

**2021/22 Barley Receival Standards Limits**



\* Direct any queries regarding these Receival standards to the local CBH Quality Coordinator.  
 \* Copies of the most up to date Receival standards can be downloaded from LoadNet®.  
 \* To deliver as Malt, Varietal Purity should be equal to or greater than 95%

DATE: 15/10/2021

NOTE: Not all grades are available at all sites

	MALT1	BFED1/ BFDEC	BFED2	BFED3	BFEDX
<b>2. INFRATEC ANALYSIS</b>					
Protein (minimum %)	9.5	No Limit	No Limit	No Limit	No Limit
Protein (maximum %)	12.8	No Limit	No Limit	No Limit	No Limit
Moisture Content (maximum %)	12.5	13	13	13	13
Colour (minimum)	56	51	No Limit	No Limit	No Limit
Temperature (maximum) Temperature limit only applicable to grain that has been dried	45	50	50	50	50
<b>3. HECTOLITRE WEIGHT</b>					
Hectolitre Weight (kg/hl) (minimum)	64.0	56.0	56.0	54.0	46.0
Hectolitre Weight (grams) (minimum)	320.0	280.0	280.0	270.0	230.0
<b>4. FOREIGN MATERIAL ASSESSMENT- HALF LITRE</b>					
<b>REMOVE AND WEIGH</b>					
Radish Pods (maximum) Includes radish pods, serradella pods and other plant material not listed in this Standard	0.4g	4.0g	4.0g	4.0g	4.0g
Head Smut/Smuted Grain (maximum) Irregular shaped brownish/black lump which easily breaks into pieces. Includes clean barley covered in spores	0.1g	0.2g	0.2g	0.2g	0.2g
Unmillable Material (maximum) Stones in grams (to be added to any sand found in bottom tray after screenings)	0.3g	0.3g	0.3g	0.3g	0.3g
<b>REMOVE AND COUNT</b>					
Type 1 Seeds (maximum) Sunflower, Safflower, Variegated Thistle	1	1	1	1	1
Type 2 Seeds (maximum) Lupins, Field Peas, Vetch, Faba Beans, Chick Peas	1	20	20	20	20
Type 3 Seeds (maximum) Doublegees	1	20	20	20	20
Type 4 Seeds (maximum) Saffron Thistle, Paddy Melon	5	50	50	50	50
Snail Shells (maximum) Live or Dead, more than half a snail shell	NIL	1	10	15	15
Fusarium Affected Barley Light weight, white and chalky appearance and may have a red to orange discolouration on the kernel surface	NIL	NIL	NIL	1	1
Sappy Material (maximum) Any material including barley that is soft and moist when pressed. May or may not be green.	30	50	50	50	50
Severely Damaged Grains (maximum) Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the husk	1	1	1	1	1
Dry Green Barley Grains (maximum) Barley surface is distinctly green and grain is dry and hard	30	No Limit	No Limit	No Limit	No Limit
Sprouted Barley (maximum) Visible evidence of shoot or root system beginning to emerge from the germ	Nil	10	10	10	10
Field Insects (maximum) Whole bodies, live or dead. Grasshoppers, ladybirds, woodbugs, pea/native weevils, armyworms, bronzed field beetles, earwigs	15	15	15	15	15
<b>REMOVE AND MEASURE</b>					
Sticks (maximum length)	6 cm	6 cm	6 cm	6 cm	6 cm
Sticks (maximum diameter) Includes Faba Bean and Canola Stalks	1 cm	1 cm	1 cm	1 cm	1 cm
<b>5. RETENTION &amp; 2.2MM SCREENINGS ASSESSMENT</b>					
Retention (minimum % of 1/2L) 2.5mm BARLEY SCREEN (40 shakes) - ALL MATERIAL REMAINING ON TOP OF THE SCREEN IS CAPTURED AS RETENTIVE	80.0	No Limit	No Limit	No Limit	No Limit
2.2mm Screenings (maximum % of 1/2L) 2.2mm BARLEY SCREEN (40 Shakes) - ALL MATERIAL IN THE BOTTOM TRAY	No Limit	No Limit	No Limit	No Limit	No Limit
<b>6. BLACK PLASTIC MEASURE ASSESSMENTS (FROM BUCKET)</b>					
<b>6.1 ONE BLACK PLASTIC MEASURE (400 GRAINS)</b>					
Heavily Discoloured Staining is dark in appearance and affects more than the germ end	10	No Limit	No Limit	No Limit	No Limit
Spotted/Field Fungi Affected Only (maximum) Black spotting or grey surface discolouration greater than 10% of the grain surface	20	No Limit	No Limit	No Limit	No Limit
Germ End Staining Distinct dark brown to black discolouration on the germ end equal to or greater than 1mm	30	No Limit	No Limit	No Limit	No Limit
Pink Fungal Stained Barley Orange, pink or red discolouration found anywhere on the surface of the kernel. Grains appear otherwise healthy.	Nil	1	5	10	10
Distorted Kernels (maximum) Grains that have collapsed on the dorsal side	20	45	80	No Limit	No Limit
Blue/Black Kernels (maximum) Kernels have a blue or black colour under the bran layer. Also includes black-hulled varieties.	Nil	4	40	40	40
<b>6.2 TWO BLACK PLASTIC MEASURES (800 GRAINS)</b>					
Insect Damaged Grain Any visible insect damage penetrating through to the white endosperm	4	No Limit	No Limit	No Limit	No Limit
Type 7A Seeds (maximum) Oats, Wild Oats, Black/Brown Oats, Speargrass	6	40	40	40	40
Type 7B Seeds (maximum) Clover Burr, Medic, Marshmallow and any other seed not mentioned in this Standard	8	40	40	40	40
Type 6 Seeds (maximum) Wheat, Triticale, Cereal Rye	8	80	80	120	120
<b>7. ASSESSMENT AFTER RETENTION</b>					
<b>7.1 SEEDS, DEAD GRAIN INSECTS AND FUNGUS BEETLES</b>					
Type 5 Seeds (maximum) Drakeseed	10	100	100	100	100
Dead Grain Insects (maximum)	10	10	10	10	10
Live Fungus Beetles (maximum)	Nil	1	1	1	1
<b>7.2 RYEGRASS ERGOT</b>					
Ryegrass Ergot (maximum length) Purple to black fungal body with white inside, hard and fractures easily	3cm	3cm	5cm	5cm	5cm
<b>7.3 SMALL FOREIGN SEEDS ASSESSMENT</b>					
Small Foreign Seeds (maximum % of 1/2L) Ryegrass, Canary Seed, Turnip, Canola, Dock Seed, Radish Seed, Serradella Seed	1%	2%	2%	2%	2%
<b>7.4 UNMILLABLE MATERIAL</b>					
Unmillable Material (maximum g) Grams of Sand and Stones - includes any unmillable material removed from 1/2L	0.3g	0.3g	0.3g	0.3g	0.3g
<b>8. OTHER FOREIGN MATERIAL ASSESSMENT</b>					
Other Foreign Material (maximum % of 1/2L) Includes pieces of Snail Shell (less than half an entire shell), pieces of Stored Grain Insects (not whole), pieces of Insects Large/ Small, and pieces of static flower and any other non-vegetative material not listed.	0.1%	0.2%	0.2%	0.2%	0.2%
<b>9. 100 SEED TRAY ASSESSMENT (MALT VARIETIES ONLY)</b>					
6 Row Barley (maximum) Different varieties of Barley identified by longer, thinner shape and twisted crease	5	No Limit	No Limit	No Limit	No Limit
Skinned and Broken (maximum) Skinned: 1/3 or more total surface area of the husk missing OR missing/damaged husk on the germ end OR germ has been removed. Broken: 1/3 or more missing from the kernel	10	No Limit	No Limit	No Limit	No Limit
Cleaved Barley (maximum) Split along crease or on the dorsal, ventral or side of grain exposing white endosperm	1	No Limit	No Limit	No Limit	No Limit

## 2021/22 Canola Receival Standards Limits

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\* Copies of the most up to date Receival standards can be downloaded from LoadNet®.



Date: 18/10/2021

	CAN1	CAG1 (GMO Canola)	CAN2	CAG2 (GMO Canola)	CANS/CAGS
NOTE: Not all grades are available at all sites					
<b>2. ASSESSMENT ON 100 GRAMS (RUTHERGLEN BUGS)</b>					
<b>Rutherglen Bugs (maximum)</b> Live or Dead	50	50	50	50	50
<b>3. 500 GRAM FOREIGN MATERIAL/LARGE ADMIXTURE</b>					
<b>REMOVE AND COUNT</b>					
<b>Small Snails less than 10mm (Maximum) Live or Dead</b> Any snails larger than 10mm are a level 3 contaminant. Includes whole snails/shells or non-whole pieces that cannot fit through a 10mm hole. Count as a small snail if whole but less than 10mm; a broken piece more than half a shell but less than 10mm, or a snail body without a shell. Any non-whole snails/shells or broken pieces less than 10mm and less than or equal to half a snail are to be included in the weight of the admixture	1	1	1	1	10
<b>Field Insects (maximum)</b> Grasshoppers, Ladybirds, Wood Bugs, Pea/Native Weevils, Armyworms, Bronzed Field Beetles, Earwigs and all other field insects	20	20	20	20	20
<b>Budworm (maximum)</b> Includes all caterpillars	7	7	7	7	7
<b>REMOVE AND WEIGH</b>					
<b>Unmillable Material (maximum grams)</b> Sand, Stones	0.3g	0.3g	0.3g	0.3g	0.3g
<b>WEIGH</b>					
<b>Large Admixture (maximum %)</b> <b>Large Admixture (maximum g)</b> Consists of any admixture remaining on top of the 2.4mm canola screen, foreign seeds, sclerotes, ryegrass ergot <i>Does not include Unmillable Material, field insects, budworm or snails</i>	1.5%	1.5%	3.0%	3.0%	3.0%
<b>Canola Sclerotes (maximum %)</b> <b>Canola Sclerotes (maximum g)</b>	0.50%	0.50%	0.50%	0.50%	0.50%
<b>COUNT</b>					
<b>Type 1 Seeds (maximum)</b> Doublegees, Sunflower, Saffron Thistle, Variegated Thistle	1	1	1	1	1
<b>Type 2 Seeds (maximum)</b> Lupins, Faba Beans, Chick Peas, Vetches, Field Peas and any other pulse	7	7	20	20	7
<b>MEASURE</b>					
<b>Ryegrass Ergot (maximum)</b> Purple to black fungal body with white inside, hard and fractures easily	5 cm	5 cm	5 cm	5 cm	5 cm
<b>4. ADMIXTURE</b>					
<b>Admixture (maximum %)</b> <b>Admixture (maximum g)</b> Consists of any straw, pods, weed seeds, snail shell pieces, vegetable matter and damaged seeds. Any material remaining in clean canola after Aerovac should be included as Admixture.	5.0%	5.0%	10.0%	10.0%	10.0%
<b>Large Admixture/Admixture Combined (maximum %)</b> <b>Large Admixture/Admixture Combined (maximum g)</b>	25.0g	25.0g	50.0g	50.0g	50.0g
<b>5. INFRA TEC ANALYSIS</b>					
<b>Protein %</b>	No Limit	No Limit	No Limit	No Limit	No Limit
<b>Moisture Content (maximum %)</b>	8.0	8.0	8.0	8.0	8.0
<b>Oil Content (minimum %)</b>	38.0	38.0	30.0	30.0	30.0
<b>Temperature (maximum)</b>	No Limit	No Limit	No Limit	No Limit	No Limit
<b>6. DAMAGED SEED ASSESSMENT - 10 GRAMS</b>					
<b>Damaged Seeds (maximum %)</b> <b>Damaged Seeds (maximum g)</b> Discoloured from mould (grey), green seeds or otherwise distinctively physically damaged	3.0%	3.0%	10.0%	10.0%	3.0%
<b>Damaged Seeds (maximum g)</b>	0.3g	0.3g	1.0g	1.0g	0.3g
<b>7. ONE GRAM ASSESSMENT</b>					
<b>Wild Turnip (maximum)</b> Smaller and red in colour, white inside	6	6	6	6	6
<b>Sprouted Seeds Only (maximum)</b> Seed coat is split and root has emerged	15	15	15	15	15
<b>8. HEATED SEEDS ASSESSMENT</b>					
<b>Heated Seeds (maximum per 250 seeds)</b> Seeds have gone rancid, when crushed the seed kernel is brown and oil smells sour • Weeks 1 – 6 of Canola receivals: assessment conducted on loads rejected for high moisture or suspected heated seeds. • After 6 weeks of Canola receivals: assessment mandatory on all loads.	1	1	1	1	1

## 2021/22 Chickpea Receival Standards



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Date 1/09/2021

NOTE: Not all grades are available at all sites

**CHI1**

**CFED1**

### 2. INFRATEC RESULTS

Protein	No Limit	No Limit
Moisture Content (maximum %)	14.0	14.0

### 3. 200 GRAM COUNT

Doublegees (maximum)	5	20
Field Peas (maximum)	15	25
Pulses (maximum)	3	20
Lupins, Vetches - remove from pods where applicable		

### 4. 200 GRAM ASSESSMENTS

Screen: Chickpea 4.0mm slots, shake until no more material passes through

#### 4.1 UNMILLABLE MATERIAL

Unmillable Material (maximum %)	0.5%	0.5%
Unmillable Material (maximum g)	1g	1g
Sand, Stones and Mineral Matter		

#### 4.2 FOREIGN MATERIAL WEIGH

Foreign Material (maximum %)	3.0%	6.0%
Foreign Material (maximum g)	6g	12g
All Unmillable material, all weed seeds, all other vegetable matter other than chickpeas.		

#### 4.3 POOR COLOURED AND DEFECTIVE CHICKPEAS

Poor Colour Pulses (maximum %)	2.0%	5.0%
Poor Colour Pulses (maximum g)	4g	10g
Seed coats vary from dark brown to black. Includes stained and weather damaged seed coats and green. Does not include tiger striping or speckles.		
Defective Pulses (maximum %)	6.0%	15.0%
Defective Pulses (maximum g)	12g	30g
All Poor Colour Chickpeas, seeds that are broken, chipped, frost damaged, diseased, green, hail damaged, insect damaged, sappy, shrivelled, split, sprouted, weather damaged, and/or wrinkled.		

#### 4.4 FOREIGN MATERIAL COUNT

Ryegrass Ergot (maximum length)	2 cm	2 cm
Purple to black fungal body with white inside, hard and fractures easily		
Severely Damaged Grains (maximum)	1	1
Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the seed coat.		
Dead Grain Insects (maximum)	5	5
Field Insects (maximum)	15	15
Live or Dead, Grasshoppers, Woodbugs, Ladybirds, Armyworms, Pea/Native Weevils (dead only - live are considered a Contaminant)		
Whole Snail Shells (maximum)	1	1
Whole or more than half shells, including bodies. Fragments Acceptable		

## 2021/22 Faba Beans Receival Standards



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Date: 1/09/2021

NOTE: Not all grades are available at all sites

FAB1

FFED1

### 2. INFRATEC RESULTS

	No Limit	No Limit
<b>Protein</b>		
<b>Moisture Content (maximum %)</b>	14.0	14.0

### 3. 200 GRAM COUNT

<b>Doublegees (maximum)</b>	5	15
<b>Pulses (maximum)</b> Chick Peas, Lupins, Field Peas, Lentils, Vetches- remove from pods where applicable	5	5

### 4. 200 GRAM ASSESSMENTS

Screen: Faba Bean 3.75mm slots, shake until no more material passes through

#### 4.1 UNMILLABLE MATERIAL WEIGHT

<b>Unmillable Material (maximum %)</b>	0.5%	0.5%
<b>Unmillable Material (maximum g)</b> Sand, Stones and Mineral Matter	1g	1g

#### 4.2 FOREIGN MATERIAL WEIGHT

<b>Foreign Material (maximum %)</b>	3.0%	3.0%
<b>Foreign Material (maximum g)</b> All other vegetable matter other than faba beans. Also include all Unmillable Material (step 4.1) and all weed seeds (Step 3).	6g	6g

#### 4.3 POOR COLOURED, DEFECTIVE & DAMAGED

<b>Poor Colour Pulses (maximum %)</b>	3.0%	15.0%
<b>Poor Colour Pulses (maximum g)</b> Seed coats with visible markings, or grey, dark brown to black in colour	6g	30g
<b>Damaged Seeds (maximum %)</b>	5.00%	No Limit
<b>Damaged Seeds (maximum g)</b> Seeds that are split, broken, chipped or insect damaged	10g	
<b>Defective Pulses (maximum %)</b>	6.0%	20.0%
<b>Defective Pulses (maximum g)</b> All Poor Colour seeds, all Damaged Seeds, seeds that are affected by field mould, sappy, green, immature, shrivelled, distorted and sprouted	12g	40g

#### 4.4 FOREIGN MATERIAL COUNT

<b>Ryegrass Ergot (maximum length)</b> Purple to black fungal body with white inside, hard and fractures easily	2 cm	2 cm
<b>Severely Damaged Grains (maximum)</b> Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the seed coat.	1	1
<b>Dead Grain Insects (maximum)</b>	5	5
<b>Field Insects (maximum)</b> Live or Dead, Grasshoppers, Woodbugs, Ladybirds, Armyworms, Pea/Native Weevils	15	15
<b>Whole Snail Shells (maximum)</b> Whole or more than half shells irrespective of size. Fragments Acceptable	2	2

## 2021/22 Field Pea Receival Standards



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Date: 1/09/2021

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	PKA1	PEA1	PEA2	PEAMIL	PFED1
<b>2. INFRATEC RESULTS</b>					
<b>Protein</b>	No Limit	No Limit	No Limit	No Limit	No Limit
<b>Moisture Content (maximum %)</b>	14.0	14.0	14.0	14.0	14.0
<b>3. 200 GRAM COUNT</b>					
<b>Animal Excreta</b> Consists of waste matter eliminated or separate from an organism	1	1	1	1	1
<b>Doublegees (maximum)</b>	5	5	5	5	15
<b>Pulses (maximum)</b> Chick Peas, Lupins, Faba Beans, Lentils, Vetches- remove from pods where applicable	10	10	15	15	20
<b>4. 200 GRAM ASSESSMENTS</b>					
<b>Screen: Faba Bean 3.75mm slots, shake until no more material passes through</b>					
<b>4.1 UNMILLABLE MATERIAL</b>					
<b>Unmillable Material (maximum %)</b>	0.30%	0.50%	0.50%	1%	0.50%
<b>Unmillable Material (maximum g)</b> Sand, Stones and Mineral Matter	0.6g	1g	1g	2g	1g
<b>4.2 FOREIGN MATERIAL WEIGH</b>					
<b>Foreign Material (maximum %)</b>	3.0%	3.0%	3.0%	3.0%	6.0%
<b>Foreign Material (maximum g)</b> All Unmillable material, all other vegetable matter other than field peas. Includes white milling field peas	6g	6g	6g	6g	12g
<b>4.3 POOR COLOURED AND DEFECTIVE FIELD PEAS</b>					
<b>Poor Colour Pulses (maximum %)</b>	1.0%	1.0%	1.0%	1.0%	15.0%
<b>Poor Colour Pulses (maximum g)</b> Seed coats with visible markings, dark brown to black in colour. Includes green kernels inside the seed coat	2g	2g	2g	2g	30g
<b>Defective Pulses (maximum %)</b>	3.0%	3.0%	7.0%	7.0%	15.0%
<b>Defective Pulses (maximum g)</b> All Poor Colour Peas, seeds that are broken, damaged, split, sappy, green, immature, shrivelled, distorted, insect damaged and sprouted	6g	6g	14g	14g	30g
<b>4.4 FOREIGN MATERIAL COUNT</b>					
<b>Ryegrass Ergot (maximum length)</b> Purple to black fungal body with white inside, hard and fractures easily	2 cm	2 cm	2 cm	2 cm	2 cm
<b>Severely Damaged Grains (maximum)</b> Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the seed coat.	1	1	1	1	1
<b>Dead Grain Insects (maximum)</b>	5	5	5	5	5
<b>Field Insects (maximum)</b> Live or Dead, Grasshoppers, Woodbugs, Ladybirds, Armyworms, Pea/Native Weevils (dead only - live are considered Contaminant)	15	15	15	15	15
<b>Whole Snail Shells (maximum)</b> Whole or more than half shells. Fragments Acceptable	1	1	1	1	1

## 2021/22 Lentils Receival Standards



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Date: 1/09/2021

NOTE: Not all grades are available at all sites

LENT1

LENT2

### 2. INFRATEC RESULTS

Protein	No Limit	No Limit
Moisture Content (maximum %)	14.0	14.0

### 3. 200 GRAM ASSESSMENTS

#### 3.1 DEFECTIVE, POOR COLOUR, CONTRASTING COLOUR & MOULD AFFECTED SEEDS

Defective Seeds (maximum %)	3.0%	5.0%
Defective Seeds (maximum g) Kernels that are black, broken, chipped, diseased, frost damaged, insect damaged, orange tip, sappy, shrivelled, split, sprouted, weather damaged and wrinkled. Includes broken and unbroken pods that contain Red Lentils, loose seed coat, 3% blondes (Aldinga only) and all Red Lentil seed material falling through the slotted screen.	6.0g	10.0g
Poor Seed Coat Colour (maximum %)	1.0%	3.0%
Poor Seed Coat Colour (maximum g) Excessive discolouration of the kernel, includes any disease, frost or water staining, green, brown, black, yellow, bleached and chalky white seed coats	2.0g	6.0g
Total Defective Seeds (Computer calculated) (maximum %)	4.0%	8.0%
Total Defective Seeds (Computer calculated) (maximum g) Includes poor seed coat colour and defective seeds but does not include Contrasting Colour and Mould	8.0g	16.0g
Contrasting Colour (maximum %)	1.0%	1.0%
Contrasting Colour (maximum g) Contrasting colour of the seed coat in the same variety, not classified as defective.	2.0g	2.0g
Severely Damaged Grains (maximum) Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the seed coat.	1	1

#### 3.2 FOREIGN MATERIAL, UNMILLABLE MATERIAL & SMALL FOREIGN SEEDS WEIGHT

Wheat Screen: 2.00mm slots, shake until no more material passes through (use 2.2mm for Aldinga variety)		
Foreign Material (maximum %)	3.0%	3.0%
Foreign Material (maximum g) All Unmillable material, all other vegetable matter other than lentils.	6.0g	6.0g
Unmillable Material (maximum %)	0.5%	0.5%
Unmillable Material (maximum g) Sand, Stones and Mineral Matter	1.0g	1.0g
Small Foreign Seeds (% by weight below the 2mm screen) Ryegrass, Canola, Turnip, Mustard	0.60%	1.20%

#### 3.3 FOREIGN MATERIAL COUNT/MEASURE

Cereal Seeds Wheat, durum, barley, oats, sorghum, triticale, cereal rye and maize	2	2
Type 3 Seeds (maximum) Vetch	Nil	Nil
Type 6 Seeds (maximum) Marshmallow pods, clover burr, medic, saffron thistle, radish pods	5	5
Type 7A Seeds - Other Pulses (maximum) Lupins, Green Lentils, Field Peas, Chick Peas and any other pulses	10	10
Field Insects (maximum) Live or Dead Woodbugs, Ladybirds, Armyworms, Pea/Native Weevils	15	15
Grasshoppers & Locusts Live or Dead	2	2
Snails (maximum) Dead or alive. Whole or substantially whole (more than half) including bodies.	1	1
Ryegrass Ergot (maximum length) Purple to black fungal body with white inside, hard and fractures easily	2 cm	2 cm

## 2021/22 Lupin Receival Standards Limits



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Date: 01/09/2021

<b>LUP1</b>	
<b>2. INFRATEC ANALYSIS</b>	
<b>Protein (%)</b>	No Limit
<b>Moisture Content (maximum %)</b>	14
<b>Temperature</b>	No Limit
<b>3. DEFECTIVE SEEDS ASSESSMENT 5 BLACK PLASTIC MEASURES</b>	
<b>Discoloured (maximum)</b> Seeds with a yellow to dark brown colour. Blue or green tinge lupins are acceptable	18
<b>Insect Damaged (maximum)</b> Seeds with any visible insect damage i.e. holes	60
<b>Fully Decoated/ Split Lupins (maximum)</b> The seed covering has been completely removed, 2 halves are counted as 1	60
<b>4. FOREIGN MATERIAL ASSESSMENT 200 GRAMS</b>	
<b>4.1 FOREIGN MATERIAL ASSESSMENT &lt;6 GRAMS</b>	
<b>Other Seeds/Foreign Material (maximum %)</b>	6%
<b>Other Seeds/Foreign Material (maximum g)</b> All non-lupin material plus Albus lupins, lupin plant and seed material, all other grains & weed seeds	12g
<b>4.2 FOREIGN MATERIAL ASSESSMENT &gt;6 GRAMS</b>	
<b>Shriveled/Distorted Seed (maximum%)</b>	3%
<b>Shriveled/Distorted Seed (maximum g)</b> Grains are smaller, severely distorted and/or shrunken. Seed coats may show discoloration.	6g
<b>Small Foreign Seeds (maximum %)</b>	2%
<b>Small Foreign Seeds (maximum g)</b> Ryegrass, Canary Seed, Turnip, Canola, Dock Seed, Radish Seed	4g
<b>5. 200 GRAM COUNT</b>	
<b>Severely Damaged Grains (maximum)</b> Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the seed coat.	1
<b>Type 1 Seeds (maximum)</b> Sunflower, Safflower, Variegated Thistle	1
<b>Type 2 Seeds (maximum)</b> Saffron Thistle	3
<b>Type 3 Seeds (maximum)</b> Doublegees	8
<b>Bitter Variety Lupins (maximum)</b> Includes bitter yellow lupins, blue lupins, Borre lupins. Identifiable by darker colour	2
<b>Yellow Lupins (maximum)</b> Variety of lupins with 'soybean' appearance	30
<b>Sappy Green Grains/Sprouted Lupins (maximum)</b> Sprouted Lupins have split seed coat and emerged root	5
<b>Field Insects (maximum)</b> (Live or Dead) Grasshoppers, Woodbugs, Ladybirds, Pea/Native Weevils, Army worms.	15
<b>Whole Snail Shells (maximum)</b> (Live or Dead) Fragments acceptable	5
<b>Dead Grain Insects (maximum)</b>	5
<b>Fungus Beetles (maximum)</b> Live or dead	1
<b>REMOVE AND WEIGH</b>	
<b>Unmillable Material (maximum)</b> Sand, Stones	0.2g
<b>REMOVE AND MEASURE</b>	
<b>Sticks</b>	
Maximum Length	3 cm
Maximum Diameter	1 cm
<b>Ryegrass Ergot/Lupin Sclerotes (maximum length)</b> Purple to black fungal body with white inside, hard and fractures easily	2.5cm



## 2021/22 Oats Receival Standards Limits



\*If you have any queries regarding these Receival standards, please contact your local CBH Quality Coordinator.

\*Copies of the most up to date Receival standards can be downloaded from LoadNet®.

Date: 18/10/2021

NOTE: Not all grades are available at all sites

	OAT1	OWAN1	OAT2	OAT3
<b>2. INFRATEC ANALYSIS</b>				
Protein (%)	No Limit	No Limit	No Limit	No Limit
Moisture Content (maximum %)	12	12	12	12
<b>3. HECTOLITRE WEIGHT</b>				
Weight (minimum kg/hl)	51	51	49	48
Weight (minimum grams)	255	255	245	240
<b>4. FOREIGN MATERIAL ASSESSMENT</b>				
<b>REMOVE AND COUNT</b>				
Type 1 Seeds (maximum) Doublegees, Saffron Thistle, Variegated Thistle, Safflower, Sunflower	1	1	1	1
Pulses (maximum) Lupins, Field peas, Chickpeas	1	1	1	1
Sappy Green Oat Grains (maximum) Sappy grains are soft when pressed, may or may not be green in colour. Dry green oats are acceptable	10	10	10	10
Severely Damaged Grains (maximum) Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the husk.	1	1	1	1
Whole Snail Shells (maximum) Live or dead, Fragments acceptable	2	2	2	2
Field Insects (maximum) Whole bodies, live or dead, counted per category				
Grasshoppers	5	5	10	10
Ladybirds	5	5	10	10
Woodbugs	5	5	10	10
Pea/native weevils	5	5	10	10
Army worms	5	5	10	10
Sprouted Oats (maximum) The shoot is visibly seen growing out from the germ	Nil	Nil	Nil	Nil
<b>REMOVE AND MEASURE</b>				
Sticks (maximum combined length)	6 cm	6 cm	6 cm	6 cm
Sticks (maximum diameter)	1 cm	1 cm	1 cm	1 cm
<b>REMOVE AND WEIGH</b>				
Unmillable Material (maximum grams) Stones in grams (to be added to any sand found in bottom tray after screenings)	0.3 g	0.3 g	0.3 g	0.3 g
<b>5. SCREENINGS</b>				
Screenings (maximum% of 1/2L) 2.0mm x 12.7mm Wheat Screen (20 Shakes) - ALL MATERIAL IN BOTTOM TRAY IS CAPTURED AS SCREENINGS	10	10	15	No limit
<b>6. BLACK PLASTIC MEASURE ASSESSMENTS (FROM BUCKET)</b>				
<b>6.1 ASSESSMENT USING 2 BLACK PLASTIC MEASURES (FROM BUCKET)</b>				
Septoria Affected (maximum) Mottled light and dark Septoria blotches covering more than 50% of the kernel (less than 50% coverage is considered Spotted/Mould Affected)	15	15	15	15
Heavily Discoloured Oats More than 50% of surface discoloured brown to black- not including Field Fungi or mould	72	72	72	72
Computer Calculated Heavily Discoloured/Septoria Affected	72	72	72	72
Spotted/Mould Affected Grey to black spotting covering more than 10% of kernel surface and any Septoria blotches covering less than 50% of the kernel	72	72	144	144
Type 4 Seeds (maximum) Wild Oats, Black/Brown Oats, Saia Oats, Drake seed, and any other weed seed not mentioned	3	3	10	10
Type 2 Seeds (maximum) Barley, Wheat, Triticale, Cereal Rye	7	7	28	28
Groats (maximum) Oats with the husk removed	72	72	72	144
<b>6.2 ASSESSMENT USING 5 BLACK PLASTIC MEASURES (FROM BUCKET)</b>				
Type 3 Seeds (maximum) Speargrass	18	18	18	18
Radish Pods (maximum grams)	0.3 g	0.3 g	1 g	1 g
<b>7. ASSESSMENT AFTER CAPTURING SCREENINGS</b>				
<b>7.1 SMUT AND DEAD GRAIN INSECTS</b>				
Dead Grain Insects (maximum)	10	10	10	10
Smut (maximum) Undersized light coloured grains with dark ends and occasional dark patches, when crushed there is a slight musty smell. Any piece of smut with a length or width greater than 1mm is considered 1 piece	20	20	20	20
<b>7.2 RYEGRASS ERGOT</b>				
Ryegrass Ergot (maximum length) Purple to black fungal body with white inside, hard and fractures easily	5 cm	5 cm	5 cm	5 cm
<b>7.3 SMALL FOREIGN SEEDS ASSESSMENT</b>				
Small Foreign Seeds (maximum) Ryegrass, Canary Seed, Turnip, Canola, Dock Seed, Radish Seed	2%	2%	2%	2%
<b>7.4 CANOLA</b>				
Canola (maximum % of 1/2L)	0.5%	0.5%	0.5%	0.5%
Small Foreign Seeds/Canola Combined (maximum % of 1/2L) Of which the Canola seed weight cannot exceed the Canola seed limits.	2%	2%	2%	2%
<b>7.5 UNMILLABLE MATERIAL</b>				
Unmillable Material (maximum grams) Grams of Sand and Stones - includes any unmillable material removed from 1/2L	0.3 g	0.3 g	0.3 g	0.3 g



## 2021/22 Triticale Receival Standards Limits



\* Direct any queries regarding these Receival standards to the local CBH Quality Coordinator.

\* Copies of the most up to date Receival standards can be downloaded from LoadNet®.

Date: 1/09/2021

<b>2. INFRATEC ANALYSIS</b>		TR11
<b>Protein (%)</b>		No Limit
<b>Moisture Content (maximum %)</b>		13
<b>3. HECTOLITRE WEIGHT</b>		
<b>Weight (minimum kg/hl)</b>		65
<b>Weight (minimum grams)</b>		325
<b>4. FOREIGN MATERIAL ASSESSMENT</b>		
<b>REMOVE AND COUNT</b>		
<b>Type 1 Seeds (maximum)</b> Doublegees, Lupins, Saffron Thistle, Variegated Thistle, Field Peas, Safflower,		1 of each
<b>Type 2 Seeds (maximum)</b> Barley, oats, drakeseed, black/ brown or wild oats, radish pods		50
<b>Sappy Green Grains/Sappy Green Material (maximum)</b> Sappy grains are generally soft when pressed.		10
<b>Severely Damaged Grains (maximum)</b> Mould, heat damaged/burnt or other serious visual defects. Grain appears dark brown or blackened, including under the husk.		1
<b>Field Insects (maximum)</b> Whole bodies, live or dead, grasshoppers, ladybirds, woodbugs, pea weevils, native weevils, bronzed field beetles and army worms.		15 of each
<b>Whole Snail Shells (maximum)</b> Live or dead, fragments acceptable.		1
<b>Sprouted (maximum)</b> The shoot is visibly seen growing out from the germ		10
<b>5. SPEARGRASS/TYPER 3 SEEDS</b>		
<b>SMALL SAMPLE TRAY COUNT PER 1 BPM - BEFORE SCREENING</b>		
<b>Speargrass (maximum)</b>		5
<b>Type 3 Seeds (maximum)</b> Wheat and cereal rye		10
<b>6. SCREENING AND UNTHRESHED HEADS COMBINED</b>		
<b>BOTTOM TRAY AND ABOVE SCREEN - ½ Litre (% by Weight)</b>		
<b>Screenings/Unthreshed Heads Combined (maximum)</b> Screenings/Unthreshed Heads Combined consists of ALL THE MATERIAL THAT FALLS INTO THE BOTTOM TRAY AND ANY UNTHRESHED HEADS FOUND IN THE GRAIN ABOVE THE SCREEN.		6
<b>7. RYEGRASS ERGOT/OTHER DEFECTS</b>		
<b>BOTTOM TRAY</b>		
<b>Ryegrass Ergot (maximum)</b> A purplish to black fungal body that is white inside, is hard and usually fractures easily.		5 cm
<b>Dead Grain Insects (maximum)</b>		10

# 2021/22 Wheat Receival Standards Limits



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 \* Copies of the most up to date Receival standards can be downloaded from LoadNet®.

Date: 1/09/2021

Quality Optimisation Grade subject to Rules and Limits - Yes /No (# =Optimisation out of only / not into)	H1	H2	APWN	APW1	APW2	ASW1	ANW1	ANW2	AUH2	AGP1	AUN1	AUW1	FED1	SEC1
YES#	YES	YES#	YES	YES	YES	YES	YES	YES	YES#	YES	YES	NO	NO	NO
<b>2. INFRA TEC ANALYSIS</b>														
Protein (minimum %)	13.0	11.5	10.0	10.5	10.0	No limit	9.5	No limit	11.5	No limit	No limit	10.5	No limit	No limit
Protein (maximum %)	-	-	11.5	-	-	-	11.5	-	-	-	-	-	12.5	12.5
Moisture Content (maximum %)	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
Temperature (°C maximum)	50	50	50	50	50	50	50	50	50	50	50	50	50	50
<b>3. HECTOLITRE WEIGHT</b>														
Weight (kg/hl) (minimum)	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	71.0	68.0	68.0	68.0	62.0	56.0
Weight (grams) (minimum)	370.0	370.0	370.0	370.0	370.0	370.0	370.0	360.0	355.0	340.0	340.0	340.0	310.0	280.0
<b>4. FOREIGN MATERIAL ASSESSMENT- HALF LITRE</b>														
Type 1 Seeds (maximum) Doublegees, Mexican Poppy, Parthenium Weed	8	8	8	8	8	8	8	8	8	8	8	8	8	No limit
Type 3a Seeds (maximum) Bathurst Burr, Caltrop, Cape Tulip, Thornapple	2	2	2	2	2	2	2	2	2	2	2	2	2	No limit
Type 3b Seeds (maximum) Vetch (Tare), Vetch (Commercial)	4	4	4	4	4	4	4	4	4	4	4	4	4	No limit
Type 3c Seeds (maximum) Heliotrope (Blue), Heliotrope (Common)	8	8	8	8	8	8	8	8	8	8	8	8	8	No limit
Type 4 Seeds (maximum) Bindweed (Field), Paddy Melon, Hexham Scent (Melilotus), Drake Seed, Skeleton Weed, Variegated Thistle, Nightshades	20	20	20	20	20	20	20	20	20	20	20	20	20	No limit
Type 5 Seeds (maximum) Pattersons Curse	40	40	40	40	40	40	40	40	40	40	40	40	40	No limit
Type 6 Seeds (maximum) Saffron Thistle	10	10	10	10	10	10	10	50	50	50	50	50	50	No limit
Type 7a Seeds (maximum) Chickpeas, Faba Beans, Lupins, Field Peas, Serradella Pods greater than 5mm in diameter	1	1	1	1	1	1	1	10	10	10	10	10	100	No limit
Type 7b Seeds (maximum) Barley, Oats, Wild Oats, Saia Oats, Triticale, Cereal Rye, Bindweed, Turnip Weed, Speargrass and any other seed not mentioned	50	50	50	50	50	50	50	150	150	150	150	150	400	400
Earth (maximum) (pea size pieces of earth by count)	1	1	1	1	1	1	1	3	3	3	3	3	6	6
Stones (Grams) (maximum) A stone is defined as mineral matter larger than 2mm in length or diameter.	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Insects - Large, dead or alive - Pea Weevil (dead only)(max.) Includes Rutherglen bugs, ladybirds, grasshoppers, locusts, Sitona weevils, woodbugs and any other field insect not damaging to stored grain	3	3	3	3	3	3	3	3	3	3	3	3	3	50
Pea Weevil Live (maximum)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Whole Snail Shells (maximum)	1	1	1	1	1	1	1	10	10	10	10	10	10	50
Severely Damaged (maximum) Mould, heat damaged/burnt or other serious visual defects. Grain appears reddish brown, dark brown or blackened	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Field Fungi (maximum) Visible discolouration of dark grey, brown to black in colour covering more than 50% of the kernel	10	10	10	10	10	10	10	10	10	10	20	20	40	100
Sprouted (maximum)* Grains on which the covering of the germ is split. *Falling Numbers result will override Sprouted result	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	No Limit	No Limit
Falling Number (minimum seconds) ** **Only loads with Falling Numbers ≥300 seconds are eligible for QO	300	300	300	300	300	300	300	300	250	200	250	250	62	No limit
<b>5. SCREENINGS</b>														
Screenings (maximum % of 1/2L) 2.0mm WHEAT SCREEN (40 shakes) - ALL MATERIAL IN BOTTOM TRAY IS CAPTURED AS SCREENINGS	5.0	5.0	5.0	5.0	5.0	5.0	5.0	10.0	10.0	10.0	25.0	25.0	15.0	No limit
<b>6. ASSESSMENT AFTER CAPTURING SCREENINGS</b>														
<b>6.1 BOTTOM TRAY FOREIGN MATERIAL</b>														
Cereal Ergot (maximum count) (all cereals except ryegrass ergot)	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Loose Smut (maximum count) Blackened pieces of backbone due to fungus development	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Earcockle (maximum count) Darkened, seed like nematode galls.	10	10	10	10	10	10	10	15	10	15	15	15	50	50
Insects - Small dead or alive / DEAD Stored Grain Insects (maximum) Includes all species of aphid, mites	10	10	10	10	10	10	10	10	10	10	10	10	10	200
<b>6.2. RYEGRASS ERGOT</b>														
Ryegrass Ergot (maximum length) Purple to black fungal body with white inside, hard and fractures easily	2 cm	2 cm	2 cm	2 cm	2 cm	2 cm	2 cm	2 cm	2 cm	2 cm	2 cm	2 cm	2 cm	2 cm
<b>6.3 SMALL FOREIGN SEEDS ASSESSMENT</b>														
Small Foreign Seeds (maximum % of 1/2L) Ryegrass, Canary Seed, Turnip, Canola, Dock Seed, Radish Seed, Serradella Seed	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	1.2	1.2	1.2	20.0
<b>6.4. SAND ANALYSIS</b>														
Sand (maximum count of granules)	20	20	20	20	20	20	20	50	50	50	50	50	50	100
<b>7. UNMILLABLE MATERIAL ABOVE THE SCREEN</b>														
Unmillable Material (maximum % of 1/2L) Whiteheads, radish pods, chaff, backbone, straw, serradella pods smaller than 5mm in diameter, milk thistle pods, crop stubble smaller than 1cm in diameter and 3cm in length remaining on TOP of the screen	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.2	1.2	2.6	2.6	2.6	15.0
<b>8. OTHER FOREIGN MATERIAL ASSESSMENT</b>														
Other Foreign Material (maximum % of 1/2L) Includes fine material (dust, soil & minerals), pieces of snail shells (less than 1/2), pieces of stored grain insects (not whole), pieces of insects large or small, sticks equal to or less than 0.5cm diameter and 1cm length and other non-vegetative material.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
<b>9. BLACK PLASTIC MEASURE ASSESSMENT (SCREENED GRAIN)</b>														
Pink Grains Only (maximum) Grains with distinct pink discolouration	10	10	10	10	10	10	10	25	10	25	25	25	25	25
Head Scab/White Grain Disorder (maximum) Grains appear white to light grey, may also contain pink discolouration - covers more than 50% of kernel surface	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Stained Grain Only (maximum) Distinct brown to black discolouration on the germ end or less than 50% of kernel surface	25	25	25	25	25	25	25	75	75	75	75	75	250	250
Sprouted (maximum)* Grains on which the covering of the germ is split. *Sprouted result is over ridden by Falling Numbers result	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	No Limit	No Limit
Dry Green, Sappy grains of wheat (maximum) Dry Green grains have a distinctively green surface and are usually dry and hard. Sappy grains are generally soft when pressed.	5	5	5	5	5	5	5	5	10	25	25	25	No Limit	No Limit
Insect Damaged (maximum) Grains eaten in part by grain insects and any field pest of wheat	5	5	5	5	5	5	5	10	5	10	10	10	20	20
Distorted wheat (maximum) Full sized kernels with little or no structure on both dorsal sides of the grain and are typically grey to blue in colour	5	5	5	5	5	5	5	5	10	50	50	50	No Limit	No Limit