

*Short communication: a survey of grass-clover ley management and creation of a near infra-red reflectance spectroscopy equation to predict clover concentration*

Article

Supplemental Material

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**Supplementary Table 1** A list of questions that were asked within a questionnaire given to farmers that offered a grass-clover silage sample for inclusion in a dataset to test and improve Near Infra-red Reflectance Spectroscopy equations in the UK. Questions related to agronomy and ensiling practices used on the sward from which the sample originated.

Question number	Question	Number of respondents
1	Establishment date	59
2	Establishment method	59
3	Age of pasture	61
4	Grass varieties sown (and rate)	49(44)
5	Clover varieties sown (and rate)	46(43)
6	Applications prior to cutting (including FYM/slurry/chemicals)	45
7	Cutting date	62
8	Silage cut (i.e. 1 <sup>st</sup> , 2 <sup>nd</sup> )	59
9	Estimated clover percentage in sward	55
10	Weed problems	48
11	Time wilted (in hours)	60
12	Chop length (in cm, where applicable)	33
13	Clamp type (where applicable)	34
14	Bale wrap layers (where applicable)	43
15	Dry matter of silage	26
16	Additives used	30
17	Silage analysis (if known)	
17(a)	Metabolisable energy	18
17(b)	Protein	19
17(c)	Fibre	15
17(d)	Ash	17
17(e)	D value	17