

Hedgerow Woodfuel Audit Quick Appraisal

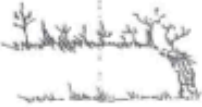







CORDIALE

Managing Landscape Change

Brittany | South West England | Normandy

Table 3: Quick appraisal of the standing biomass and available energy in different hedge types. Illustrations by Heather Harley. See also photographs opposite.

Illustration	Description of hedge type	Volume of green chips per 100m (m ³)	Weight of green (45% MC) chips per 100m (tonnes)	Energy content of seasoned (30% MC) chips per 100m (MWh)
1 	Bare bank with woody shrubs absent or less than 1m high - typical of hedges in very exposed places, or which are cut very short, or which have been recently planted.	0	0	0
2 	Shrubs are 1-3m high and 2-3m wide - typical of flailed hedges.	6.5	2	5
3 	Shrubs are 4-5m high and wide - typical of hedges ready for laying. The larger stems present will be 10-15cm in diameter.	20	6	15
4 	Shrubs are 6-7m high - typical of hedges ready for coppicing. The larger stems present will be 15-20 cm in diameter.	40	12	30
5 	Woody stems over 8m high, appearing as a line of semi-mature trees, often with a shrub layer beneath. The larger stems present will be 20-25 cm in diameter.	80	25	63
6 	Line of mature or nearly mature trees (often with no shrub layer beneath due to dense shade).	165	50	125

Notes on Table 3.

1. Only the current standing crop, not the potential crop is assessed.
2. Figures are based on completely cutting down the growth (i.e. coppicing it) and chipping it all.
3. Note that the figures are per 100m of hedge. Adjustment will need to be made for the actual length of hedge assessed and any gaps within it.
4. It is assumed that mature hedgerow trees are retained where these are either isolated (i.e. canopies do not touch) or contain veteran features (e.g. hollows and rot holes).
5. MC = Moisture Content. MWh = Megawatt hour.



TamarValley
Area of Outstanding Natural Beauty

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