

# Strengthen the health of your animal with herbs!

The health of ruminant animals and horses can be strengthened demonstrably with certain legumes and herbs. Research results of the research group „Grünland und Futterbau/ Ökologischer Landbau of CAU Kiel“ have shown that especially the legume bird's-foot trefoil and the herbs small burnet, ribwort plantain and chicory contain ingredients which contribute to a positive effect on the animal health. In particular the condensed tannins play an important role, which belong to the secondary

## Chicory against parasites

ingredients. These have a dietary impact, so that the reduction of proteins is slowed down and less gas and air will be in the digestive tract. First in-vitro experiments could also prove, that the chicory has

the potential to reduce intestinal parasites. Unlike the above named species, not the condensed tannins in chicory, but so-called Sesquiterpenlactone are the substances, which have an bioactive effect and act toxic on parasites. Furthermore, the use of herbs contributes to a good mineral nutrients supply. Ribwort plantain is

## Calcium through ribwort plantain

one of the most calcium-rich herb types, which is essential from a nutritional point of view especially in cattle feeding. In this case ribwort plantain is very suitable, because the two important minerals calcium and phosphor are needed in a ratio of 2:1 and the high need of calcium can be covered.

Sources: Williams, Pena-Espinoza et al. 2016; M. Goeritz, R. Loges and F. Taube 2009.

