

HOW MUCH FODDER DO YOU NEED THIS DRY PERIOD?

*Refer over-page to convert between bales & tonnes

+All weights are 'as-fed'

Milkers

No. you will carry from [fodder start date] until end of June? _____ cows (A)

How many days you will feed fodder & concentrate til June? _____ days (B)

What level of **silage** will you feed (kg/hd/day) _____ (C)

What level of **hay** will you feed (kg/hd/day) _____ (D)

Total **silage** = A X B X C = _____ (E)

Total **hay** = A X B X D = _____ (F)

Dries (optional)

_____ (No of dry cows) X _____ (No of days dry) X _____ (kg **hay**/hd/day) = _____ (G)

Young Stock

Rising 2 YO: _____ (No) X _____ (days) X _____ (kg **silage**/hd/day) = _____ (H)

Rising 2YO: _____ (No) X _____ (days) X _____ (kg **hay**/hd/day) = _____ (I)

Calves: _____ (No) X _____ (days) X _____ (kg **silage**/hd/day) = _____ (J)

Calves: _____ (No) X _____ (days) X _____ (kg **hay**/hd/day) = _____ (K)

SILAGE

Total **silage** needed =(E +H +J)/1000 = _____

Silage on hand at end of Spring* = _____ t

Silage difference = _____ tonne

HAY

Total **hay** needed =(F +G +I +K)/1000=_____

Hay on hand at end of Spring* = _____ t

Hay difference = _____ tonne

**WARNING! – DO NOT DO THIS CALCULATION
STANDING UP OR ON YOUR OWN!**

To discuss this, contact a
DPI Dairy Extension Officer on 5561 9946 (Warrnambool) or 5233 5504 (Colac)
or your *Factory Field Officer*

As-Fed and Dry Matter Content of Hay and Silage Bales

	Bale type	Weight (as-fed kg)	Dry Matter (%)	Dry weight (kg)
Hay	4X4 round	250	85	215
	5X4 round	350	85	300
	5X6 round	500	85	425
	8X3X3 square	300	85	255
	8X4X3 square	600	85	510
	8X4X4 square	750	85	640
Silage	4X4 round	700	40	280
	1 cubic metre (wilted)	580	30	175
	1 cubic metre (direct cut)	830	18	115
	1 cubic metre maize silage	500	35	175

As a guide, an average SW dairy cow may eat

0.8 – 1.0 tonne hay

0.5 – 1.0 tonne silage

1.0 – 1.7 tonne grain *in a year* (plus pasture)

As a guide, average dairy stock may eat

15-20 kg of good quality feed/milker

10-12 kg of good quality feed/Rising 2yo

6-8 kg of good quality feed/calf *in a day*

HOW MUCH CONCENTRATE DO YOU NEED OVER THE DRY?

Milkers

What level of concentrate will you feed? (kg/hd/day) _____ kg (K)

Total concentrate = A X B (from page 1) X K = _____ kg (L)

Young Stock

Rising 2YO: _____ (No of R2yo) X _____ (No of days) X _____ (kg conc/hd/day) = _____ kg (M)

Calves: _____ (No of calves) X _____ (No of days) X _____ (kg conc/hd/day) = _____ kg (N)

Total

Total concentrate required = (L + M + N)/1000 = _____ tonne

Used and adapted with permission from John Mulvany, OnFarm Consulting, October 2006 by J Coulson. This sheet is an initiative of the SW Regional (Dairy) Extension Committee – contact chair Laurie Hickey on 0418 500 756 for more info.