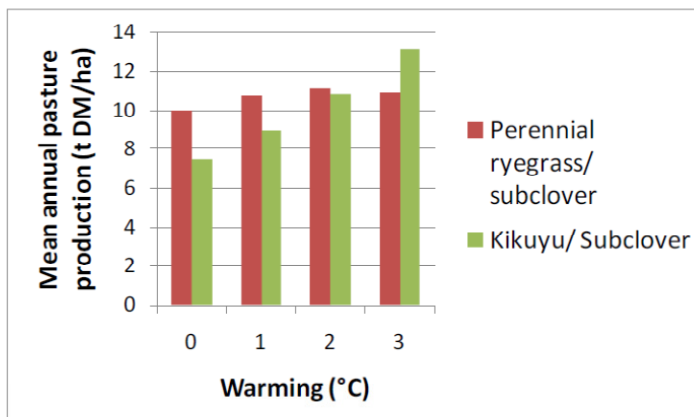


## C3 versus C4 grasses

Should we consider Kikuyu in future?

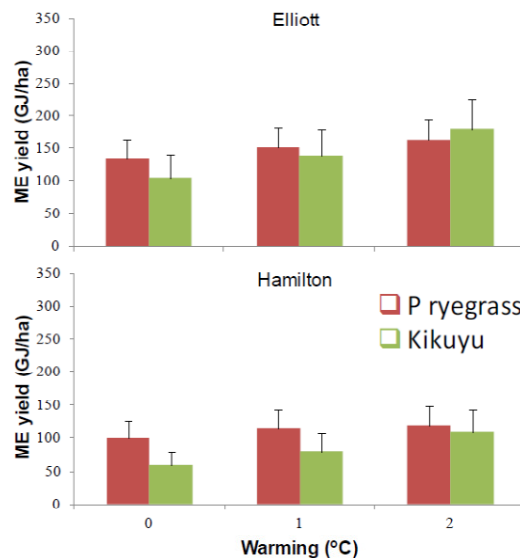
- Compare to ryegrass, Kikuyu has
  - Higher heat tolerance
  - Higher water use efficiency, deeper roots



Bell et al. (2011) *Modsims*

Should we consider Kikuyu in future?

- Substantial warming is still required before C<sub>4</sub> grasses will be more productive than the current C<sub>3</sub> species



Bell et al. (2011) *Modsims*

