NEWS | RESEARCH

Dairy farming study shows Pivot Bio’s microbial nitrogen boosts silage tonnage and profitability

Replacing synthetic nitrogen with up to 40 pounds of PROVEN 40 led to a 3.4 per cent increase in milk production per acre

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An extensive new study conducted in collaboration with over 30 dairy producers during the 2022 and 2023 growing seasons demonstrated that replacing up to 40 pounds per acre of synthetic nitrogen with Pivot Bio PROVEN® 40 significantly improved silage tonnage without sacrificing quality.

The results, presented at the Dairy Business Association's Dairy Strong event in Green Bay, Wisconsin, showed that farmers who used PROVEN 40 and a reduced rate of nitrogen saw a 0.91 increase in tonnage per acre, representing a 4.2 per cent advantage over the grower standard.

PROVEN 40 not only increased silage production but also boosted farmer profitability. Replacing synthetic nitrogen with up to 40 pounds of PROVEN 40 led to a 3.4 per cent increase in milk production per acre. While production per acre increased, milk per ton remained consistent, demonstrating that production can increase while maintaining quality.

"PROVEN 40 isn't just about increasing production. It's also a path to maximising profit for farmers," said Andy Heath, a Pivot Bio agronomist from Central Wisconsin. "For the second year in a row, our results show that Pivot Bio's revolutionary microbial nitrogen is a step toward a more prosperous future in corn silage production, optimising tonnage, maintaining quality, improving environmental outcomes and ultimately driving profitability."

Read online: https://nuffoodsspectrum.in/news/17/20658/dairy-farming-study-shows-pivot-bios-microbial-nitrogen-boosts-silage-tonnage-and-profitability.html
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