

LENTIL CLEANING GRADE

A cleaning grade will replace the Number 2 grade for lentils, providing greater flexibility for growers delivering into Viterra sites for the 2016/17 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.

LENTIL CLEANING GRADE SCALE

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

Total defective limit (up to)	4%	5%	6%	7%	8%	9%	10%	11%
% tonnage deduction	0 %	1%	1.5%	2%	3%	3.5%	4%	5%

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%.

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 = 2%	4 to 5 = 4%	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
FG	1	2 = 3%	3 = 5%	3
7C	1	NA	NA	1
S8	50	NA	NA	50

LENTIL Receival Standard Season 2016/2017

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		
	Instrument Conversion	Infratec Lentil			
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	% max by weight	DG	3.0 8.0		
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	SNR/SNC	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		Count per 100 grams	*Type 1 Individual Seed Basis	NO.1	CLEANING
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/Patterns 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	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	<ul style="list-style-type: none"> • Free from animal excreta, rodents (live or dead), live stored product insect pests • Any chemical not registered for use on pulses or in excess of legal tolerances or in excess of the MRL, pickling compounds / seed dressings or any fungicide added to the pulse as a seed dressing. • 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