

Common Basal Area Factors Values

Many people have asked, if I sample with English based point sampling equipment, what is the metric basal area factor for that equipment. Here is a table of metric BAF for common English BAF values (table 1). And then, the English Basal Area Factors for common metric BAF (table 2).

Table 1. Common English BAF and the metric BAF for that equipment.

English BAF (Square feet per acre)	Metric BAF (Square meters per hectare)
5	1.148
10	2.296
15	3.444
20	4.592
25	5.74
30	6.888
40	9.184
80	18.368

Table 2. Common Metric BAF and the English BAF for that equipment.

Metric BAF (Square meters per hectare)	English BAF (Square feet per acre)
1	4.356
2	8.712
3	13.068
4	17.424

References

Husch, B., T. W. Beers, and J. A. Kershaw, Jr.. 2003. Forest Mensuration. Fourth Edition. Krieger Publishing Co., Malabar, Florida 443 p.

