Use MbT to efficiently milk a Rotary dairy - No ACR's
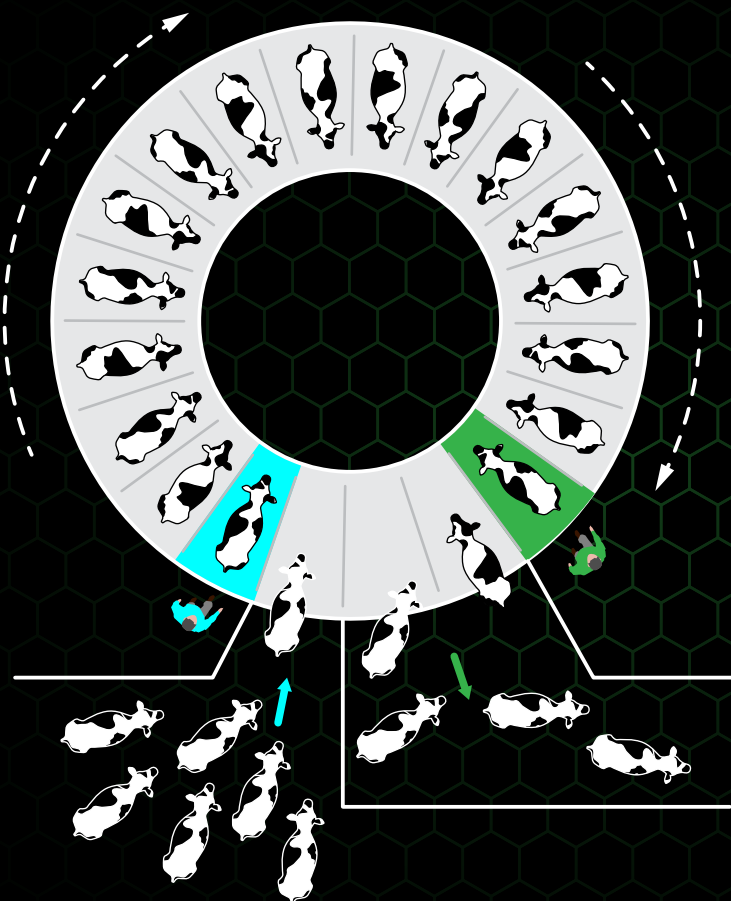

Milking Tasks

Cups on

▸ Stand close to the bridge to cup.

▸ Maintain an efficient cupping technique.

▸ Monitor cows loading and use the backing gate little and often to take the space in the yard.

▸ Keep the platform moving.

▸ If empty bail focus on filling the next bail.

▸ Check the **MbT** regularly to see how each rotation is tracking.

▸ Any cows sent round check they are finished and remove cups.

Cups off (when required)

▸ Remove cups on cows that are finished moving away from the bridge. Leave any cows milking to just before teat sprayer or exiting and teat spraying.

▸ **Milking Strategy**

1. Remove cups on all cows and don't send any cows around unless specifically marked as go-around cows or have had cups kicked off. Allow cows milking to milk right to the last point before auto teat spraying or manual teat spraying is needed.

2. Only send cows around at one milking (PM). Monitor regularly to ensure go around cows need to go around.

▸ Ensure all cows are thoroughly teat sprayed.

▸ Check teat condition regularly.

▸ Monitor cows exiting ensuring cows that have finished exit the rotary. No free rides.

▸ Avoid stopping the platform.

Key drivers of efficiency

1. Work as a team ensuring staff know their roles.
2. Work out your full rotation times for each speed and milking times (cups on to cups off). Do this for 5-7 of your common platform speeds. Refer to the link below to learn how to do it. https://www.dairynz.co.nz/milking/milking-efficiently/milking-duration/maxt-rotary/
3. Learn to attach cups in 4 seconds comfortably.
4. Choose a milking strategy:
   a) **MaxT:** Set the full rotation time to the targeted Milking times required from cups on to cups off. Set the MbT to the targeted full rotation time.
   or
   b) **Go around cows:** Set the full rotation time to the targeted Milking times required from cups on to cups off. Set the MbT to the targeted full rotation time. If you base the targeted milking times on the calculated MaxT times this will ensure the most efficient platform speed. Go around cows on a rotary with no ACR's are at increased risk of being overmilked. Therefore only send cows around at one milking a day. Evaluate the cows that need to go around once a week and mark them so all milkers are consistent on sending cows around. Put them all in one herd if more than one herd is milked.
5. Set the **MbT** to the targeted full rotation times for the AM and PM milking times.
6. Milker needs to stand close to the bridge so milking time on the first rotation is maximised.
7. Don't stop the platform unless cow or human health are at risk.
8. If bails are missed focus on filling the next bail.
9. Keep the cows loading by using the backing gate to take the space in the yard moving little and often. Ensure all staff use the backing gate the same way, as cows like consistency.
10. Monitor the targeted **MbT** times each rotation.

Note: Reducing overmilking risk with no ACR's

a.) Only send cows around at one milking a day i.e. Afternoon.
b.) Any cows still milking leave milking till just before teat sprayer.
c.) Cups on - staff need to remove cups on go-around cows if finished milking when they come around for a second lap.
d.) Rotation target times need to be consistently met as stopping and starting platform increases cups on time.

⊘ Important

▸ When milking by MaxT (time) it's important that the cows are milked to the targeted rotation time and not faster than the time. Monitor the data from the **MbT** to ensure everyone is milking to the correct time.

▸ Monitor the percentage of cows being shortened. If greater than 20% increase the MaxT times. If less then you can shorten the times.

Refer to video on Instagram
www.instagram.com/p/CUom-NXp-ro/

MbT Milking By Time

Qconz