.2g	0.2g	<u>Weight per ½ Litre in %</u>				
Unmillable Material (maximum)	0.3g	0.3g	0.3g	0.3g	Screenings (maximum)	20	35	No	No
Stones in grams					2.5mm SCREEN			Limit	Limit
NOTE: Remove any Stones found in the sample and weigh them. If the weight is over the limit then the sample is undergrade. If the weight is below the limit place the stones to one side in order to combine them with sand later.					<u>Count per ½ Litre</u>				
<u>Count per ½ Litre</u>					Type 5 Seeds (maximum)	10	10	100	100
Type 1 Seeds (maximum)	1	1	1	1	Drakeseed	10	10	10	10
Sunflower, Safflower, Variegated Thistle					Dead Grain Insects (maximum)	Nil	Nil	1	1
Type 2 Seeds (maximum)	1	1	20	20	Live Fungus Beetles (maximum)				
Lupins, Field Peas, Vetch, Faba Beans, Chick Peas					<u>Length per ½ Litre</u>				
Type 3 Seeds (maximum)	1	1	20	20	Ryegrass Ergot (maximum)	3 cm	3 cm	3 cm	5 cm
Doublegees					<u>Weight per ½ Litre</u>				
Type 4 Seeds (maximum)	5	5	50	50	Small Foreign Seeds (maximum %)	1%	1%	2%	2%
Saffron Thistle, Paddy Melon					Ryegrass, Canary Seed, Turnip, Canola, Dock Seed, Radish Seed	0.3g	0.3g	0.3g	0.3g
Whole Snail Shells (maximum)	Nil	Nil	2	10	Unmillable Material (maximum g)				
Live or Dead, Fragments are acceptable					Grams of Sand and Stones				
Fusarium Affected Barley	NIL	NIL	NIL	NIL	NOTE: Remove and weigh any sand found in the bottom tray and add any Stones that were collected earlier to get the final result for unmillable material.				
Sappy Material (maximum)	30	30	50	50	<u>Count per 100 Seed Grain Tray</u>				
In Feed Dry Green Grains are excluded from the test					6 Row Barley (maximum)	5	5	No	No
Ryegrass is excluded from this test					Skinned and Broken (maximum)	10	15	Limit	Limit
Severely Damaged Grains (Mould, Bin Burnt & Heat Damaged) maximum	1	1	1	1	Distorted Kernels (maximum)	1	2	No	No
Dry Green Barley Grains (maximum)	30	30	No Limit	No Limit	Cleaved Barley (maximum)	1	1	Limit	Limit
In Feed Dry Green Grains are excluded from the test					Blue Kernals (maximum)	Nil	Nil	1	10
Ryegrass is excluded from this test									
Sprouted Barley (maximum)	Nil	Nil	10	10					
Sticks (maximum length)	6 cm	6 cm	6 cm	6 cm					
Sticks (maximum diameter)	1 cm	1 cm	1 cm	1 cm					
Includes Faba Bean and Canola Stalks									
Field Insects (maximum)	15	15	15	15					
Whole bodies, Live or Dead. Grasshoppers, Ladybirds, Woodbugs, Pea/Native Weevils, Armyworms, Bronzed Field Beetles, Earwigs									
# NOTE: BFOD1 & BFOD2 IS FOR HINDMARSH only					# NOTE: BFOD1 & BFOD2 IS FOR HINDMARSH only				