

# Effects of pasture allowance on milk production of dairy cows offered increasing amounts of partial mixed rations in spring

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## Previous research at Ellinbank...

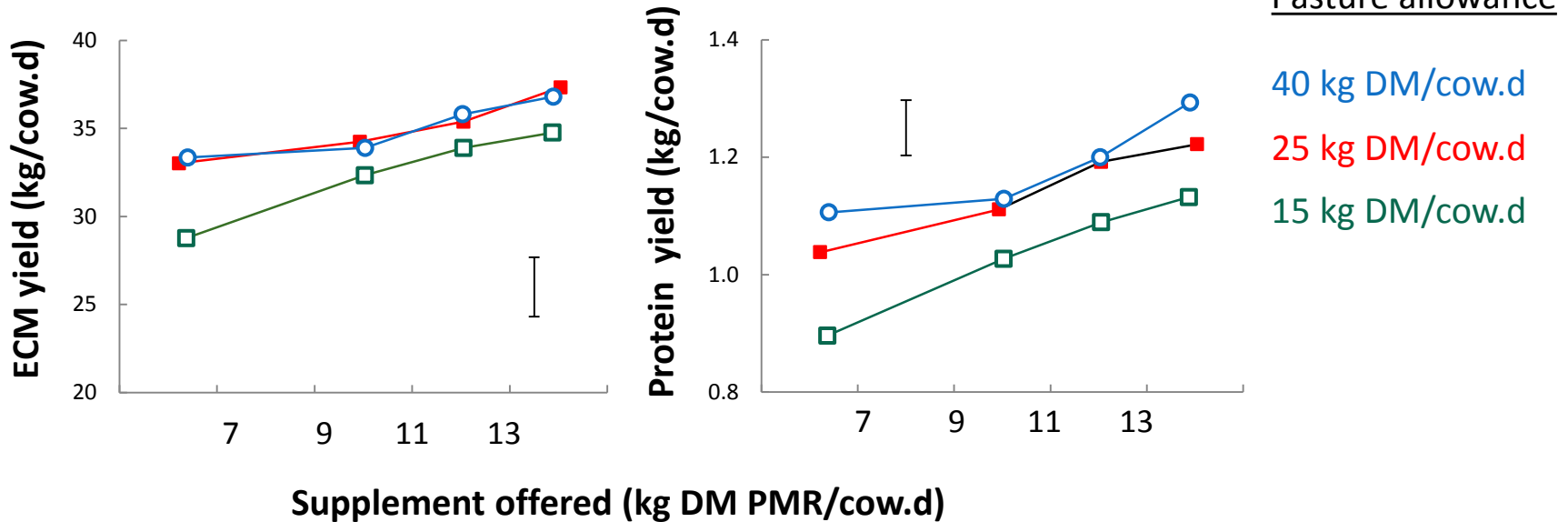
- PMR can increase milk yields compared with grain in the dairy (up to 5kg ECM/cow.d)
- Response is partly due to greater DMI
- Studies to date have used only low pasture allowances

*What happens at higher pasture allowances?*



**Method:** 3 pasture allowances x 4 PMR amounts  
12 groups of 6 cows, replicated

## Results:



# Summary

- Milk responses to PMR were greatest at the lower pasture allowances
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- No benefit to increasing pasture allowance above 25 kgDM/cow.d
- “Sweet spot” somewhere between 15 and 25 kg DM/cow.d

