Corn Flakes

Feed Material

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Compared to other types of grain, corn kernels are particularly rich in starch, but contain lower amounts of protein. But the unprocessed, dried corn grain is not easily digestible for most animal species as horses, rabbits and rodents. So their organism cannot break down the valuable starch from the grain very well.

We therefore process our corn into crunchy, golden-yellow corn flakes by gentle steam heating. This process changes the corn structure, what simplify eating and chewing the corn, and furthermore the combination of heat and steam breaks down the starch in the grain, a kind of pre-digesting process. Now most of the starch can be absorbed in the small intestine and be converted into energy.

Due to the low protein content, Corn Flakes are ideal for animals that tend to have certain liver or kidney problems or older animals that can no longer metabolize large amounts of protein and lose weight quickly.

Protein and Energy Rating for Horses:

Recommended feeding:

Feeding recommendation:

for horses:

- Due to the high energy density in connection with the content of valuable fatty acids and carotenoids, corn flakes are often fed to sport and breeding horses to upgrade their feed diet in addition to sufficient roughage.
- As an alternative to oats, 0.8kg of corn flakes replace 1kg of oats.
- In case of liver insufficiency and kidney diseases with high urea values in the blood plasma, Corn Flakes are recommended as an energy supply in protein-reduced diets.

for chicken and other poultry species:

- For laying hens and breeders, Corn Flakes are working as an energetic upgrade in the daily feed mixture and complete the diet with high content of essential fatty acids and carotenoids.
- This supports a well pigmentation of the egg yolk.
- In pullet feed, we recommend limiting the mixing rate of Corn Flakes to a maximum of 30% in order to prevent unwanted fat formation and increased fat deposits in the ovaries

- We also recommend a maximum of 30% Corn Flakes in the feed rations for waterfowl in order to avoid disadvantageous fat formation.

Heinrich Eggersmann
Futtermittelwerke GmbH
Bruchweg 11
32699 Extertal

Telefon: +49 (0) 5751 / 1793-0
E-Mail: info@eggersmann.info

www.eggersmann-shop.de

for small animals:

- Corn flakes should only be fed to rabbits and rodents in moderation or in phases with increased energy requirements, such as to feed weakened animals.
- Because the digestive tract of our little darlings is not designed for a high starch and energy content in the feed, which is why excessive grain feeding can quickly lead to obesity and metabolic problems.
- To stimulate the activity and the search for food, we recommend mixing corn flakes with 1 teaspoon once or twice a week into the feed ration or “hiding” them in the hay/fresh bedding.

For the diet construction, don´t hesitate to contact us for individual advices which we recommend to closely coordinate with the treating vet.

Digestible protein (dCP): 59,9 g/kg
preceacal digestible protein (pcvRp): 54,7 g/kg
Digestible energy (MJ DE): 13,6 MJ DE/kg
Metabolizable energy (MJ ME): 12,8 MJ ME/kg

Analytical constituents and levels: 8,50 % Crude protein, 3,00 % Raw fat, 1,80 % Crude fibre, 1,00 % Crude ash, 0,03 % Calcium, 0,30 % Phosphorus, 61,60 % Starch, 1,80 % Sugar

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