

**Table 1: Converting round bales to 25% dry matter pit silage based on bale DM%**

Bale % DM	Equivalent tonnage as 25% DM pit silage
25	0.65
30	0.78
35	0.91
40	1.04

**Table 2: Winter fodder requirement calculator (pit silage @ 25% DM)**

Animal type	A: Monthly requirement	B: No. Stock	C: Feeding period (months)
Dairy cow	1.6t/month		
Suckler cow	1.4t/month		
Weanling 250kg	0.54t/month		
Weanling 350kg	0.7t/month		
Store cattle 500kg	1.3t/month		
10 sheep	1.2t/month		
Total silage requirement			

**Table 3: Alternative fodder options**

	€/tonne	energy	CP	Cost of energy (if barley = €1)	Supplements required	Max feeding rate			
	(fresh weight)	UFL/kg DM	% DM			Dairy cow	suckler cow	finishing	ewe
Rolled barley	175	1.16	10	1.00	long fibre + protein	50	50	50	50
Grass silage (70-72% DMD)	29	0.81	14	0.91		100	100	100	100
Grass silage (64-66% DMD)	29	0.75	14	0.99		100	100	60	60
Grass silage (59-64% DMD)	29	0.69	12	1.07	energy protein +	60	80	40	25
Barley Straw	160	0.44	5	2.27	energy protein +	15	25	25	0
Maize silage (high quality)	47	0.8	8	1.03	protein	75	75	75	75
Whole crop cereal silage (25% starch)	57	0.75	8	1.07	protein	75	75	75	50
Fodder beet	42	1.12	9	1.05	protein	20	30	30	25
Potatoes	35	1.2	11	0.91	long fibre + protein	30	25	20	25
Alkagrain	190	1.16	14	1.15	long fibre	75	75	75	50
Propcorn treated grain	180	1.16	10	1.09	long fibre + protein	75	75	75	50