

Technical datasheet PELLET LECTUM 6.3 – Professional bedding for poultry



Product info

Pelet Lectum is produced by Vivena-Natura company. It is manufactured by extruding wheat straw in high pressure & high temperature. First it comes out of pressing in pellets (Ø6mm, length <15mm). Second manufacturing cell is crushing pellet with special machine equipped with precise rollers and with dust removal unit.

Product ingredients

Quality selected wheat straw, from local farmers, without any contamination and strictly controlled moisture.

Packing

The finished product is available in non-airtight paper or plastic 5, 15 and 25kg bags, 500kg and 1000kg BigBag and bulk, loaded directly into trucks from a silo or low-rise store.

Storing & dispatch

Product have to be stored & transported in cool and dry conditions, secured from moisture and contamination especially biological (fungus & molds).

Usage tips

Product is intended for poultry bedding. Recommended usage quantity should be adjusted to individual conditions and breeding technology. Average usage is 1-2 kg/m². Before populating poultry house it is recommended to disinfect bedding with appropriate chemical products.

Test results

(according to 1277/1/Z/2019 z LAB-VET)

Test for pathogen:	Result	Test method
Salmonella in 25 g	absent	PN-EN ISO 6579-1:2017-4
The total number of microorganisms in ccu*/1g	1,3x10 ³	PN-EN ISO 4833-2:2013-12 (Annex A)
The number of mold and yeast w ccu*/1g	1,0x10 ²	PN-ISO 21527-2:2009+

*-ccu – colony creating unit

General characteristics:

- High hygiene – Lectum animal bedding is produced from selected cereal straw (mostly wheat straw). It is thermally processed to the temperature above 90°C. Due to this process, it contains only traces of mould and very few microorganisms. Heat treatment in a high temperature causes that the colour of the bedding is slightly darker, but the most important is safety of your poultry!
- Moisture absorption capacity – higher absorbency prevents from soaking and forming crust. To give an example: 100kg sawdust absorbs about 180kg of water, wheat straw (cut) about 250kg of water and Lectum at least 370kg of water. The high absorbency is achieved due to straw extrusion, which changes its structure so that water is absorbed through the ends of long fibers rather than their whole surface.
- Softness and resilience – prevents animals from injuries.
- Lack of dust – dust triggers respiratory infections. Lectum is dedusted during its production and shredding, which minimizes the risk of respiratory infections in animals.

Advantages of Lectum 6.3:

- reduced number of alphetobius diaperinus,
- decreased rate of FPD (footpad dermatitis),
- better quality of life weight in a slaughterhouse,
- high absorbency of the animal bedding (up to 370%),
- better weight gain,
- no straw storage costs,
- easy to distribute (saves the time),
- less risk of getting bird flu,
- a natural and eco-friendly product, no additives or binders.

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