

## Technical datasheet PELLET LECTUM 6.6 – Professional bedding for animals



### Product info

Pellet Lectum is produced by Vivena-Natura company. It is manufactured by extruding wheat straw in high pressure & high temperature. It comes out of pressing in pellets (Ø6mm, length <15mm).

### 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

Lectum 6.6 is mainly used for cattle. It can be also used for pets, cats and rodents. Some breeders are happy to use it for their horses. Due to Lectum 6.6 your animals are kept as hygienic as possible, it reduces ammonia smell, it's time efficient when distributing the bedding and reduces your workload. The applied amount of Lectum 6.6 depends on individual technology of breeding and intended use.

### 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 <sup>3</sup>	PN-EN ISO 4833-2:2013-12 (Annex A)
The number of mold and yeast w ccu*/1g	1,0x10 <sup>2</sup>	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 animals!
- 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.
- Lack of dust – dust triggers respiratory infections. Lectum is dedusted during its production, which minimizes the risk of respiratory infections in animals.

## Advantages of Lectum 6.6:

- the product is easy to distribute,
- saves your time,
- the most absorbent bedding on the market (up to 370%),
- no straw storage costs,
- natural and eco-friendly product, no additives and binders,
- does not contain harmful phenol,
- horse manure composted on Lectum is a perfect fertilizer which does not cause soil acidification which happens in case of sawdust.

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