

Table 2: Tullamore Farm silage requirements winter 2017/2018

Animal class	No.	Average weight	Days	DM required (kg)	From silage	Silage DM requirements (kg)	Quality required	Total required	
Kale suckler cows	50	600	74	46,250	8%	3,700	cow/ad-lib finish		
Post-kale sucklers	50	600	66	39,600	100%	39,600	cow/ad-lib finish		
Dry suckler cows	29	600	114	39,672	90%	35,705	cow/ad-lib finish		
Finishing bull	60	570	206	140,904	15%	21,136	cow/ad-lib finish		BALANCE
Springing heifer	14	550	102	15,708	100%	15,708	cow/ad-lib finish	115,848	200,601
Weanling heifer	51	330	107	36,016	70%	25,211	growing/finishing		
Growing bull	60	425	100	51,000	50%	25,500	growing/finishing		
Cull cows	31	600	69	25,668	50%	12,834	growing/finishing		
Dairy calves kale	60	245	80	23,520	20%	4,667	growing/finishing		
Beef heifer	3	575	69	2,381	50%	1,190	growing/finishing		BALANCE
Ewes	170	60	111	28,305	60%	16,983	growing/finishing	86,386	-77,692
								Absolute surplus	
								DM: 122,910	Fresh: 341,415