

horsilage®

Premium lucerne silage for horses



- 100% Dust Free
- More nutrients than lucerne hay
- More digestible than lucerne hay
- Resembles a horse's natural diet
- Horses love the taste
- Safe for horses
- Easy to transport and store



What is horsilage®?

horsilage® is premium lucerne forage conserved as small brick silage for horses.

100% of the lucerne used to make **horsilage®** is grown and cut from the fertile black soil of the Liverpool Plains around Quirindi, NSW.

horsilage® is sold in a cardboard box containing 2 x 10 L fully sealed plastic bags.



Benefits

Premium nutrient value:

horsilage® contains **more nutrients** than hay and University studies¹ show that **silage** is **more digestible** than hay.

No dust: University studies^{2,3,4} show that feeding high moisture forages like **horsilage®** reduces the amount of dust in a horse's environment, **lowering the risk of respiratory disease**. It also makes it pleasant to handle.

Long fibre length: encourages the horse to chew and produce saliva which helps to **maintain normal gut health and function** as well as **reduce boredom**.

Low non-structural carbohydrate (NSC) level: **horsilage®** contains just **2.5% NSC** on an as fed basis, making it perfect for horses that are prone to laminitis.

High moisture content: it **resembles a horse's natural diet** of moist pasture and helps to **keep horses hydrated**, especially when away from home.

Palatable: once horses get used to the new taste of **horsilage®**, University studies^{5,6} suggest they will eat it in preference to hay.

Easy to transport and store: The **horsilage®** box means it is easy to move and pack away.





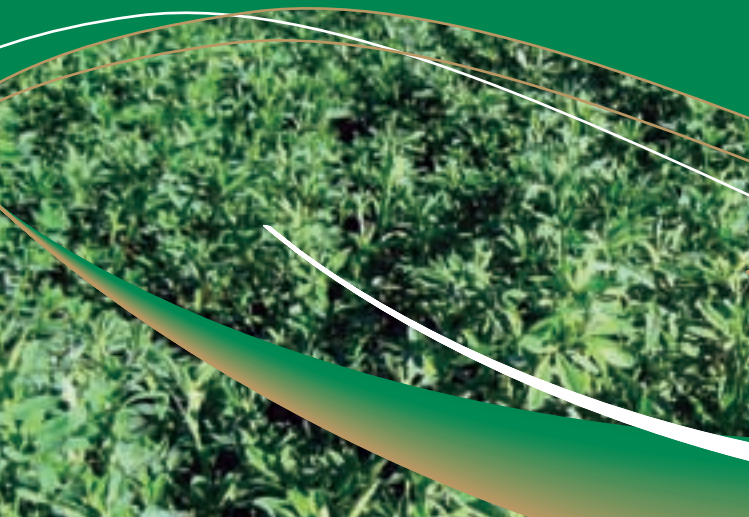
Feeding directions

horsilage® should be fed as part of a balanced diet. Introduce **horsilage®** into your horse's diet slowly over a period of 7 to 14 days.

The following amounts can be fed per day (based on a 500 kg bodyweight):

Spelling Horses	up to 1.5 kg/day
Working Horses	up to 3 kg/day
Pregnant Mares	up to 2 kg/day
Lactating Mares	up to 4 kg/day
Show Horses	up to 2 kg/day
Weanlings/ Yearlings	up to 1 kg/day
Horses needing to gain weight	up to 4 kg/day

Adjust the amount being fed according to your horse's bodyweight, body condition and current activity level.



Nutrients

Manuka **horsilage**® contains the following nutrients (on an as fed basis):

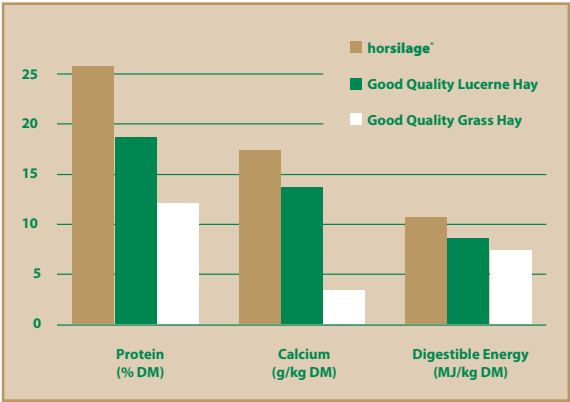
Nutrient	Amount	Nutrient	Amount
Dry Matter	42 %	Potassium	7.2 g/kg
DE*	4.4 MJ/kg	Sodium	1.0 g/kg
Protein	10.9 %	Chloride	3.4 g/kg
Est Lysine	5.5 g/kg	Copper	4 mg/kg
NSC*	2.5 %	Zinc	12 mg/kg
Calcium	7.3 g/kg	Manganese	27 mg/kg
Phosphorous	1.3 g/kg	Iron	322 g/kg
Magnesium	2.5 g/kg	Cobalt	0.27 mg/kg

*DE = Digestible Energy ; NSC = Non-structural carbohydrates

horsilage® also contains Vitamins A, E, and the B-group vitamins.

Comparioson with hay

horsilage® has **more nutrients than good quality hay**. The graph below shows the higher protein, calcium and energy content of **horsilage**® when compared to good quality lucerne and grass hay.



In addition, the **nutrients in silage are more digestible for horses** than the nutrients in hay.

A British study¹ found that silage was 61% digested, versus hay which was only 39% digested by ponies. Likewise, 66% of protein was digested from silage while only 20% was digested from the hay.

Do horses like it?

Yes.
Horses like silage and seem to prefer it over traditional hay. A study conducted in Sweden in 2006⁵ showed that **horses chose silage as their first choice in forage** more than 85% of the time and that horses never left silage in favour of other forages like hay.

Likewise, studies conducted in England⁶ showed that **horses voluntarily consumed more haylage** (a high moisture forage like silage) in comparison to hay suggesting that they preferred the haylage.

horsilage® smells and tastes very different to traditional hay and chaff. It can take up to one week before a horse will eat all of the **horsilage**® it is fed.

Is it safe?

Yes. Manuka Chaff Pty Ltd pay a lot of attention to quality control to ensure **horsilage**® is safe for your horses.

horsilage® is baled at correct moisture levels to allow a rapid drop in pH. It is this lowered pH of the **horsilage**® that prevents any growth of harmful bacteria, including *Clostridium botulinum*, the bacteria that make the botulism toxin.

Manuka **horsilage**® is routinely monitored for mould and mycotoxin contamination to ensure it is safe for your horse.

The unique double packaging of **horsilage**® also helps to maintain product quality and safety.

Great for...

- **Thin or old horses** who **need to gain weight**.
- **Performance horses** and **breeding mares** with high nutrition needs.
- Horses with **dust allergies** or **respiratory disease**.
- Horses **prone to laminitis** that need to be fed a **low NSC** (sugar) diet.
- Horses **travelling** or **not drinking well** when away from home.
- **Endurance horses** needing **calcium** and **hydration** during competitive rides.

At a glance

- Premium lucerne silage for horses.
- Produced under strict quality control procedures.
- Available in a 20 L box containing 2 x 10 L fully sealed bags.
- More nutritious than good quality lucerne hay.
- More digestible than good quality lucerne hay.
- 100% Dust Free - won't cause respiratory disease.
- Low non-structural carbohydrate level (2.5%).
- Closely resembles a horse's natural diet of moist pasture.
- Horses love the taste.
- Suitable for horses prone to laminitis.

Contact us

For more information about **horsilage**® or any of our other premium products, please contact, David or Martin Wallis at Manuka Chaff Pty Ltd.

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