

FACTS ABOUT MUD *in Livestock Production*

According to the University of Kentucky...



*“The creation of mud costs livestock producers profit and negatively impacts returns. Livestock that walk through mud require **more feed** for energy but actually **eat less.**”*

“Geotextile fabric creates a separation between the rock and soil interface, providing integrity and extending the life of the pad. It also provides reinforcement by distributing loads over a larger area, and filters water through while keeping soil intact.”

<https://efotg.sc.egov.usda.gov/references/public/TN/HeavyUseArea030404final.pdf>

According to the USDA...



“A nonwoven needlepunched geotextile, with a minimum weight of 6 oz is recommended for heavy use area protection.”

<https://efotg.sc.egov.usda.gov/references/public/TN/HeavyUseArea030404final.pdf>

TABLE 1: The following table can be used for feedlot performance projections according to mud conditions:

LOT CONDITION	GAIN REDUCTION
No Mud	0%
Dew Claw Deep	7%
Shin Deep	14%
Below Hock Deep	21%
Hock Deep	28%

<https://u.osu.edu/beef/2001/06/13/feedlot-mud-management/>

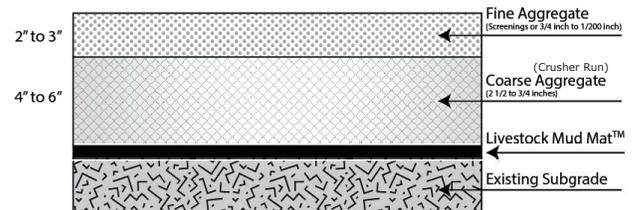
TABLE 2: Actual Effects of Mud on Cattle:

Mud Depth (in.)	Total Feed Required (%)	Feed Intake (%)	Daily Gains (%)
4-8 in.	+12-13%	-8 to -15%	-14%
12-24 in.	+20-25%	-30%	-25%

<http://www2.ca.uky.edu/agcomm/pubs/aen/aen115/aen115.pdf>

SOLUTION: Livestock Mud Mat™

- Provides separation between the ground and the aggregate, and thus prevents the intermixing of the two and extends the life of the cover material.
- Delivers immediate support and load distribution, thus preventing ruts or 'sinking in the mud'.
- It has high strength for durability and high permittivity properties promote drainage.
- Manufactured from 100% polypropylene fibers that have been needle-punched and heat-set for stability, and effectively distribute weight to prevent rutting in livestock concentration areas.



***NOTE:** 1-layer pads can consist of 6 to 8 inches of fine aggregate material.

Illustration Provided by the USDA

<https://efotg.sc.egov.usda.gov/references/public/TN/HeavyUseArea030404final.pdf>



Product User Reviews...

“If you dig out your mud areas put down this fabric (below soil level) put a layer of large rocks on it to hold it down and drainage. Then you put about 4 to 6 inches of smaller rock on top. **Put this in your heavy use areas and I tell you it is a dream come true.** The plus is that it creates rock crushing hooves too!”

- Horse Farm Owner, TN

“I put it under ABC stone in my ring and paddock, and have been **thrilled at my mudlessless there...this was 5 or 6 years ago.**”

- wildwoodfarmnc.com

“Once the horses stomp the fines flat, it hardens into a nice solid surface. I have no trouble with mud and it is easy to remove the manure from the surface. It's not cheap but it is **very effective.**”

- Horse Farm Owner, Mid-Western U.S.

“I really like the fabric as a solution, have found it **valuable in helping prevent mud.**”

- Farm Owner, MI U.S.

Source: Taken from a Blog Posting on <https://www.chronofhorse.com>

Why Carthage Mills?

- We've been a trusted manufacturer of these materials for over 60 years!
- Our Livestock Mud Mat™ is a nonwoven needlepunched geotextile, with a minimum weight of 6oz, and therefore meets what the USDA recommends.
- Our material is conveniently available from a nationwide network of warehouses.



How to Get Started

- 1 Determine the size of the area that Livestock Mud Mat will be used for
- 2 Give us a call, we'll help you determine how many rolls of products you need and we'll give you a quote that includes shipping, or direct you to the nearest distributor!

We're Ready for Your Questions?

Call Today!

800.543.4430

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