



Combined Experiment and training day

Feed Design Lab offers companies the combination of an experiment in the pilot plant and a training on the same day. During this day the research question of the costumer will be executed in the pilot plant. Gaining knowledge about the process technology is learnt meanwhile. With the theoretical and practical knowledge gained, a proposal for improvement will be designed.

1 Target audience

This combined experiment and training day is targeting all employees in the feed industry. They have a research question to be answered in an experiment in the pilot plant and wish to improve knowledge about the production process.

2 Content

Example of a combined experiment and training day:

Pelleting in practical conditions at Feed Design Lab

The costumer indicates which of the employees are assigned to the experiment and which are assigned to the training.

Experiment

Run through the experimental protocol
 Mixing the product of the costumer in the basal meal

Start pelleting experiment 3 treatments

Lunch

Continuing pellet experiment

Training

Welcome and introduction

Tour in the pilot plant with equipment open

Practice: mixing

Theory: effects hammer mill/conditioner/press/cooler

Lunch

Theory: recepies&production parameters/pellet quality

Practice: experience the experiment, sampling

Practice: measuring hardness and durability

Evaluation and discussion of results: design a proposal for improvement

The size of the group is maximized by 12.

3 Goals

The practical experiment is supported with theory. This knowledge is used to design a proposal to improve processes in the feed plant.

The participant gains knowledge and insight in the production process of feed and the effects on the produced feeds.

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