

Harpers Beef Target Performance Calculator

Steers

Animal Liveweight	Daily Liveweight Gain					Silage Quality
	0.5	0.7	0.9	1.1	1.3	
200kg	0.6	1.4	2.2	3.0	4.2	Good
	1.6	2.3	3.0	3.8	4.6	Medium
	2.2	2.7	3.4	4.2	4.9	Poor
300kg	0.0	0.8	1.9	3.0	4.2	Good
	1.4	2.3	3.2	4.2	5.3	Medium
	2.2	3.1	3.9	4.9	5.8	Poor
400kg	0.0	0.0	1.4	2.8	4.2	Good
	1.1	2.2	3.3	4.5	5.8	Medium
	2.2	3.3	4.3	5.4	6.6	Poor
500kg	0.0	0.0	0.8	2.4	4.2	Good
	0.8	2.0	3.4	4.8	6.2	Medium
	2.2	3.0	4.7	6.0	7.3	Poor
600kg	0.0	0.0	0.0	2.0	4.2	Good
	0.4	1.8	3.4	4.9	6.6	Medium
	2.2	3.5	4.9	6.4	8.0	Poor

Heifers

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200kg	0.8	1.4	2.6	Good
	1.7	2.5	3.3	Medium
	2.2	2.9	3.7	Poor
300kg	0.0	0.8	2.3	Good
	1.6	2.5	3.6	Medium
	2.4	3.3	4.3	Poor
400kg	0.0	0.0	2.0	Good
	1.4	2.5	3.8	Medium
	2.5	3.6	4.8	Poor
500kg	0.0	0.0	1.5	Good
	1.0	2.4	3.9	Medium
	2.5	3.8	5.2	Poor
600kg	0.0	0.0	0.9	Good
	0.7	2.2	3.9	Medium
	2.5	3.9	5.2	Poor

The calculations above are based on the following grass silage values

Good	25%DM – ME 11	Good fermentation
Medium	30%DM – ME 10.4	Moderate fermentation
Poor	40%DM – ME 9.8	Butyric fermentation