



## Fodder Plan-Winter 2018 Requirement

### Section 1. What Fodder is required on the Farm?

	A	B	C	
<b>Animal Type</b>	<b>No. of Stock to be kept over Winter</b>	<b>Number of Months *(Include a 4-6 week reserve)</b>	<b>Pit Silage Needed tones / animal / month</b>	<b>Total tones of Silage Needed Multiply (AxBxC)</b>
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	
<b>Total tonnes needed</b>				<b>D</b>
<b>Total bales needed (tonnes multiplied by 1.25)</b>				<b>E</b>

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

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

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

### 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	

