Cornell CALS
College of Agriculture and Life Sciences

Spore Reduction During Production – Best Practices to Reduce Bacterial Spores at the Farm

VIRTUAL COURSE: *ONLINE ZOOM SESSION August 18, 2026*

AGENDA	
10:00 am	Welcome, Introductions, Overview *Nicole Martin*
10:10 am	Bacterial spores 101 • *Bacterial spores – resistance, growth, and implications on dairy products and human health* *Nicole Martin*
10:30 am	Sources of bacterial spores on dairy farms and transmission risk factors • *Environmental sources of spores and where spores are found on the farm* • *Spore control zones – risk factors for transmission* *Nicole Martin*
11:00 am	Best practices to prevent spores from entering bulk tank milk • *Udder and teat health and condition* • *Milking machine performance* • *Milking practices and hygiene* • *Housing and environment management* *Rick Watters*
12:15 pm	Monitoring and testing for spores *Nicole Martin*
12:30 pm	Questions and Discussion
1:00 pm	Adjourn