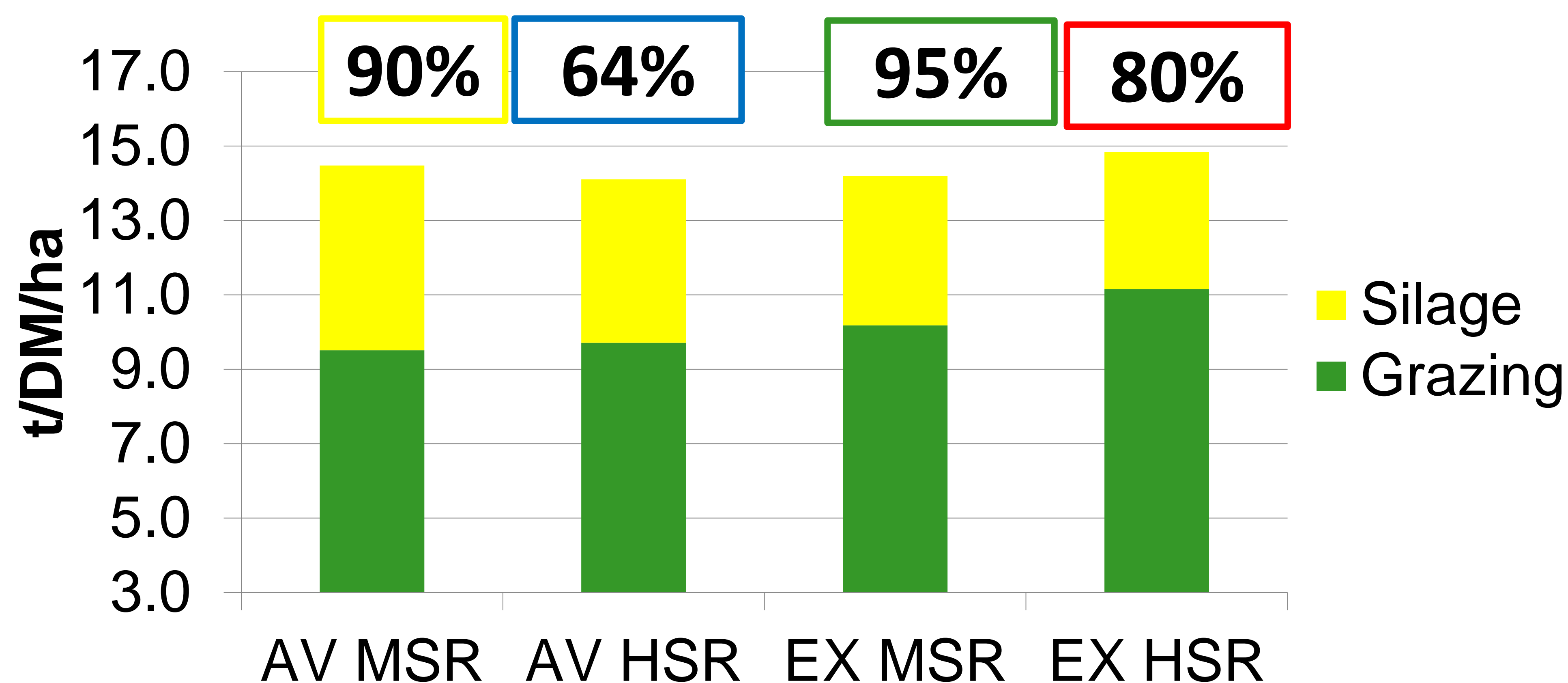


Introduction

- Four year extended grazing study at Ballyhaise
- Extended grazing season (EX) v's the average (AV) grazing season for the region at two stocking rates (medium – MSR and high – HSR)
- Measuring effects on the soil, sward, animal and economics

Pasture production and silage self sufficiency



Extended grazing study results 2017 & 2018

	Average		Extended	
	2017	2018	2017	2018
Grazing season length				
Stocking rate (LU/ha)	2.5	2.9	2.5	2.9
Grazing season (days)	210	210	251	251
Grazing days (No./ha)	525	609	628	728
Milk yield (kg/ha)	12,619	15,131	13,993	15,166
Milk solids (kg/ha)	1,059	1,299	1,134	1,327
Grazed grass use (t DM/ha)	9.4	10.0	10.3	11.6
Silage fed (t DM/ha)	4.15	5.15	3.17	3.46
Concentrate (t DM/ha)	1.71	2.03	1.62	1.87

Take home messages

- Extending grazing reduced feed inputs & increased milk production per cow
- Increasing stocking rate increased production per hectare but also increased feed inputs