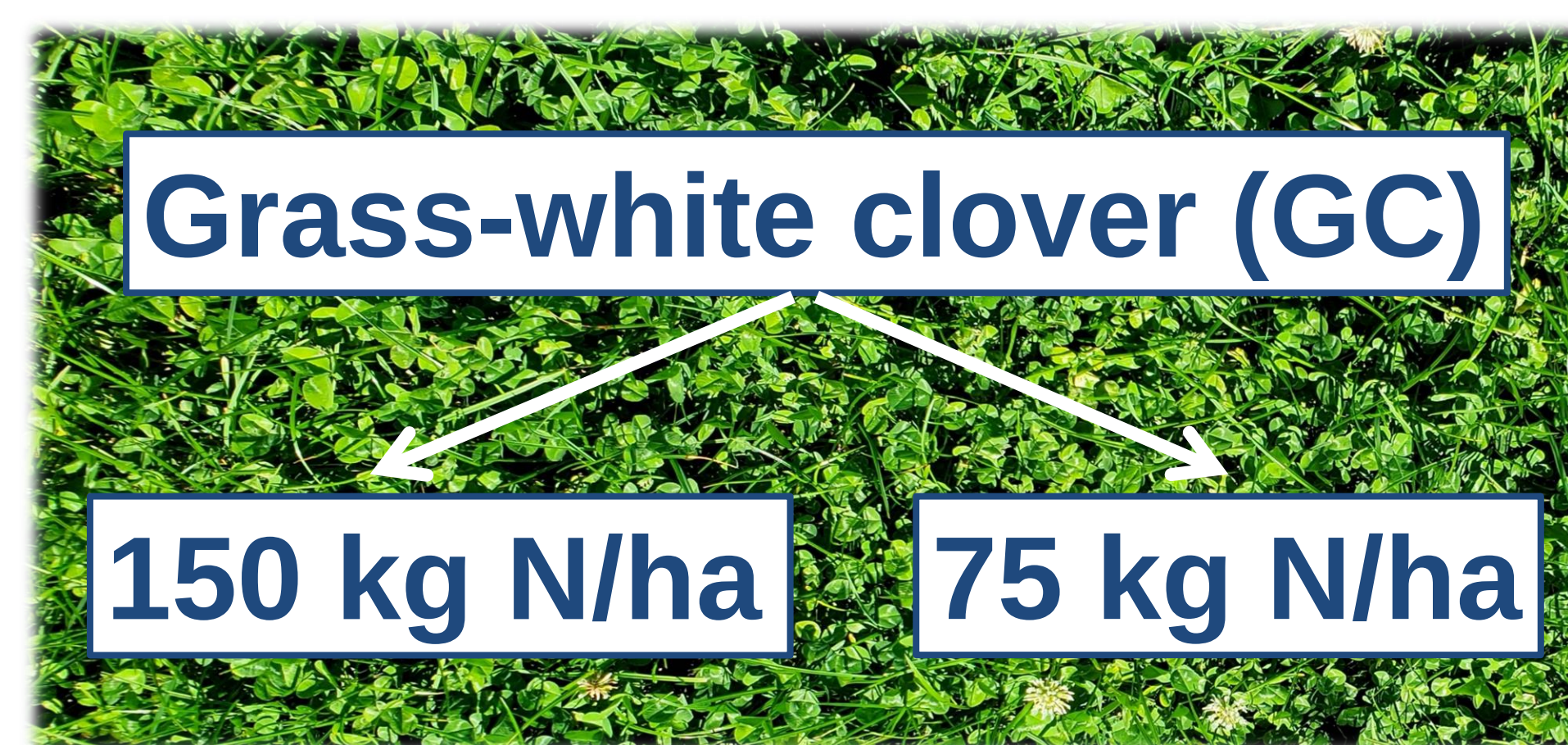
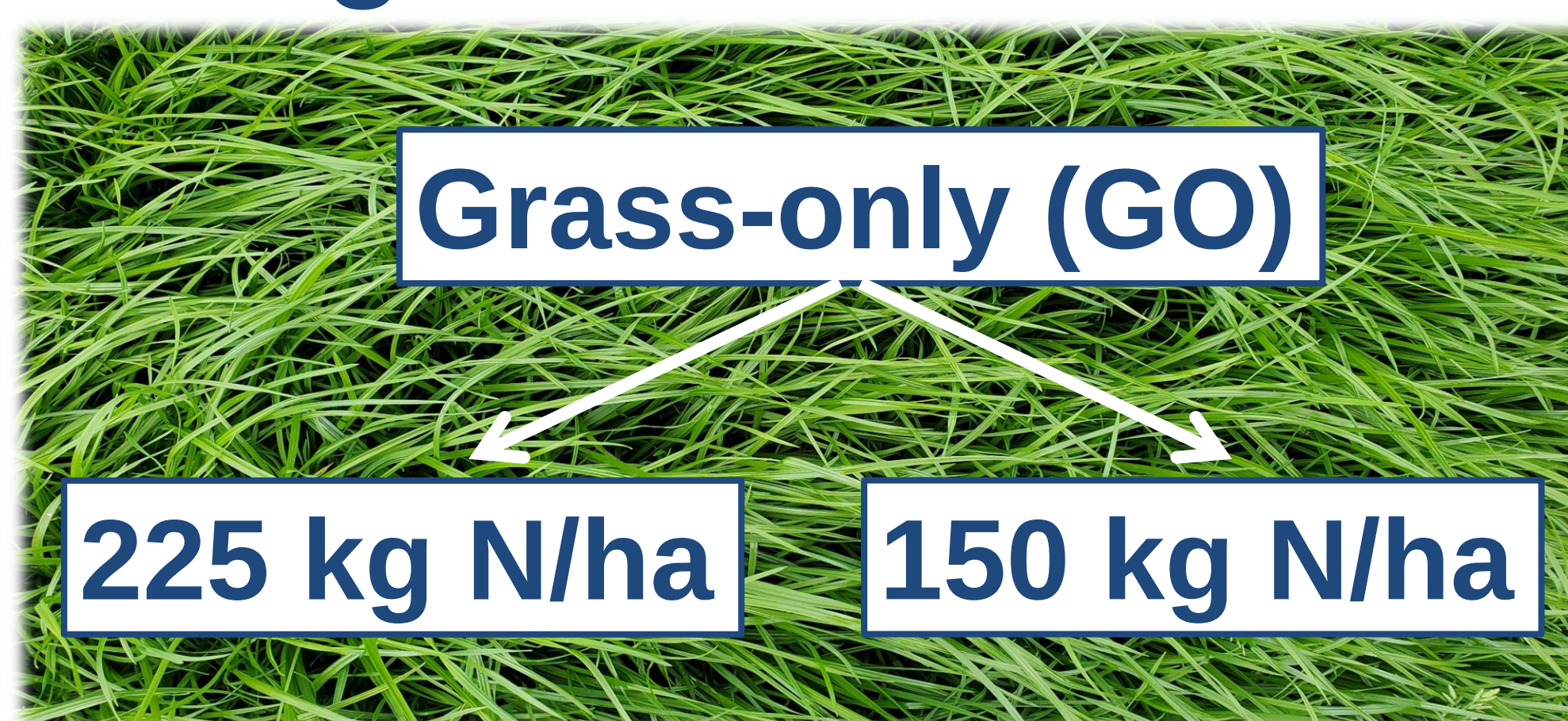
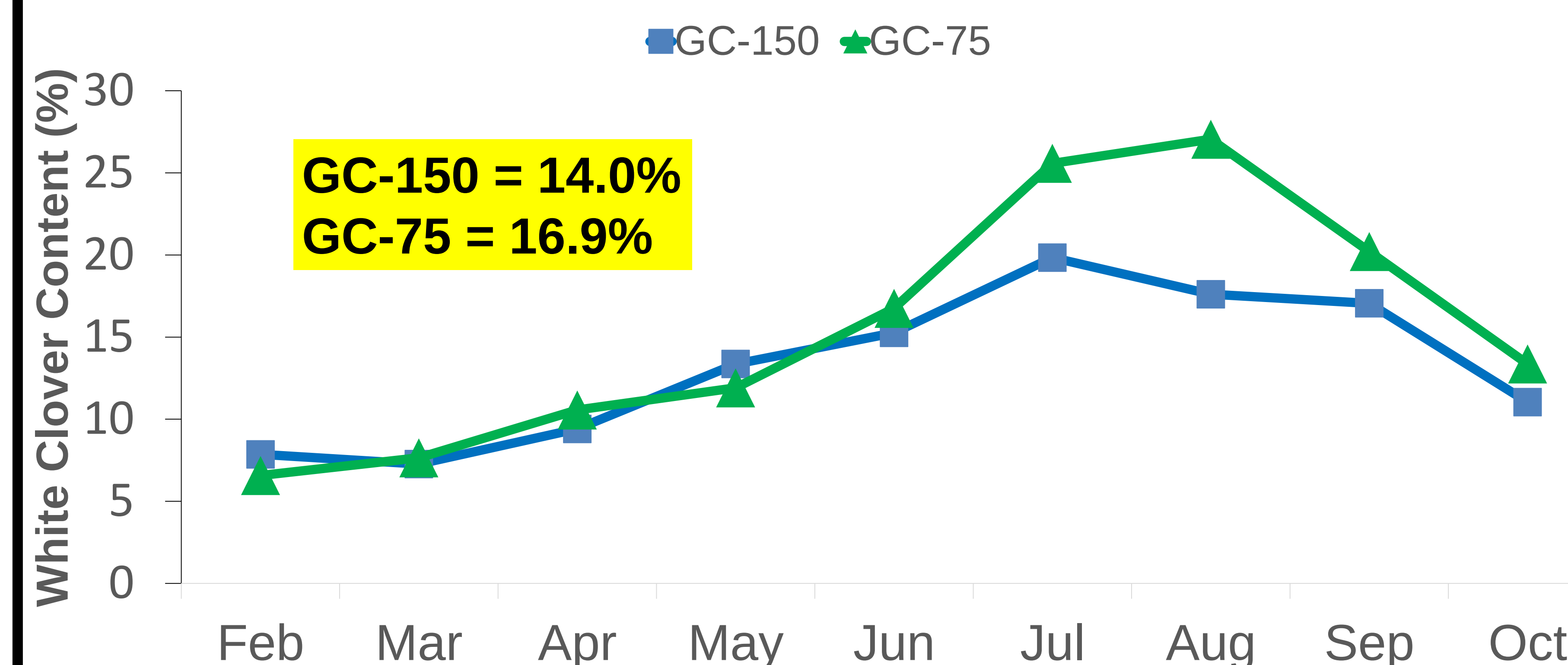


Clonakilty experiment 2022-2023

- Effect of sward type and nitrogen (N) fertiliser rate
- Stocking rate – 2.57 cows/ha



Sward white clover content 2022



Results 2022

	GO150	GO225	GC150	GC75
White clover content (%)	-	-	14.0	16.9
Grass production (t DM/ha)	13.7	14.4	14.3	12.7
Silage made (kg DM/cow)	996	1,025	1,004	880
Concentrate fed (kg/cow)	783	780	776	792
Milk yield (kg/cow)	5,843	6,086	6,191	6,086
Milk solids yield (kg/cow)	492	509	521	509

Take home messages

- White clover can:
 - Reduce the quantity of N fertiliser required while maintaining overall production
 - Increase farm-gate nitrogen use efficiency to reduce N surplus
 - Improve farm sustainability