

SHORT TERM (14 day)

Emergency Feed & Water Budget

HAY NEEDED BY ANIMALS					HAY AVAILABLE			FEED REQUIRED	
TYPE OF ANIMAL e.g. Beef cow, sheep etc	CLASS e.g. Lactating, dry etc	NUMBER OF HEAD	HAY NEEDED PER HEAD (KG) Refer to table 1	TONNES REQUIRED PER DAY	TONNES REQUIRED PER FORTNIGHT	NUMBER BALES ON HAND e.g. Beef cow, sheep etc	WEIGHT OF BALES (KG)	TONNES ON HAND	ADDITIONAL FEED REQUIRED PER FORTNIGHT (TONNES)
a	b	c	d	e	f	g	h	i	j
				$e = (c \times d) / 1000$	$f = e \times 14$			$i = (g \times h) / 1000$	$j = f - i$







TABLE 1 — DAILY FEED REQUIREMENTS (AS FED WEIGHTS): Based on pasture hay average 9 MJME/kgDM, 9% CP and 60% NDF		
SHEEP, GOATS, ALPACAS 	Dry	1.0 kg
	Late Pregnancy	1.0 kg Hay + 0.5 kg Grain/pellets
	Lactating Single	0.5 kg Hay + 1.5 kg Grain/pellets
	Lactating Twin	0.5 kg Hay + 2.0 kg Grain/pellets
BEEF CATTLE 	Dry	11 kg
	Point of calving	15 kg
	Lactating	18 kg** Grain/pellets required to supplement hay
DAIRY CATTLE 	Dry Fresian	11 kg
	Dry Jersey	9.5 kg
	Lactating Fresian	24 kg** Grain/pellets required to supplement hay
	Lactating Jersey	20 kg** Grain/pellets required to supplement hay
HORSE		11 kg
PONY		6 kg

TABLE 2 — WEIGHT OF HAY BALES (as fed weights)		
SMALL SQUARE		25 kg
LARGE SQUARE	8x3x3	300 kg
	8x4x3	600 kg
	8x4x4	750 kg
ROUND BALES	4x4	250 kg
	5x4	350 kg
	5x6	500 kg

TABLE 3 — WATER REQUIREMENTS	
CATTLE	50–120 litres/day
SHEEP	5–10 litres/day
HORSES	50–100 litres/day
ALPACAS/GOATS	5–10 litres/day

Note: Stock may drink more in hotter weather and when lactating.

WATER CALCULATIONS		
	=	 x 14 = 
Type of animal		Water Requirements L/day L/fortnight
	=	x 14 =
	=	x 14 =
	=	x 14 =
	=	x 14 =

Note: These are very basic feeding guidelines for short-term feeding based on average weight adult livestock. They account for 20% wastage when feeding out. **Hay alone will not provide appropriate levels of protein nor meet energy needs for lactating stock, grain/pellets will need to be added into the diet. Milk production and body condition will be compromised if grain/pellets are not fed to lactating stock. Please consider feed quality before calculating feed budget.