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Forage and protein use efficiency in dairy cows grazing a mixed grass-legume pasture and supplemented with different levels of protein and starch

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HIGHLIGHTS

- Lowering dietary protein supply may not reduce animal feed intake and performance
- Starch-rich supplements may reduce digestibility in cows on high-quality pastures
- Feeding low-protein supplements reduces urinary nitrogen excretion in grazing cows
- Forage protein supply is sufficient in low-performing cows on grass-legume swards

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