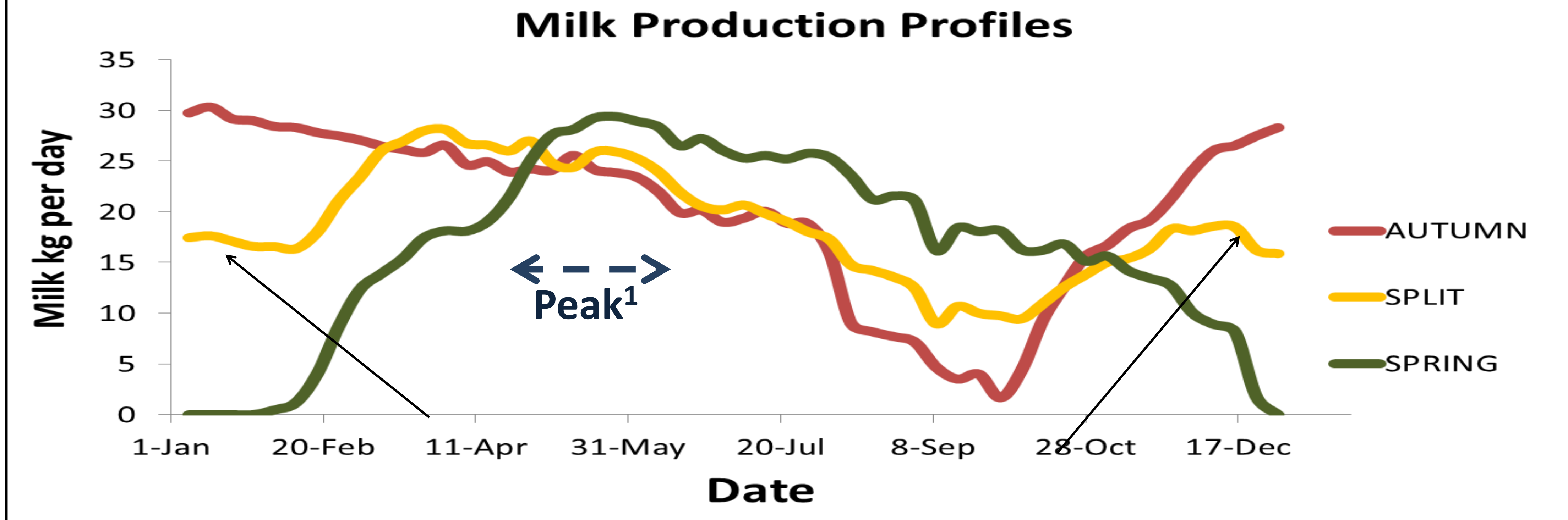


Johnstown Castle Experiment Outline

- How does calving pattern affect milk profile?
- Consequences for feed budget cost?
- Systems compared: Spring, 50:50, Autumn calving
- Herd EBI €153 (€51 milk , €63 fertility)
- Stocking rate 2.90 cows per ha

Current Trial: Comparing Calving Patterns



	SPR	SPLIT	AUT
Milk solids kg/cow	487	517	561
Conc. kg DM/cow	536	1050	1380
Peak ¹ milk kg/cow	27.1	24.6	23.1
Nov-Feb Milk % Total	<10.0	29.4	43.2
Margin over feed per cow (€0.30cpl base milk price)	€1820	€1790	€1812

Must also account for overheads difference per system

Bonus value per cow (7.5cpl)	SPR	SPLIT	AUT
Liquid Milk 50% Daily Contract	-	€132	€137
5 Month Winter Milk Contract	-	€146	€234

Take home messages

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