

MONASH INDUSTRY TEAM **INITIATIVE (MITI)**

MONASH INDUSTRY TEAM INITIATIVE (MITI) 2016-2017

Optimisation Of Plant Performance

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Introduction

The Frozen Packing Line is experiencing a large growth phase where opportunities for improvement are critical to Burra Foods Project is focused on looking at innovative ways to optimise processes within the line by reducing waste

Project Scope

Explore and quantify waste streams within the frozen packing line Prepare recommendations which reduce/eliminate the amount of waste being produced on the line

Implement and monitor approved recommendations

3



Achievement: Reduction of froth by at least 25% equivalent to \$18,000 worth of fat a year.

Achievement: Successful calibration of NIR in the CTU for accurate fat, protein and total solid % measurement.



Conclusion & Recommendations 5

Successful identification of numerous areas where waste could be minimised in the frozen packing line Preparation of recommendations to reduce/mitigate waste in frozen packing line Implementation of approved recommendations

A project initiative of the Victorian dairy industry proudly sponsored by the Gardiner Dairy Foundation in partnership with Monash University





