

Silos Material Comparison

Environmental factors

Environmental factors that influence quality of silos content:



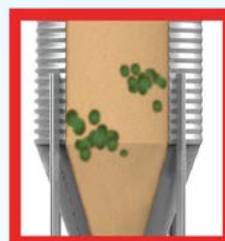
Overheating

Heating the mass inside silos to a temperature higher than 37-39 °C makes even the best feed mass become poor feed with low digestibility, especially protein, and completely loses carotene.



Freezing

Freezing leads to condensation, as the air is cooled to its dew point or when cooled surface of the silo or feed contacts warm air, and warm air turns into liquid droplets on the cold surface.



Moisture

Presence of excessive moisture in the feed leads to creation of a favorable environment for butyric acid bacteria

The study by Faculty of the Agriculture of the Università Cattolica del Sacro Cuore shows remarkable difference between the temperature of the air inside the silo and , therefore, stored feed; and an air of silo surroundings, in relation to the material used to built the silo. According to the study, silos shows such results:

