

## TRIMETA CD

A 2-in-1, Phosphorus-free CIP solution for bright beer tanks, as well as maturation and fermentation vessels

- > Reduces CIP time
- > Achieves strong cleaning and disinfecting results
- > Increases production and profitability
- > Helps achieve sustainability goals
- > Reduces worker safety risk (no need to evacuate CO<sub>2</sub>)
- > Extends equipment life

Technology

+

People

-

EXPONENTIAL OUTCOMES





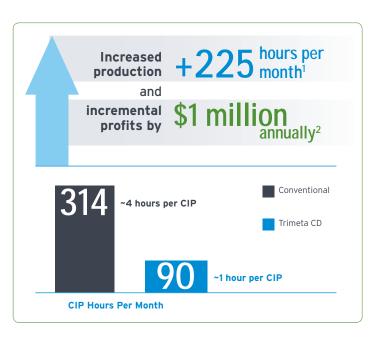
## INNOVATION & EXPERTISE TO HELP BOOST PRODUCTION, SUSTAINABILITY AND PROFITS

Trimeta CD is an **innovative 2-in-1**, Phosphorus-free cleaning and disinfecting solution for the brewing industry.

Its unique non-foaming formula effectively **reduces the number of steps** needed in the CIP process, helping to significantly decrease cleaning time, as well as the amount of energy, water and chemistry needed to achieve strong antimicrobial results. Additional benefits include less waste and effluent water going down the drain, and a reduced need for chemical storage and handling.

Trimeta CD **is compatible with stainless steel** or Munkador tanks, and enables cleaning without first having to evacuate carbon dioxide (CO<sub>2</sub>), making the environment safer for workers

Ecolab's **personalized service** and technical specialists will provide more information and onsite training to help ensure the proper use of Trimeta CD in your brewery.



- 1 Results based on 83 CIP cycles in maturation vessels during a one-month period of time 2 Based on 11.6M diluted liters
- 3 Results achieved at a medium-size brewery (~210M liters per year), with two production lines with glass bottle packaging, re-use CIP and 14 maturation vessels

Reduces CIP Steps fro	m 7 to 3
Conventional CIP Process	Using Trimeta CD
1 Pre-Rinse 2 Alkaline Cleaner 3 Rinse 4 Acid Step 5 Rinse 6 Disinfecting Step 7 Rinse	1 Pre-Rinse 2 Trimeta CD Clean & Disinfect 3 Final Rinse

	Water	Effluent	Energy
Conventional Maturation Vessel CIP	\$3,938	\$11,409	\$1,847
Using Trimeta CD	\$1,138	\$4,776	\$695
Annualized Savings	\$2,800	\$6,724	\$1,152
	\$10K	Saved annu	ally



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