Extend the life of your bedding.

Stall Set-up Guide

1. When using EnviroEquine bedding, the daily and weekly care of your stall is very different to using other bedding materials. Less is more with EnviroEquine bedding.

2. By changing the way you clean stalls, you’ll be able to keep your horses more comfortable and healthier, while also extending the life of your bedding.

3. Many horse owners have reported saving up to a third on the cost of bedding when they have switched to using EnviroEquine bedding.

LAYING THE BEDDING

It usually takes about 6 to 8 bags of EnviroEquine bedding to create the initial bed in a typical 12’ by 12’ stall. It is important to ensure that the bed is deep enough.

Then, sprinkle the EnviroEquine bedding with water - about 1 gallon of water for each bag used. The purpose of this is to activate the bedding's sponge-like properties. You will soon get to know how much water to apply as you’ll realise the hemp bedding is highly absorbent.
**MAINTENANCE STEP 1**

Every day, make sure you pick out the manure from the stall. A good shavings fork will remove the droppings from the top of the bed or you can also use a shovel as this avoids digging the bed up and reduces the amount of bedding taken out.

Generally, you will be able to pick out almost entirely manure with hardly any wasted bedding. Your wheelbarrow should contain 99% manure and only a tiny bit of bedding.

**IMPORTANT:** You do not need to sift through all the bedding in the stall at this stage. It is important that you do not churn up all the bedding as it prevents it from doing its job properly.

At this stage, do not dig deep into the bed or look for wet spots after droppings are removed. Simply sweep the bedding back into any spots that you uncovered and stamp it down. Any wetness that has risen to the surface can be pushed down and dry bedding can be placed on top.

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**MAINTENANCE STEP 2**

Every 5 to 10 days, scrape the top dry layer off to reveal the wet spots underneath. If the base is BROWN, you don’t need to scoop it out yet. Put the dry bedding back over the spots and leave for a few more days – brown bedding is still absorbing and is what gives you the perfect bedding base.

If the wet layer is RED, it’s time to remove it. Scrape any dry bedding away from this patch, and remove the saturated bedding. You should have no more than half to a full wheelbarrow. Only take out the red patch, the rest of the dry base layer should be left intact.

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**MAINTENANCE STEP 3**

Put the dry EnviroEquine bedding or any brown bedding back in the patch you just removed, press down to form a new base, and top up with a fresh bale, if required.

**TIP 1:** It’s a good idea to pull a bank down into the main bed, and use the new bedding to create a new bank as this keeps the new bedding fresh for a longer time. EnviroEquine bedding should save a lot of time if managed correctly, and you should use no more than one bale per week even with the messiest of horses.

**TIP 2:** If your bed turns brown at the surface, you may not have allowed the base to settle sufficiently, or may have dug the bed up too much, which has brought the brown up to the surface. Push the brown bedding back to the base of the bed and pull clean bedding on top. Then, follow the previous steps.

**REMOVAL**

In the manure pile, EnviroEquine bedding will rot down to nutritious compost in record time. This means smaller muck heaps that farmers or manure collectors have to take away!

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**STILL HAVE QUESTIONS?**

For more information, visit us online at enviroequine.com or facebook.com/enviroequine. Please follow us online for regular updates from our partner athletes, loyal customers and for chances to win bedding for your animals.
A Quick Comparison of Bedding Choices

Enviro Equine Bedding vs. The Rest

The bedding used in equine stables plays a large role in the overall air quality, the ease with which the stable is managed as well as the way in which used material is disposed. It is important to select a bedding that is hygienic, economic, absorbs ammonia, decomposes quickly with manure and has minimal environmental impact.

Straw is the traditional bedding of choice, however straw is known to harbor high levels of fungal spores and may contain more respirable dust than wood shavings. As a result, wood shavings (most commonly pine) and, in some locations peat moss, have become very popular bedding materials. However, many horses have allergic sensitivities to pine shavings and peat can be a source of many different groups of fungi.

Our bedding is a unique bedding product made from hemp shives/hurds (center part of the stem) and has been used in Europe and recommended by vets for over 30 years.

Highly absorbent (Table 1) and virtually dust free due to a unique dust extraction process, this bedding traps ammonia and provides a safe, hypo-allergenic environment for stabled horses. Hemp is noted to be more absorbent (Table 1) and easier to clean than wood shavings and shredded paper bedding. An added benefit is the reduced time spent cleaning stalls due to the ease with which the clean and dirty bedding can be separated. Hemp results in lower amounts of bedding manure per horse per year compared to other popular forms of bedding (Table 2), which is vital in situations where waste storage and removal are limited and costly. Unlike wood shavings and peat moss, hemp is an annually renewable resource, making it one of the most environmentally sensitive bedding choices available on the market today.

EnviroEquine bedding is a cost effective, absorbent, low waste, hygienic, bedding alternative for your horses.

### TABLE 1: RELATIVE AMMONIA AND WATER HOLDING CAPACITY OF DIFFERENT BEDDING MATERIALS.

<table>
<thead>
<tr>
<th>BEDDING MATERIAL</th>
<th>RELATIVE AMMONIA ABSORPTION AT 17.4°C</th>
<th>WATER HOLDING CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mean (n=3) Std. Deviation (n=3)</td>
<td>Mean (n=3) Std. Deviation (n=3)</td>
</tr>
<tr>
<td>Peat Moss</td>
<td>100 0</td>
<td>14.8 0.97</td>
</tr>
<tr>
<td>Sawdust</td>
<td>64 0</td>
<td>9.7 0.28</td>
</tr>
<tr>
<td>Hemp</td>
<td>60 0</td>
<td>22.5 0.53</td>
</tr>
<tr>
<td>Shredded Newspaper</td>
<td>52 0</td>
<td>27.2 3.43</td>
</tr>
<tr>
<td>Wood Chips</td>
<td>44 11.1</td>
<td>31.9 3.72</td>
</tr>
<tr>
<td>Long Straw</td>
<td>4 11.3</td>
<td>69.7 10.01</td>
</tr>
</tbody>
</table>

Adapted from: Airaksinen S, Heinonen-Tanski H, Heiskanen ML. (2001)
TABLE 2: ANNUAL AMOUNT OF BEDDING MANURE PRODUCED PER HORSE WHEN STABLED ON DIFFERENT TYPES OF BEDDING.

<table>
<thead>
<tr>
<th>BEDDING MATERIAL</th>
<th>BEDDING MANURE/HORSE/YEAR (M³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hemp</td>
<td>9.1</td>
</tr>
<tr>
<td>Peat Moss</td>
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<td>Wood Chips</td>
<td>12.4</td>
</tr>
<tr>
<td>Long Straw</td>
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</tbody>
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Equine Asthma?

Make EnviroEquine Bedding Part of Your Solution.

Severe equine asthma is estimated to plague approximately 14 percent of horses in the northern hemisphere. With accumulation of mucus in the horse’s airway, this inflammatory airway disease (IAD) is performance limiting and potentially debilitating.

Unlike the heart or muscle, lung function is not improved by conditioning. Therefore, breathing is considered to be the limiting factor for performance. Any reduction in lung function has severe consequences for both health and performance. While the pathogenesis of IAD is not fully understood, it is generally accepted to be the result of multiple contributing factors that vary depending on the horse’s environment, husbandry, location and season. Stabling of horses is known to be a risk factor for IAD due to the exposure to high levels of airborne particles, including dust, endotoxins, fungi, mold, ultrafine particles and noxious gases. Many of these can be associated with the bedding used in the horse’s stable.

Choice of bedding material is especially important for horses kept in cold climates where they may be kept indoors with poor ventilation. Many traditional forms of bedding such as straw, as well as alternatives such as peat, have been shown to result in high levels of fungal, dust and bacterial contamination. EnviroEquine bedding is a unique bedding product made from hemp shives/hurds (center part of the stem) that has been used in Europe and recommended by vets for horses with respiratory conditions for over 30 years. Highly absorbent and virtually dust-free, this bedding traps ammonia and provides a safe, hypo-allergenic environment for stabled horses. Research has shown that hemp shives/hurds have significant ability to limit the growth of E. coli and therefore may be of benefit for use in veterinary hospital settings.

EnviroEquine is the market leader in hemp bedding for horses and is known for its product quality and consistency.

1. It is notably lighter in color than other sources of hemp bedding, signifying its mold free status.
2. Dust is extracted during production to ensure that it is virtually dust-free.
3. Particles are measured for consistent granulometry.
4. This cost-effective, low-waste, highly-compostable bedding is an excellent tool in managing equine respiratory health.

Resources


