

HOW TO SAMPLE: GUIDELINES FOR PRACTICAL SAMPLING

Guidelines for good sampling practices are essential for every animal feed professional. Reliable data depends on various factors such as using the best fitted equipment, having specialized analysts, correct sampling, etc. The latter factor is crucial to ensure trustworthy data on your feed and depends upon representative sample collection. This document considers sampling throughout the feed chain, from ingredient production till the final feed. The scope is to have an easy to use guideline which allows you to prepare a representative sample for laboratory analysis.

FEED INGREDIENT



GRAINS & FEED



SILAGE

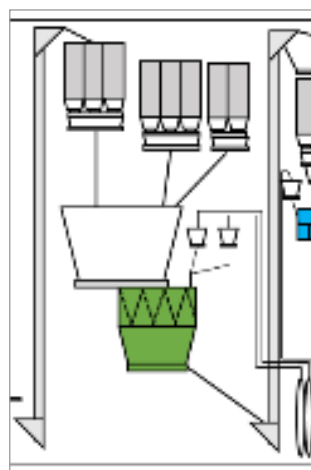


FATS & OILS

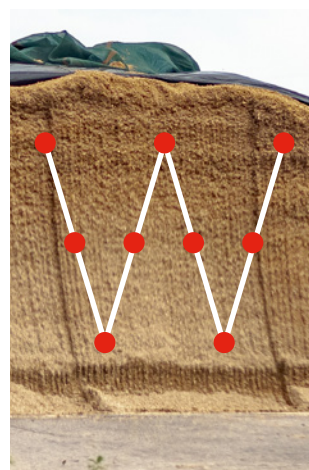
SAMPLING



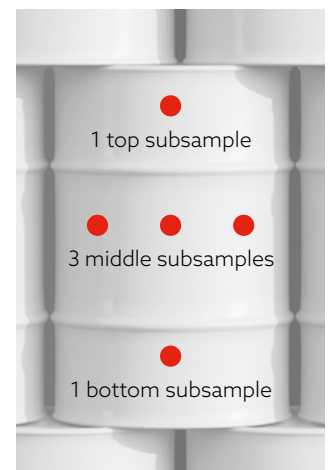
Truck loading: Minimum 10 subsamples.



Minimum 5 subsamples after each critical point.

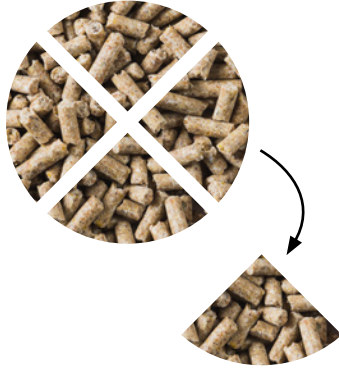


Take minimum 9 subsamples in a W shape across the silage, avoid moldy spots.

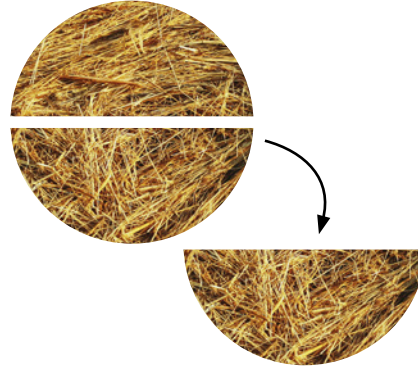


IMPORTANT! Before sampling: product nearly liquid as possible.

POOLING



- Take 1/4th of this final mixture
- Put in sample bag
- Press all air out



- Divide mixture into 2 portions
- Put one half into bucket or large plastic bag and mix
- Discard other half
- Repeat 3 times
- Take 1/4th of final mixture
- Put in sample bag
- Press all air out



- Take one representative sample of the mixture

SAMPLE QUANTITY



Ideal sample size of minimum 500 g



Ideal sample size of minimum 250 ml

SAMPLE ANALYSIS



In case of other sample types, quest ions on sampling, labelling or transportation, please do not hesitate to contact your Kemin representative or the CLS team at clsfeed.europe@kemin.com

