

TABLE H1.4: Approximate Feed Requirement for Dairy Cows on Dry Matter Basis

Cow	Milk/day lb	Predicted Dry Matter Intake/day lb	Roughage ^{1,2} DM lb/day	Concentrate ^{1,3} DM lb/day
Holstein	70	44.5	17.8	26.7
1300 lb	70	44.5	26.7	17.8
	50	39.5	15.8	23.7
	50	39.5	23.7	15.8
	35	34.1	13.6	20.5
	35	34.1	20.5	13.6
Jersey	60	39.2	15.7	23.5
900 lb	60	39.2	23.5	15.7
	45	34.8	13.9	20.9
	45	34.8	20.9	13.9
	30	28.8	11.5	17.3
	30	28.8	17.3	11.5

¹⁾ Roughage to concentrate ratio normally vary between 40:60 and 60:40. Roughage proportion can be higher depending upon forage quality and milk production.

²⁾ Roughage would consist of silage and hay.

³⁾ Concentrate would be grains, protein supplements, by-products and minerals.

TABLE H1.5: Approximate Feed Requirement for Dairy Cows on As Fed Buses.

Feed	Dry Matter %	Dry Matter Intake lb/day	As Fed Intake lb/day
Concentrate	90	26.7	29.7
		23.7	26.3
		20.5	22.8
		17.8	19.8
Silage	30	25	83.3
		20	66.7
		15	50.0
		10	33.3
	40	25	62.5
		20	50.0
		15	37.5
		10	25.0
Hay	85	25	29.4
		20	23.5
		15	17.6
		10	11.8

To get as feed value divide Dry Matter Intake by Dry Matter %.

To get feed required for feeding period multiply As Fed Intake/day by number of days to feed.