

Frequency & Intensity

Frequency

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- Measured as
- The shortest frequency depends on stocking rate and management – but under usual stocking rates
- Typical frequencies
- With 3-cut hay

Intensity (handout pg 251)

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- Measured as
- High intensity is
- Moderate intensity is
- Low intensity is

- Utilization is the ratio:

 high intensity ➤
 low intensity ➤

		Frequency				
		v. high (<15 days)	high (15-25 days)	medium (~30 days)	low (>40 days)	v. low (4-6 weeks)
Intensity	very high					
	high					
	medium					
	low					
	v. low					

Effect of high frequency (handout p258)

- High defoliation frequency will
- This effect is greatest in spring when
- High frequency grazing could be used for

- There appears to be little effect of grazing frequency
- 15- and 30- day rotations had similar animal production
- High frequencies of rotation
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Effect of intensity (const frequency)

	# of tillers	roots (g)	leaves (g)
Not clipped	431	147	202
Clipped at 12.5 cm	427	78	160
Clipped at 7.5 cm	192	30	160
Clipped at 3.8 cm	53	7	59

Species and intensity

- species vary in (text pg220)
- are intolerant of intense defoliation (especially frequent-intense defoliation)
- are tolerant of intense defoliation