

Energy Requirements for Growing Ram Lambs

Sheep requirements (MJME/hd/day) for maintenance and LWG

Liveweight (kg)	MJME Maintenance	Rate of liveweight gain: (grams/hd/day)						
		50	100	200	250	300	350	400
24	5.4	6.6	7.8	10.1	11.3	12.5	13.7	14.9
26	5.8	7.0	8.3	10.8	12.0	13.3	14.5	15.8
28	6.1	7.4	8.7	11.4	12.7	14.1	15.4	16.7
30	6.4	7.8	9.2	12.0	13.4	14.8	16.2	17.7
32	6.7	8.2	9.7	12.7	14.1	15.6	17.1	18.6
34	7.0	8.6	10.2	13.3	14.8	16.4	17.9	19.5
36	7.3	9.0	10.6	13.9	15.5	17.1	18.8	20.4
38	7.7	9.4	11.1	14.5	16.2	17.9	19.6	21.3
40	8.0	9.7	11.5	15.1	16.9	18.7	20.4	22.2
42	8.2	10.1	12.0	15.7	17.5	19.4	21.3	23.1
44	8.5	10.5	12.4	16.3	18.2	20.2	22.1	24.0
46	8.8	10.8	12.9	16.9	18.9	20.9	22.9	24.9
48	9.1	11.2	13.3	17.5	19.6	21.6	23.7	25.8
MJME/Feed	11.0							

Source: 'Pasture and Supplements for Grazing Animals' NZSAP Occasional Publication No. 14, 2007.

Energy Requirements for Growing Ewe and Wether Lambs

Sheep requirements (MJME/hd/day) for maintenance and LWG

Liveweight (kg)	MJME Maintenance	Rate of liveweight gain: (grams/hd/day)						
		50	100	200	250	300	350	400
24	5.4	6.8	8.2	11.0	12.4	13.8	15.2	16.6
26	5.8	7.2	8.7	11.7	13.2	14.7	16.2	17.7
28	6.1	7.7	9.3	12.4	14.0	15.6	17.2	18.8
30	6.4	8.1	9.8	13.2	14.8	16.5	18.2	19.9
32	6.7	8.5	10.3	13.9	15.6	17.4	19.2	21.0
34	7.0	8.9	10.8	14.6	16.4	18.3	20.2	22.1
36	7.3	9.3	11.3	15.3	17.2	19.2	21.2	23.2
38	7.7	9.7	11.8	16.0	18.0	20.1	22.2	24.3
40	8.0	10.1	12.3	16.6	18.8	21.0	23.2	25.3
42	8.2	10.5	12.8	17.3	19.6	21.9	24.1	26.4
44	8.5	10.9	13.3	18.0	20.4	22.8	25.1	27.5
46	8.8	11.3	13.8	18.7	21.2	23.6	26.1	28.6
48	9.1	11.7	14.2	19.4	21.9	24.5	27.1	29.6
MJME/Feed	11.0							

Source: 'Pasture and Supplements for Grazing Animals' NZSAP Occasional Publication No. 14, 2007.