

FiveF Alka Ltd
alkaline feeding solutions

Alkastraw[®]



▶ protein enhanced

Alkastraw®



Alkastraw is produced by mixing chopped straw with the unique alkalizing feed pellets Home n' Dry (minimum application rate of 30kg/T) and clamping well. Common practice is to follow the combine with a forage harvester and then treat the chopped straw at the clamp with Home n' Dry.

Once the ammonia has been released from the Home n' Dry pellets by intrinsic enzyme action, a further reaction occurs leaving behind alkaline ammonium salts, mainly ammonium bicarbonate (which is also an excellent rumen buffer & nitrogen source) and full fat soya.

The resultant forage is alkaline, stable, increased in protein content and as the ammonia also reacts with lignin in plant cell walls, has enhanced digestibility.

▶ increased digestibility

- ✓ Highly effective form of structural fibre
- ✓ Can be harvested damp
- ✓ Enhanced protein level
- ✓ Alkaline pH improves the rumen performance
- ✓ Cost effective
- ✓ Easy to handle and feed
- ✓ Virtually eliminates feed sorting
- ✓ Actively discourages vermin
- ✓ Stable in store

ALKAstraw TYPICAL ANALYSIS (DM)

Starch 1% Protein 10%
ME 7 pH 8.5



▶ structural fibre

Alkastraw®

Use of straw in dairy & beef diets to improve ration structure and in modern high fibre dry cow diets is generally regarded as desirable. In particular this is true with regard to Total Mixed Ration (TMR) diets.

However, on many farms the cost and practicality of preparing baled straw for feeding is not always easy.



In practice this straw is the most concentrated form of structural fibre sometimes called physically effective fibre (peNDF). It is important in intensive diets to improve and stabilise rumen function, in high fibre dry cow diets it provides bulk with low nutrient density.

When our customers produce Alkalage® from mature whole crop cereals a substantial portion of the material is chopped straw providing the characteristics noted above. This is one of the great values of Alkalage.

However, for many diets the grain portion of Alkalage provides too much energy. Or the farm may prefer to harvest cereals as grain for either conventional grain processing or as Alkagrain®.

In these cases, Alkastraw production provides a viable option to provide this important straw component for the diet ready to feed out of the stack straight into the diet without baling.



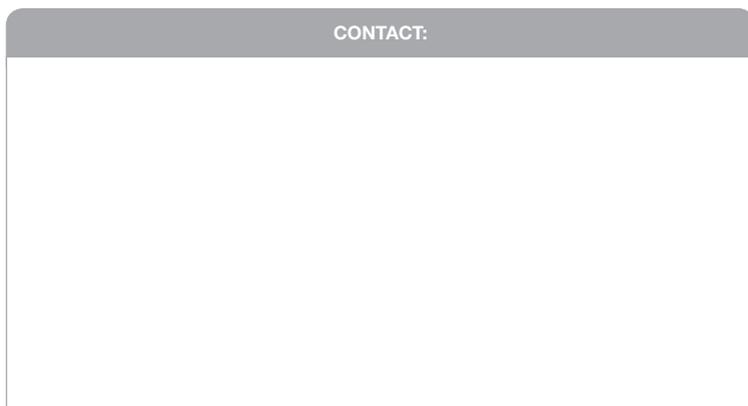
Improve rumen health and hence animal health, animal performance, feed efficiency and profitability.

FiveF Alka Ltd is represented both nationally and internationally by a network of merchants who are supported by the FiveF technical department.

If you require any information or advice on any aspect of our products & technology, please do not hesitate to contact the head office or your local merchant.

All details available on website

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alkaline feeding solutions for every farm

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