|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Type | Breed | Age/Sex | Period | Mass (kg) | Gain (g/d) | Milk (kg/d) | ME (MJ/d) |
| Cattle | Beef | Cows | 2 mos pre calving | 400 |  |  | 91 |
| Cattle | Beef | Cows | 2 mos pre calving | 450 |  |  | 98 |
| Cattle | Beef | Cows | 2 mos pre calving | 500 |  |  | 105 |
| Cattle | Beef | Cows | 2 mos pre calving | 550 |  |  | 112 |
| Cattle | Beef | Cows | 3-4 mos post calving | 400 |  |  | 113 |
| Cattle | Beef | Cows | 3-4 mos post calving | 450 |  |  | 117 |
| Cattle | Beef | Cows | 3-4 mos post calving | 500 |  |  | 122 |
| Cattle | Beef | Cows | 3-4 mos post calving | 550 |  |  | 127 |
| Cattle | Beef | Cows | 2nd half lactation | 400 |  |  | 92 |
| Cattle | Beef | Cows | 2nd half lactation | 450 |  |  | 101 |
| Cattle | Beef | Cows | 2nd half lactation | 500 |  |  | 109 |
| Cattle | Beef | Cows | 2nd half lactation | 550 |  |  | 117 |
| Cattle | Beef | Bulls | Not coupling | 800 |  |  | 83.2 |
| Cattle | Beef | Bulls | Avg load | 800 |  |  | 90 |
| Cattle | Beef | Bulls | Inc load | 800 |  |  | 110 |
| Cattle | Beef | Heifers | 9-10 mos | 244 | 575 |  | 69 |
| Cattle | Beef | Heifers | 9-10 mos | 260 | 675 |  | 78 |
| Cattle | Beef | Heifers | 11-12 mos | 277 | 575 |  | 76 |
| Cattle | Beef | Heifers | 11-12 mos | 300 | 675 |  | 85 |
| Cattle | Beef | Heifers | 13-14 mos | 311 | 575 |  | 83 |
| Cattle | Beef | Heifers | 13-14 mos | 340 | 675 |  | 94 |
| Cattle | Beef | Heifers | 15-16 mos | 345 | 575 |  | 90 |
| Cattle | Beef | Heifers | 15-16 mos | 380 | 675 |  | 104 |
| Cattle | Beef | Heifers | 17-20 mos | 413 | 575 |  | 105 |
| Cattle | Beef | Heifers | 17-20 mos | 420 | 675 |  | 112 |
| Cattle | Beef | Bull calves | 9-10 mos | 279 | 825 |  | 72 |
| Cattle | Beef | Bull calves | 9-10 mos | 285 | 925 |  | 79 |
| Cattle | Beef | Bull calves | 11-12 mos | 330 | 825 |  | 80 |
| Cattle | Beef | Bull calves | 11-12 mos | 340 | 925 |  | 88 |
| Cattle | Beef | Bull calves | 13-14 mos | 379 | 825 |  | 86 |
| Cattle | Beef | Bull calves | 13-14 mos | 396 | 925 |  | 94 |
| Cattle | Beef | Bull calves | 15-16 mos | 428 | 825 |  | 92 |
| Cattle | Beef | Bull calves | 15-16 mos | 451 | 925 |  | 102 |
| Cattle | Beef | Calves | 0-6 mos |  |  |  | 32 |
| Cattle | Beef | Calves | 6-9 mos |  |  |  | 54.6 |
| Cattle | Beef | Calves | 10-12 mos |  |  |  | 78.5 |
| Cattle | Beef | Calves | 13-15 mos |  |  |  | 93.5 |
| Cattle | Dairy | Cows | Milking 1st half | 400 |  | 6 | 72.5 |
| Cattle | Dairy | Cows | Milking 1st half | 400 |  | 10 | 106 |
| Cattle | Dairy | Cows | Milking 1st half | 400 |  | 14 | 127.5 |
| Cattle | Dairy | Cows | Milking 1st half | 400 |  | 18 | 149 |
| Cattle | Dairy | Cows | Milking 1st half | 400 |  | 22 | 172.5 |
| Cattle | Dairy | Cows | Milking 1st half | 400 |  | 26 | 197.5 |
| Cattle | Dairy | Cows | Milking 1st half | 400 |  | 30 | 227.5 |
| Cattle | Dairy | Cows | Milking 2nd half | 400 |  | 5 | 61 |
| Cattle | Dairy | Cows | Milking 2nd half | 400 |  | 7 | 83.5 |
| Cattle | Dairy | Cows | Milking 2nd half | 400 |  | 9 | 100.5 |
| Cattle | Dairy | Cows | Milking 1st half | 500 |  | 6 | 79.5 |
| Cattle | Dairy | Cows | Milking 1st half | 500 |  | 10 | 115 |
| Cattle | Dairy | Cows | Milking 1st half | 500 |  | 14 | 137 |
| Cattle | Dairy | Cows | Milking 1st half | 500 |  | 18 | 158 |
| Cattle | Dairy | Cows | Milking 1st half | 500 |  | 22 | 180.5 |
| Cattle | Dairy | Cows | Milking 1st half | 500 |  | 26 | 205.5 |
| Cattle | Dairy | Cows | Milking 1st half | 500 |  | 30 | 230.5 |
| Cattle | Dairy | Cows | Milking 2nd half | 500 |  | 5 | 65 |
| Cattle | Dairy | Cows | Milking 2nd half | 500 |  | 7 | 94.5 |
| Cattle | Dairy | Cows | Milking 2nd half | 500 |  | 9 | 109.5 |
| Cattle | Dairy | Cows | Dry or sterile | 400 |  | 0 | 66 |
| Cattle | Dairy | Cows | Dry or sterile | 500 |  | 0 | 78 |
| Cattle | Dairy | Cows | Dry or sterile | 400 |  | 0 | 78 |
| Cattle | Dairy | Cows | Dry or sterile | 500 |  | 0 | 86 |
| Cattle | Dairy | Bulls | Not coupling | 600 |  |  | 70 |
| Cattle | Dairy | Bulls | Not coupling | 700 |  |  | 78 |
| Cattle | Dairy | Bulls | Not coupling | 800 |  |  | 84 |
| Cattle | Dairy | Bulls | Not coupling | 900 |  |  | 91 |
| Cattle | Dairy | Bulls | Not coupling | 1000 |  |  | 97 |
| Cattle | Dairy | Bulls | Not coupling | 1100 |  |  | 102 |
| Cattle | Dairy | Bulls | Not coupling | 1200 |  |  | 108 |
| Cattle | Dairy | Bulls | Avg load | 600 |  |  | 76 |
| Cattle | Dairy | Bulls | Avg load | 700 |  |  | 83 |
| Cattle | Dairy | Bulls | Avg load | 800 |  |  | 90 |
| Cattle | Dairy | Bulls | Avg load | 900 |  |  | 97 |
| Cattle | Dairy | Bulls | Avg load | 1000 |  |  | 104 |
| Cattle | Dairy | Bulls | Avg load | 1100 |  |  | 110 |
| Cattle | Dairy | Bulls | Avg load | 1200 |  |  | 117 |
| Cattle | Dairy | Bulls | Inc load | 600 |  |  | 92 |
| Cattle | Dairy | Bulls | Inc load | 700 |  |  | 102 |
| Cattle | Dairy | Bulls | Inc load | 800 |  |  | 110 |
| Cattle | Dairy | Bulls | Inc load | 900 |  |  | 119 |
| Cattle | Dairy | Bulls | Inc load | 1000 |  |  | 127 |
| Cattle | Dairy | Bulls | Inc load | 1100 |  |  | 134 |
| Cattle | Dairy | Bulls | Inc load | 1200 |  |  | 141 |
| Sheep | Wool | Ewes | Preg 1st half | 50 |  |  | 12.5 |
| Sheep | Wool | Ewes | Preg 1st half | 60 |  |  | 13.5 |
| Sheep | Wool | Ewes | Preg 2nd half | 50 |  |  | 14.5 |
| Sheep | Wool | Ewes | Preg 2nd half | 60 |  |  | 16.5 |
| Sheep | Meat/wool | Ewes | Preg 1st half | 60 |  |  | 12.1 |
| Sheep | Meat/wool | Ewes | Preg 1st half | 70 |  |  | 13 |
| Sheep | Meat/wool | Ewes | Preg 2nd half | 60 |  |  | 16 |
| Sheep | Meat/wool | Ewes | Preg 2nd half | 70 |  |  | 17.2 |
| Sheep | Meat/tallow | Ewes | Preg 1st half | 60 |  |  | 13.5 |
| Sheep | Meat/tallow | Ewes | Preg 1st half | 70 |  |  | 14.5 |
| Sheep | Meat/tallow | Ewes | Preg 2nd half | 60 |  |  | 17.5 |
| Sheep | Meat/tallow | Ewes | Preg 2nd half | 70 |  |  | 18.5 |
| Sheep | Wool | Ewes | Suckling 1st half | 50 |  |  | 20 |
| Sheep | Wool | Ewes | Suckling 1st half | 60 |  |  | 23 |
| Sheep | Wool | Ewes | Suckling 2nd half | 50 |  |  | 15.5 |
| Sheep | Wool | Ewes | Suckling 2nd half | 60 |  |  | 17 |
| Sheep | Meat/wool | Ewes | Suckling 1st half | 60 |  |  | 22 |
| Sheep | Meat/wool | Ewes | Suckling 1st half | 70 |  |  | 23 |
| Sheep | Meat/wool | Ewes | Suckling 2nd half | 60 |  |  | 18.4 |
| Sheep | Meat/wool | Ewes | Suckling 2nd half | 70 |  |  | 19.2 |
| Sheep | Meat/tallow | Ewes | Suckling 1st half | 60 |  |  | 21 |
| Sheep | Meat/tallow | Ewes | Suckling 1st half | 70 |  |  | 22 |
| Sheep | Meat/tallow | Ewes | Suckling 2nd half | 60 |  |  | 18.5 |
| Sheep | Meat/tallow | Ewes | Suckling 2nd half | 70 |  |  | 19.5 |
| Sheep | Wool & meat/wool | Rams | Not coupling | 90 |  |  | 19 |
| Sheep | Wool & meat/wool | Rams | Not coupling | 100 |  |  | 20 |
| Sheep | Wool & meat/wool | Rams | Not coupling | 110 |  |  | 21 |
| Sheep | Meat/tallow | Rams | Not coupling | 80 |  |  | 19 |
| Sheep | Meat/tallow | Rams | Not coupling | 90 |  |  | 20 |
| Sheep | Meat/tallow | Rams | Not coupling | 100 |  |  | 21 |
| Sheep | Wool & meat/wool | Rams | Coupling | 90 |  |  | 24 |
| Sheep | Wool & meat/wool | Rams | Coupling | 100 |  |  | 25 |
| Sheep | Wool & meat/wool | Rams | Coupling | 110 |  |  | 26 |
| Sheep | Meat/tallow | Rams | Coupling | 80 |  |  | 24 |
| Sheep | Meat/tallow | Rams | Coupling | 90 |  |  | 25 |
| Sheep | Meat/tallow | Rams | Coupling | 100 |  |  | 26 |
| Sheep | Wool | Ewe lambs | 4-6 mos | 27.5 |  |  | 8.525 |
| Sheep | Wool | Ewe lambs | 6-8 mos | 33 |  |  | 9.625 |
| Sheep | Wool | Ewe lambs | 8-10 mos | 38 |  |  | 10.725 |
| Sheep | Wool | Ewe lambs | 10-12 mos | 41 |  |  | 11 |
| Sheep | Wool | Ewe lambs | 12-18 mos | 46 |  |  | 11.275 |
| Sheep | Meat/wool | Ewe lambs | 4-6 mos | 38.5 |  |  | 11 |
| Sheep | Meat/wool | Ewe lambs | 6-8 mos | 38.5 |  |  | 12.1 |
| Sheep | Meat/wool | Ewe lambs | 8-10 mos | 43 |  |  | 13.2 |
| Sheep | Meat/wool | Ewe lambs | 10-12 mos | 47.5 |  |  | 14.025 |
| Sheep | Meat/wool | Ewe lambs | 12-18 mos | 51.5 |  |  | 14.025 |
| Sheep | Wool | Ram lambs | 4-6 mos | 32 |  |  | 11.275 |
| Sheep | Wool | Ram lambs | 6-8 mos | 39.5 |  |  | 12.43 |
| Sheep | Wool | Ram lambs | 8-10 mos | 45 |  |  | 13.75 |
| Sheep | Wool | Ram lambs | 10-12 mos | 49.5 |  |  | 15.18 |
| Sheep | Wool | Ram lambs | 12-18 mos | 61.5 |  |  | 15.4 |
| Sheep | Meat/wool | Ram lambs | 4-6 mos | 36.5 |  |  | 13.2 |
| Sheep | Meat/wool | Ram lambs | 6-8 mos | 44.5 |  |  | 14.3 |
| Sheep | Meat/wool | Ram lambs | 8-10 mos | 52.5 |  |  | 15.4 |
| Sheep | Meat/wool | Ram lambs | 10-12 mos | 60 |  |  | 16.775 |
| Sheep | Meat/wool | Ram lambs | 12-18 mos | 70 |  |  | 17.325 |
| Horses | Meat | Stallions |  | 350 | 1000 |  | 93.2 |
| Horses | Meat | Stallions |  | 400 | 1000 |  | 97.4 |
| Horses | Meat | Stallions |  | 450 | 1000 |  | 101 |
| Horses | Meat | Stallions |  | 500 | 1000 |  | 108.8 |
| Horses | Meat | Stallions |  | 550 | 1000 |  | 112 |
| Horses | Meat | Stallions |  | 600 | 1000 |  | 122.4 |
| Horses | Meat | Foals | 0-1 mos | 70 | 1300 |  | 42 |
| Horses | Meat | Foals | 1-2 mos | 105 | 1000 |  | 45 |
| Horses | Meat | Foals | 2-3 mos | 133.5 | 900 |  | 47 |
| Horses | Meat | Foals | 3-4 mos | 160.5 | 900 |  | 52 |
| Horses | Meat | Foals | 4-5 mos | 187.5 | 900 |  | 56 |
| Horses | Meat | Foals | 5-6 mos | 214.5 | 900 |  | 60 |
| Horses | Meat | Foals | 6-7 mos | 235.5 | 900 |  | 60 |
| Horses | Meat | Foals | 7-8 mos | 258 | 1000 |  | 71 |
| Horses | Meat | Foals | 8-9 mos | 291 | 1300 |  | 88 |
| Horses | Milk | Mares |  |  | 400 | 10 | 84.8 |
| Horses | Milk | Mares |  |  | 400 | 12 | 92.1 |
| Horses | Milk | Mares |  |  | 400 | 14 | 98.4 |
| Horses | Milk | Mares |  |  | 500 | 14 | 105.7 |
| Horses | Milk | Mares |  |  | 500 | 16 | 113.1 |
| Horses | Milk | Mares |  |  | 500 | 18 | 120.4 |
| Horses | Milk | Mares |  |  | 500 | 20 | 126.5 |