Abstract by Sanna Nokka - CowCompass Profit Prediction - better use of milk recording data

The CowCompass Profit Prediction application uses the solutions given by the Nordic test day genetic evaluations to predict milk, protein and fat yields for each cow for the next 12 months. It also predicts the expected financial result from each cow or cow group based on milk yield and milk composition predictions. These results can be used by the farmer in budgeting as well as in making decisions about culling, inseminations, purchasing animals etc. The solution also predicts the number of animals in each animal group during the next 12 months. This helps to optimise e.g. robotic milking capacity and to allocate future investments and purchases according to future income. Profit Prediction makes better use of milk recording data and helps the farmer in his decision making process. The dairy industry can also use this information when fine tuning its processes for the near future.