Comparative stocking rate
(kgLWT/tDM)

Step One: Calculate kg LWT/ha

Total number of cows milked at peak = _____ **a**

Farm area (effective area) = _____ ha **b**

Cow liveweight (average) = _____ kg **c**

a ÷ **b** x **c** = _____ kgLWT/ha **(A)**

Step Two: Calculate tDM available/ha

Pasture produced on milking area = _____ DM/Ha

Adjustment for non-ryegrass species _____tDM/ha x _____% = _____ DM/Ha

Nitrogen fertiliser used (calculate below) = _____ DM/Ha

_____t Urea x 46% x 1000 kg x 10kgDM divided by farm area OR _____kg N/ha used x 10 kgDM/kgN

Total pasture grown (effective area) = _____ **DM/Ha**

Imported feed

_____bales baleage x _____bale equivalents x 18kg DM / farm area = _____ DM/Ha

_____m3 silage x _____kg DM/m3 / farm area = _____ DM/Ha

_____bales hay x _____bale equivalents x 15kg DM / farm area = _____ DM/Ha

_____days grazing off x _____cows x _____kg DM/cow/day / farm area = _____ DM/Ha

_____Ha crop x _____tonnes (crop yield) x 1000 / farm area = _____ DM/Ha

_____tonnes meal x 1000kg x 85% / farm area = _____ DM/Ha

Other purchased feeds

_____ / farm area = _____ DM/Ha

_____ / farm area = _____ DM/Ha

Total imported feed = _____ **DM/Ha**

tDM Available = (Total pasture grown + Total imported feed) / 1000 kg = _____ **tDM/ha (B)**

Step Three: Young stock adjustment

_____ calves x 3.5–4.0DM/day x _____ days / farm area = _____

_____ heifers x 6.0–7.0DM/day x _____ days / farm area = _____

Total feed used by young stock ÷ 1000 kg = _____ **tDM/ha (C)**

Step Four: Divide kgLWT/ha by tDM/ha

kg LWT/ha = _____ **(A)**

tDM available/ha = _____ **(B)**

Young stock adjustment = _____ **(C)**

Net feed for dairy production (**B** - **C**) = _____ **(D)**

Comparative stocking rate (**A** ÷ **D**) = _____ **kgLWT/tDM**