



LeanForm



Patrick Shine

“Using Lean principles to improve labour efficiency”

Introduction

- Type of farming – Dairy, Beef and Tillage Farm
- Milking platform – 42ha, 130 cows



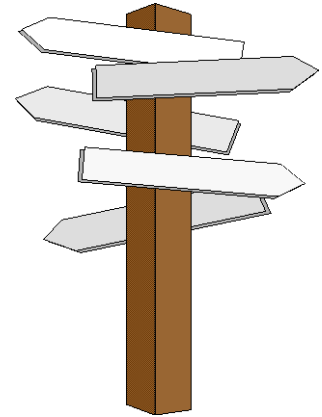
How I got involved with Lean Program

- 2016: Dairygold & Origin Green Sustainability awards
- 2017: Lean pilot program

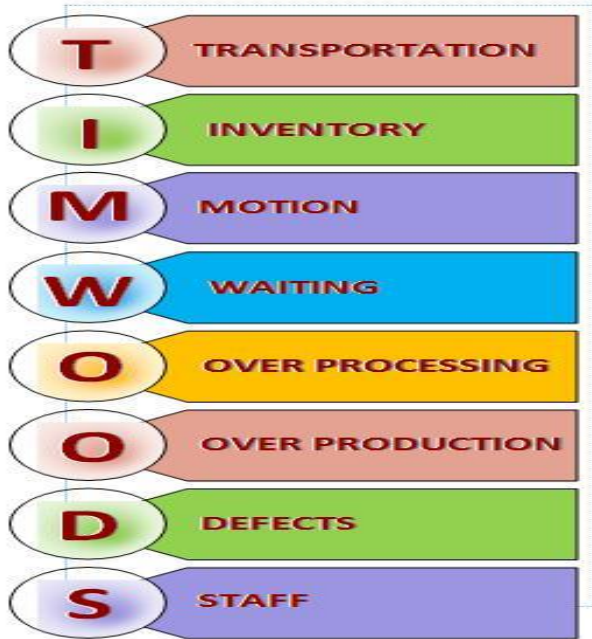


Introduction to Lean program

- Training
- Farm Visits across Lean group
- Communication and support
 - What's app group
- Ideas generation
 - implementing no/low cost improvements



Areas identified for improvement



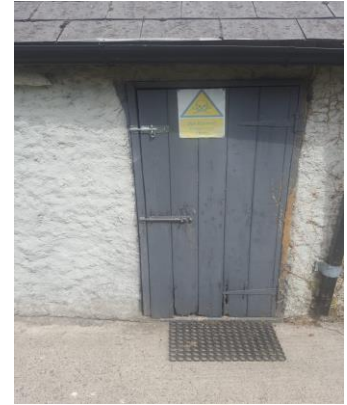
- Improvements in Farm Safety
- Use of Visual controls
- Reduction in working hours - avoid time wastage
- More enjoyable workplace

Farm Safety



Lean Tools used....5S

- Housekeeping: a place for everything and everything in its place
- Cleaning stations setup at points of use
- Drugs cabinet in calf shed with essential items
- Avoid wasting time searching and travelling for items



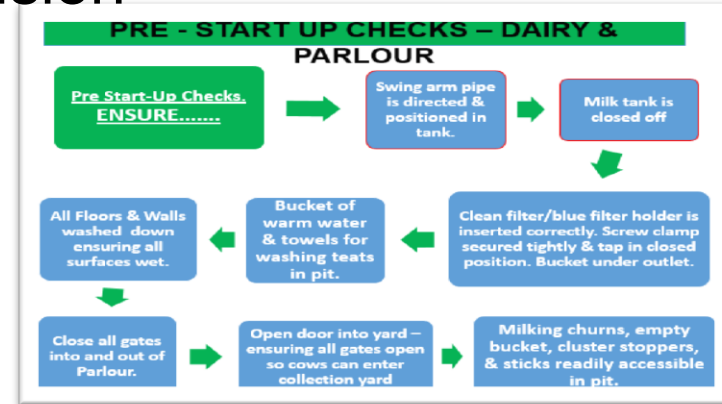
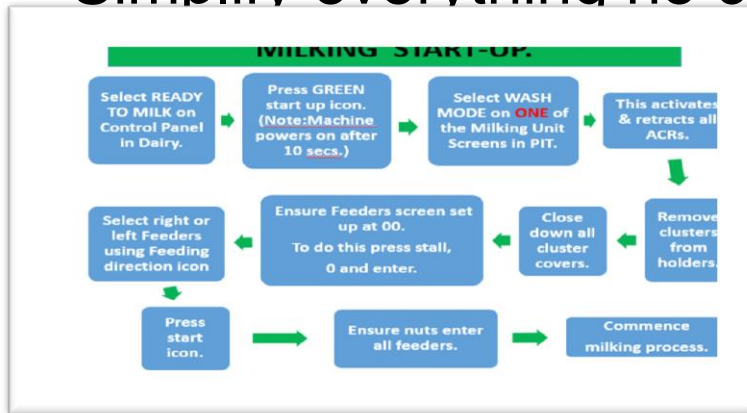
Other tools ... GPS fertiliser application



- Improves fertiliser spreading accuracy
- Reduces time spent spreading
- Labour saving
- Saves money – reduced usage (3 t / yr)

Lean Tools – Standard Operating Procedures

- Standard Flow charts
- Simplify everything no confusion



Other improvements

- Rainwater harvesting and reuse of plate cooler water for washing yards and spraying
- Better roadways and more entry points
 - easier access in spring time
- Forward Planning: bore 2nd well last year



My thoughts & recommendations to others

- “*Resilience in times of trial – farming in 2018*”
- Involve everyone to identify improvements
- Attend the lean workshops – you pick up ideas from others. Opportunity to talk and share ideas
- Avail of support from Dairygold lean advisors – fresh pair of eyes
- Baby Steps
- Take one aspect and try it out !

Finally what lean has taught me

- Sometimes it is better to work from shoulders up rather than shoulders down

A herd of black and white cows is grazing in a lush green field. The cows are in the foreground and middle ground, with one cow in the background. The sky is a clear, bright blue with some light clouds. The overall scene is peaceful and natural.

Thank You



leanform