

2018 EquiBrew Laminitis Case Study Group Report



Before



After

Introduction

Since the launch of EquiBrew in August of 2014, horse owners have reported a range of positive effects including calmer, quieter horses, improvements to overall condition, improvements to coat/skin condition, control of diagnosed or suspected ulcers, reduced stereotypic behaviors (windsucking, etc.), and improved freedom of movement.

Also reported was a range of improvements in horses suffering from laminitis and founder.

EquiBrew is unique in the marketplace. It is a fresh fermentation product with a limited shelf life that contains high numbers of live, active probiotic microbes (minimum 10^9 CFU/dose lactobacilli) and a complex of metabolites including beneficial organic acids.

We assert these unique characteristics are responsible for the effects described below.

Method

In October 2018, we invited horse owners via Facebook to participate in a case study group for horses suffering from laminitis/founder.

Participants were self-selected. They agreed to follow the case study protocol, take before and after photographs, and diligently complete online survey forms.

Horses included in the trial received 250ml EquiBrew daily for 16 days with the product mixed into feed and the dose split if feeding twice or more daily.

We asked participants to record the severity of their horse's laminitis/founder, body condition, overall skin condition, freedom of movement, and



mood/demeanor.

Participants used the Henneke* horse body condition scoring system, a system of visual assessment with scores ranging from 1 to 9 and this same scale (1-9) was used to score the other four categories, i.e., laminitis/founder, overall coat/skin condition, freedom of movement, and mood, with 1 being terrible and 9 being near perfect.

*(http://en.wikipedia.org/wiki/Henneke_horse_body_condition_scoring_system)

Seventeen participants completed the course of product administration and completed the start and finish surveys along with before & after photographs recording their observations.

Results

15 of the 17 participants reported improvements in their horse's laminitis/founder, 2 reported no change with laminitis/founder (although both reported improvement in other areas), and no horse fared worse.

At the end of day 30 scores had **improved** on average:

- **Laminitis:** **3.8 to 6.2**
- **Skin/coat:** **4.9 to 7.0**
- **Movement:** **3.4 to 6.1**
- **Mood:** **4.7 to 7.1**

Table 1

Laminitis		BCS		Coat/Skin		Movement		Mood/Demeanor	
Before	After	Before	After	Before	After	Before	After	Before	After
2	4	5	6	5	6	2	3	2	3
6	8	7	7	7	9	3	8	7	9
3	9	6	5	3	8	2	9	2	9
3	8	7	5	5	7	3	8	3	9
3	4	6	6	3	5	3	4	4	5
4	5	5	6	6	6	3	3	6	6
5	5	7	6	8	8	5	5	6	7
7	7	6	6	7	7	4	6	6	8
3	8	5	5	2	7	4	9	4	8
3	5	7	7	4	6	4	7	5	7
3	6	8	8	6	7	4	5	4	7
5	7	4	5	4	8	4	7	4	8
3	6	5	6	5	7	4	6	6	6
3	5	7	7	6	8	3	7	3	7
5	6	4	5	3	6	3	5	7	7
3	6	4	6	5	7	3	7	5	7
4	7	6	6	5	7	3	5	6	8
3.8	6.2	5.8	6.0	4.9	7.0	3.4	6.1	4.7	7.1
P>0.00005		NS		P>0.00005		P>0.00005		p>0.0001	

* p values were obtained via a paired two sample t-test

NS = not statistically significant @ p<0.05

Conclusion

Administration of EquiBrew improved the laminitis/founder, coat/skin condition, freedom of movement, and mood of horses suffering from laminitis/founder.

Administration of EquiBrew also produced other reported effects considered beneficial by participants but this project did not investigate or formally score these effects.

Comments from Case Study Group Participants

“Thank you very much! I bought extra EquiBrew and have been using it successfully on my other laminitic spelling Tb racehorse. Caught early (obese on grass, sore footed and slightly back on heels) and is resolved and flexible in crest now and walking 100% again. Plus the two ponies for maintenance as one is elderly and previously foundered and more prone and other a young tubby that never has and would like to keep it that way! Thank you, really liking your product and will look into LiveBrew too.”

“Darci really loves EquiBrew!”

“Vastly improved since we started the trial he is now back in light work and very happy. Magic is naturally lean but when he got laminitis he carried all the extra weight in his neck. His neck is hugely improved! He looks amazing!”

“Our pony has shown a huge improvement with the study. He is back to his old self full of life! Thank you so much we are converted!”

“Phoenix has a much softer crest, he has some shape to his belly (especially from above) and less fat above his tail. He is also more comfortable and has a happier demeanour. Thanks so much!”

“I’m pleased to say that his laminitis is much improved, coat is coming right (normally super shaggy but is mounting nicely) and he’s seems allot happier with himself and plays around on the paddock.”

“Her arthritis in her upper body and shoulders is better.”

“Totally rapt with EquiBrew. My mare is no longer lame & the cracks in her hooves are starting to grow out.”

“After two days of using the brew I noticed such a huge difference! It really is amazing stuff! Honestly can say he is 100 per cent better! Thank you so much”

“The change in him is outstanding. He is no longer swaying back to take the weight off his front hooves and also he is much more mobile.”

“Much improved. No treatment and mood is improved. Even has a pep in his step.”

“Definitely less sore/tender on front feet. Happier pony in general.”

“Overall I do feel that the EquiBrew had a positive effect. My observation was more comfort and alertness when pain medication was administered. Usually there is not a significant change from unmedicated to medicated but when used in conjunction with the EquiBrew, there was definitely a noticeable difference.”



“Nina seems to be stable at the moment, despite the rapid spring growth of grass. I haven’t had to take her completely off grass and she has remained in her eaten down small paddock with meadow hay and small hard feed and EquiBrew twice a day. Her crest is more flexible and lameness has reduced whilst on the EquiBrew trial.”

“Watching the grass growth as she is spending more time on the grass and is able to walk a lot easier. No longer on Bute paste.”

“Chard's coat has changed considerably since starting EquiBrew. Was dull and coarse...now darker, shinier and finer. She is definitely walking more freely. The difference is very obvious.”

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