

LENTIL CLEANING GRADE 2017/18



A cleaning grade will continue to replace the Number 2 grade for lentils, providing greater flexibility for growers delivering into Viterra sites for the 2017/18 harvest.

- The cleaning grade allows:
 - an increase in the maximum for total defective material to 11%
 - a higher tolerance for foreign seed contaminants.
- Tonnage deduction will be applied on a sliding scale (outlined below), depending on the defect or foreign seed contaminant found. Only one deduction will be applied to the load, whichever is highest.
- A cleaning fee will be charged to the buyer, which may then be reflected in prices back to the grower.
- **Changes from last season include:**
 - Increasing the tonnage deduction for weed seed type 3B (vetch) to better reflect losses when cleaning.
 - Loads which are frost damaged, shrivelled and wrinkled up to 5% will be accepted into the cleaning grade provided that the 8% defective (DG) level is not exceeded.

LENTIL CLEANING GRADE SCALE

CODE	Grade 1 Max	Cleaning Grade		
		Seeds counted versus % tonnes deduction	Seeds counted versus % tonnes deduction	Max Count
S1*	2	3 to 6 = 2%	7 to 10 = 3%	10
S2	NIL	NIL	NIL	NIL
3A	1	2 to 3 = 2%	4 to 5 = 4%	5
3B	1	2 to 3 = 3%	4 to 5 = 5%	5
3C	2	3 to 6 = 2%	7 to 10 = 3%	10
S4	5	6 to 15 = 2%	16 to 25 = 3%	25
S5	10	11 to 15 = 2%	16 to 20 = 3%	20
S6	3	4 to 9 = 2%	10 to 15 = 4%	15
7A	5	6 to 8 = 2%	9 to 10 = 3%	10
7B	5	6 to 12 = 3%	13 to 20 = 4%	20
7B (cereals)	1	2 = 3%	3 = 5%	3
7C	1	NA	NA	1
S8	50	NA	NA	50

Maximum total defective (TDG) limit for delivery into Viterra lentil cleaning grade is 11%.

Total defective limit (TDG)	0-4%	4.01-5%	5.01-6%	6.01-7%	7.01-8%	8.01-9%	9.01-10%	10.01-11%
% tonnage deduction	0 %	1%	1.5%	2%	3%	3.5%	4%	5%

Loads which are frost damaged, shrivelled and wrinkled up to 5% will be accepted into the cleaning grade provided that the 8% defective (DG) level is not exceeded.

Loads with poor colour seed coat between 1-3% will be accepted into the cleaning grade, tonnage losses will apply once the total defective limit is greater than 4%.

LENTIL Receival Standard Season 2017/2018

The lentils shall be of the CURRENT season and be hard and well filled. **NOTE: Viterra DO NOT have varietal segregations for all Lentil varieties.** The following standards are based on **Pulse Australia Standard CSP – 7.2.1** and apply to Lentil receivals for ALL clients delivering into Viterra.

Screen Sizes	Variety Type	Grade 1	Cleaning
All grades: 2.00mm x 12.70mm slotted	NIPT1 - Nipper Type/Small - Herald, Hurricane, Nipper NUGT1 - Nugget Type/Medium - Ace, Blitz, Bolt, Nugget, Jumbo, Jumbo2 LR1 - Large Red - Jumbo, Jumbo2 FLA1 - Flash variety only	NIPT1 NUGT1 LR1 FLA1	NIPTC NUGTC LRC FLAC
TEST CATEGORY	CODE	LIMIT	
Purity	% min by weight	97.0	95.0
Test Weight	This is the sample weight grams TW	100	
Moisture	% max MO	14.0	
Total Defective Material of which	% max by weight TDG	4.0	11.0
Defective of which	% max by weight DG	3.0	8.0
Frost Damaged, Shriveled, Wrinkled	% max by weight WR	of which	5.0
Varietal Restriction	% max by weight VA	1.0	1.0
Poor Colour Seed Coat	% max by weight PCS	1.0	3.0
Poor Colour Kernel	% max by weight PCK	1.0	1.0
Contrasting Colour (Seed Coat Only within Blitz, Herald and Hurricane Variety)	% max by weight CON	1.0	1.0
Mould (Field or Storage), Caked, Bin Burnt, Heat Damaged	% max by weight MSP	0.5%	
Foreign Material of which	% max by weight TF	3.0	5.0
Unmillable Matter of which	% max by weight SA	0.5	
Soil/Earth	% max by weight EAP	0.3	
Stones - part of Unmillable Matter (SA)	Max Count / 100 grams SE	Record the number - but ensure they don't exceed the 0.5%.	
Snails - Round or Conical LIVE OR DEAD	Max Count / 100 grams SNL	1	
Field Insects LIVE OR DEAD	Max Count / 100 grams FI	8	
Grasshopper / Locusts	Max Count / 100 grams LO	1	
Ryegrass Ergot	Max length of all pieces laid end to end RE	1 cm	
Small Foreign Seeds – see CCM Section 18 for complete list	% max by weight SS	0.6	
Foreign Seed Contaminants			
Tolerance applies to whole seeds or their equivalent in pieces count per 200 grams. Tolerances stated in the table refer to the total of all seeds named in each type, *EXCEPT for Type 1 which are tolerances for individual seeds.			
		CODE	COUNT
Type 1*	Colocynth, Double Gees/Three Cornered Jack, Jute, Long Head Poppy, Mexican Poppy, New Zealand Spinach, Parthenium Weed, Poppy (Field), Poppy (Horned), Wild Poppy	S1*	2 10
Type 2	Castor Oil Plant, Coriander, Crow Garlic / Wild Garlic, Darling Pea, Opium Poppy, Ragweed, Rattlepods, Starburr, St. John's Wort	S2	NIL NIL
Type 3(a)	Bathurst Burr, Caltrop/Cats head/Bulls head, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	3A	1 5
Type 3(b)	Vetch (tare and commercial)	3B	1 5
Type 3(c)	Heliotrope (blue and common)	3C	2 10
Type 4	Bindweed (Field), Cutleaf Mignonette seeds, Darnel (Drake seed), Hexham Scent (Melilotus) ¹ , Hoary Cress, Mintweed, Nightshades, Paddy Melon, Skeleton Weed, Variegated Thistle ¹ Hexham scent may only be received if there is no discernible tainting odour imparted on the grain	S4	5 25
Type 5	Knapweed (Creeping), Knapweed (Russian), Salvation Jane/Pattersons Curse, Sesbania Pea	S5	10 20
Type 6	Colombus Grass, Johnson, Grass, Saffron Thistle, Clover (Pods), Lucerne (Pods), Marshmallow (Pods), Medic (Pods), Muskweed (Pods), Wild Radish (Pods), Trefoil (Pods) (Pods refer to whole pods or part thereof)	S6	3 15
Type 7(a)	Chickpea, Corn, Cowpea, Broad Bean, Faba Bean, Lupin, Maize (where applicable), Pea (Field), Soybean, Mungbean	7A	5 10
Type 7(b)	Bifora Testiculata, Bindweed (Australian), Bindweed (Black), Brome Grass, Oats (Black or Wild), Oats (Sand), Rye Grass on Stalk, Sheep Weed, Three Horned Bedstraw, Turnip Weed and all other foreign seeds not listed and not part of small seeds	7B	5 20
Of which	Barley(2 row), Barley (6 row), Durum, Oats (Common), Rice, Rye (Cereal), Sorghum (Grain), Triticale, Wheat	FG	1 3
Type 7(c)	Safflower, Sunflower	7C	1 1
Type 8	Bellvine	S8	50 50
Objectionable Material	Entire Load		
<ul style="list-style-type: none"> Free from animal excreta, rodents (live or dead), live stored product insect pests Any toxic and / or noxious weed seeds prohibited by state laws against inclusion in stockfeed Any tainting agents and / or contaminants imparting an odour not normally associated with that pulse, any commercially objectionable odour / or an odour not normally associated with the pulse. Ergot of any commodity except ryegrass ergot (for which a tolerance may apply) Any other commercially unacceptable contaminant such as glass, metal, fertiliser, concrete. 	OM	NIL	
Chemical Residue	Entire Load		
Any chemical not registered for use on pulses, in excess of legal tolerances or chemicals in excess of the MRL (refer information on the declaration)	CR	NIL	