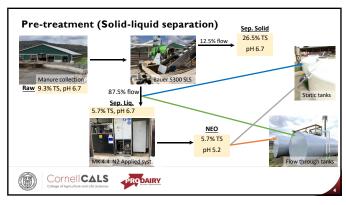
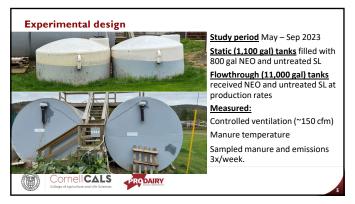


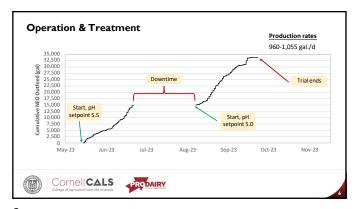
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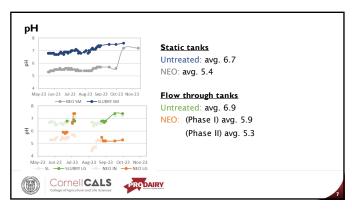
Achieve farm sustainability goals Support collaborative efforts to meet industry goals On-farm methane emission reductions Plant available N on-hand Closed loop system for recycling on-farm resources No odor Technology performs as intended COBBAT Dairy, LLC Mount Upton, NY COPART DAIRY COPART DAIPY COPART DAIPY COPART DAIPY COPART DAIPY COPART DAIPY COPAR

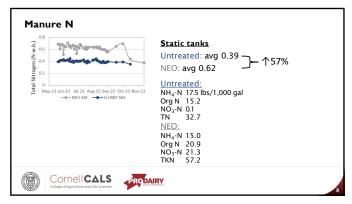




5

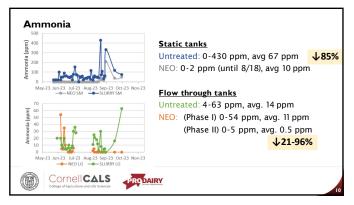


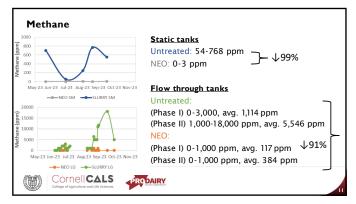




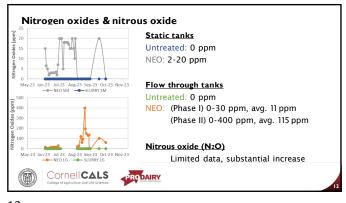
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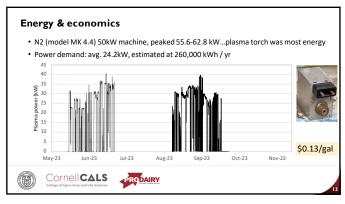






11





Lessons Learned

- NEO remains enriched in nitrogen with reduced emissions of NH $_3$ and CH $_4$ for at least several months during the summer, but longer-term stability of NEO, particularly during colder months was not evaluated.
- Need to study a commercial Gen 0 unit under continuous operation to accurately assess treatment effects, production rates, capital, and operating cost breakdowns.
- Both the N2 Applied unit and the storage of NEO are potential sources of NO_x and N₂O emissions
- Need for agronomic trials of NEO in concert with field emissions monitoring to ensure NEO can improve crop yield and quality while not contributing to elevated emissions of NH₃, N₂O, or other emissions.





14

