



Topic/Title

Different fiber resources influence final physical quality of chicken feed compacts manufactured with single die pellet press

Summary

Different sources of non-starch polysaccharides will be used to understand their influence on final physical quality (hardness, durability, oil absorption and surface properties of the pellets). Single pellet press with total control of the temperature, pressure and moisture addition will be the main equipment used for this thesis work. This work will be performed as collaboration between Center for Feed Technology (NMBU) and Realtek – NMBU.

Rheology (flow) of the materials will be explored through single die with controlled environment.

Main literature will be based on rheological and tribological properties of the organic fibers.

Subject area

Feed Technology, Compaction, Rheology, Pelleting

Language thesis

English

Bachelor or Master thesis

M.Sc.

Credits

30

Project/company

FôrTek – Center for Feed Technology

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