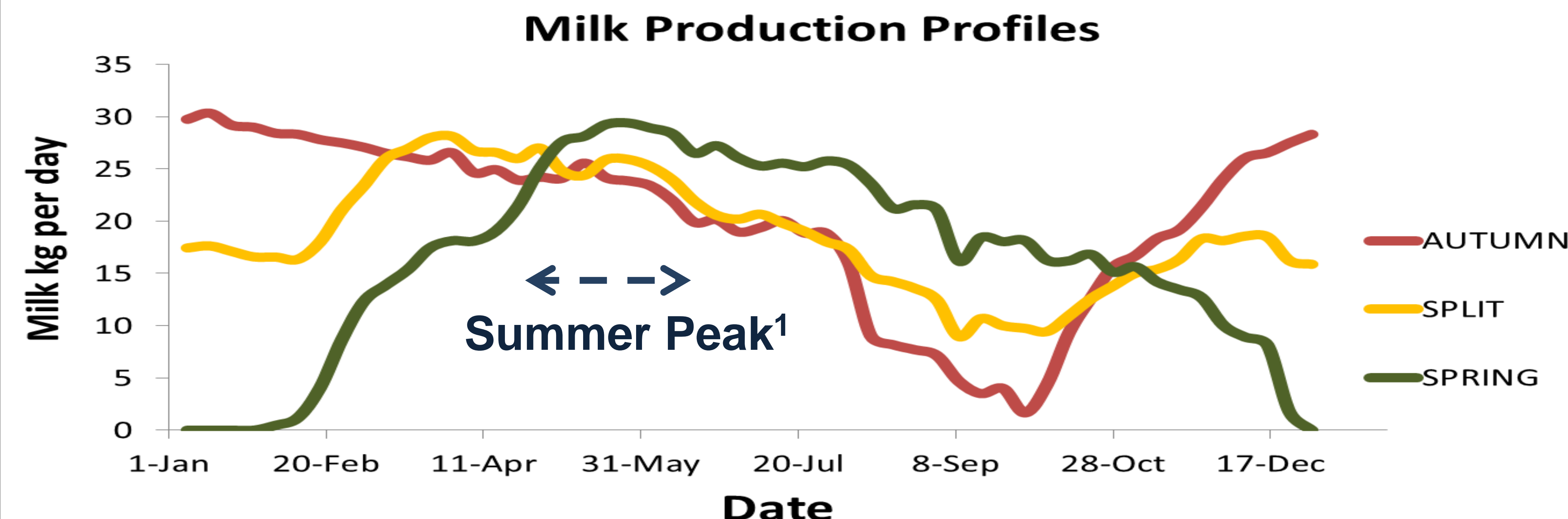


Johnstown Castle experiment outline

- How does calving pattern affect milk profile?
- Consequences for feed budget cost?
- Systems compared: Spring, 50:50, Autumn calving
- Herd EBI €156 (€53 milk, €63 fertility)
- Stocking rate 2.90 cows/ha

Analysis of milk supply patterns



	SPR	SPLIT	AUT
Milk solids (kg/cow)	489	517	561
Concentrate (kg DM/cow)	536	1050	1380
Summer Peak milk (kg/cow)	27.1	24.6	23.1
Nov-Feb milk (% of total)	10.1	29.4	43.2
Margin ¹ over feed per cow (€0.30 c/l base milk price)	€1785	€1782	€1794

¹Must also account for overheads differences per system

Bonus value per cow (7.5 c/l)	SPR	SPLIT	AUT
Liquid Milk 50% Daily Contract	-	€129	€135
5 Month Winter Milk Contract	-	€150	€230

Take home messages

- EBI + Grass Utilisation = Drive profit in all systems
- Autumn calving - modest effect at summer peak
- Winter bonus required to offset overheads & labour