

Study on the product

Wilms PineFauna Horse Shampoo

Dr. med. vet. Christian Müller-Ehrenberg
May-June 2012



Table of Contents:

1. Product description and task formulation
2. Approach and methodology
3. Findings and final remarks

1. Product description and task formulation

Product: Wilms PineFauna Horse Shampoo

The horse shampoo is based on the valuable extract of pine heartwood. For hundreds of generations vigours have been forming in the pine heartwood, which make the tree resistant and thus keep it healthy. These protective properties can be made use of in a shampoo for pelt, skin, mane and tail.

By means of mild tensides, made from natural plant material, the shampoo cleans the pelt in a particularly soft manner and, moreover, can be applied to irritated skin. It keeps the skin healthy, cares for sensitive and stressed skin and protects hairless areas.

Task formulation:

The question as to what kind of effect the product Wilms PineFauna Horse Shampoo has on skin health and fat was to be clarified in a test with several horses. At the same time doping-related issues were to be clarified as well.

2. Approach and methodology

Three test candidates for the test of Wilms PineFauna Horse Shampoo were selected from a group of 35 horses. Horses with skin problems were deliberately selected. Horses which have problems in the spring to get through the change of coat. Before the test the horses had scaly skin, skin irritations with bleeding and swollen skin surfaces.

The test candidates were the following horses.

- "Sisu" 17 years, mare, warmblood
- "Fafnir" 16 years, gelding, Icelandic
- "Cyklon" 5 years, gelding, Freiburger

Within a period of 9 weeks the candidates were regularly washed every week with Wilms PineFauna Horse Shampoo. The test started on April 30, 2012 and finished on June 20, 2012. Changes with the horses were photographically documented both at the beginning and at the end and on May 08, 2012 and on May 22, 2012 respectively. Additionally, blood samples were taken from all candidates at the beginning and at the end of the test in order to exclude the topic of doping.

3. Findings and final remarks

Findings

The horses were regularly washed with Wilms PineFauna Horse Shampoo every week for a time period of 8 weeks. All 3 test candidates showed a significant improvement in skin and hair. The 3 test candidates managed the change of coat without problems and presented themselves in a shiny coat after the end of the test.

The positive changes were clearly visible at particularly "SIZU" and "FAFNIR". Before the test they showed clear skin irritations at the chest area and neck respectively, which reduced significantly after 8 weeks or disappeared completely.

HEMOGRAM: an examination of the blood pictures showed no doping relevant changes.

Final remarks

In an 8 week test the product Wilms PineFauna Horse Shampoo was tested on three horses. This horse shampoo is an extraordinarily good horse care product with positive effects on skin health and particularly on the coat.

Münster, July 04, 2012



Dr. med. vet. Christian Müller-Ehrenberg

"Sisu" 17 years, mare, warmblood



"Fafnir" 16 years, gelding, Icelandic



"Cyklon" 5 years, gelding, Freiburger

