



Fodder Plan-Winter 2018 Requirement

Section 1. What Fodder is required on the Farm?

	A	B	C	
Animal Type	No. of Stock to be kept over Winter	Number of Months *(Include a 4-6 week reserve)	Pit Silage Needed tones / animal / month	Total tones of Silage Needed Multiply (AxBxC)
Dairy cows			1.6	
Suckler cows			1.4	
0-1 year old			0.7	
1-2 year old			1.3	
2+ year old			1.3	
Ewes			0.15	
Total tonnes needed				D
Total bales needed (tonnes multiplied by 1.25)				E

Section 2. Calculate pit silage conserved & silage to be cut

<u>i. Silage in the pit</u>	Length x breadth x settled height) metres ÷ 1.35 =		Silage in the pit (t) F
	G	H	
<u>ii. Pit silage to be cut</u>	Area (Acres)	Yield t/acre	Total yield (t) (GxH*)
2nd cut			
3rd cut			
Total yield pit silage to be cut			I

	J	K	
<u>iii. Bales</u>	Number of bales	Yield/bale	Total yield (t) (JxK)
1st & 2nd cut bales		0.8 t / bale	
Surplus bales		0.8 t / bale	
Total yield baled silage			L

Section 3. Calculate the surplus / deficit

Total silage demand (D) minus total silage produced (F, I, L) = D-F-I-L	<input type="text"/>
% deficit= (deficit in tonnes ÷ total demand in tonnes) x 100	

