

# Farm feed costing – forage feeds

Track the Utilised DM cost of a variety of forage feeds on your farm for comparison against benchmarked costs.

**PHOTOCOPY THIS SHEET TO ALLOW REPEATED USE**

	Forage type (grazed grass, first cut silage, multi-cut silage, big bale silage, wholecrop cereals, maize silage, fodder beet, etc.)					
	A	B	C	D	E	F
<b>Element</b>						
1 Utilised DM yield (t/ha)						
2 Establishment costs (£/ha)						
3 Variable costs (£/ha)						
4 Contractor costs (£/ha)						
5 Total cash cost (£/ha)						
6 Cash cost (£/t utilised DM)						
7 Land charge (£/ha)						
8 Land charge (£/t utilised DM)						
9 Depreciation (£/t utilised DM)						
10 Sub-total (£/t utilised DM)						
11 On farm cost (£/t utilised DM)						
12 Feed out costs (£/t utilised DM)						
13 Total cost (£/t utilised DM)						

- Row 1. Estimate DM yield (from actual farm data or Table 5.3).  
 Row 2. Quantify establishment costs (from actual farm data or DairyCo Grass+ Table 2.4).  
 Row 3. Quantify variable costs of production (from actual farm data or DairyCo Grass+ Table 2.4).  
 Row 4. Quantify contractor costs (from actual farm data or DairyCo Grass+ Table 2.4).  
 Row 5. Calculate total cash costs (row 2 + row 3 + row 4).  
 Row 6. Convert cash cost to utilised DM/tonne (row 5 ÷ row 1).  
 Row 7. Make a charge for the land (from actual farm data or values provided in Table 5.4).  
 Row 8. Convert land charge to utilised DM/tonne (row 7 ÷ row 1).  
 Row 9. Account for depreciation costs (from actual farm data or values provided in Table 5.4).  
 Row 10. Subtotal cost per tonne utilised DM (row 6 + row 9).  
 Row 11. Calculate on-farm cost per tonne utilised DM (row 8 + row 10).  
 Row 12. Account for post-harvest and feeding-out losses (from actual farm data or DairyCo Grass+ Factsheet 1).  
 Row 13. Calculate total cost per tonne utilised DM (row 11 + row 12).

See over

# Farm feed costing – non-forage feeds

Track the Utilised DM cost of a variety of non-forage feeds on your farm for comparison against benchmarking feed costs.

**PHOTOCOPY THIS SHEET TO ALLOW REPEATED USE**

		Non-forage feed (rolled barley, 18% dairy cake, beet pulp, brewers grains, etc)					
		A	B	C	D	E	F
Row	Element						
1	Utilised DM yield (t/ha)						
2	Establishment costs (£/ha)						
3	Variable costs (£/ha)						
4	Contractor costs (£/ha)						
5	Total cash cost (£/ha)						
6	<b>Cash cost (£/t utilised DM)</b>						
7	Land charge (£/ha)						
8	Land charge (£/t utilised DM)						
9	Depreciation (£/t utilised DM)						
10	Sub-total (£/t utilised DM)						
11	On farm cost (£/t utilised DM)						
12	Feed out costs (£/t utilised DM)						
13	<b>Total cost (£/t utilised DM)</b>						

Example: 18% dairy cake @ £140/tonne and 86% DM.

**Row 6.** Calculate cost/tonne of DM ( $£140 \times 100 \div 86 = £162.8$ ).

**Row 9.** Establish depreciation cost of storage bin (£0.5/tonne DM).

**Row 10.** Subtotal costs (£162.8 + £0.5 = £163.3).

**Row 12.** Establish feeding out costs (£1.90/tonne DM).

**Row 13.** Calculate total cost of feed/tonne utilised DM ( $163.3 + £1.9 = £165.2$ ).