

Section 2. Calculate the forage in the yard

<u>i. Pit silage</u>	Length x breadth x settled height metres ÷ 1.35 =	Silage in the pit (t)
		F
<u>ii. Bales of silage</u>	G	H
	Number of bales	Yield / bale
		0.8 t / bale
<u>iii. Other forages</u>	Bales or tonnes	Silage Equivalents (see table below) (t)
	Total Yield of Other Feeds	J
<u>Converting other forages to silage equivalents</u>	Silage Equivalents @25% DM (tonnes)	
20 bales of hay (4x4)	Is equivalent to 16 tonnes fresh silage	
20 bales straw (4x4)	Is equivalent to 10 tonnes fresh silage	
20 tonnes fresh maize silage	Is equivalent to 24 tonnes fresh silage	
20 tonnes fresh whole crop cereal silage	Is equivalent to 32 tonnes fresh silage	
20 tonnes fresh forage crop (kale, rape, hybrid)	Is equivalent to 10 tonnes fresh silage	

Section 3. Calculate the surplus / deficit

Total silage demand (D) minus total silage produced (F, I, J) = D-F-I-J	
% deficit= (deficit in tonnes ÷ total demand in tonnes) x 100	