Table 3 Variables for statistical model development

Variable Name	Description	Units
GFRAC	Actual grass fraction in the sample	kg kg^{-1} DM
LBP	Local binary pattern-generated estimate of the grass fraction in the sample	kg kg^{-1} DM
AMAX	Maximum height of terminal alfalfa bud in the sample	cm
GMAX	Maximum height of tallest extended grass leaf in the sample	cm
GPY	Mean grass canopy height in the sample	cm
GSP	Grass species in the sample; Categorical variable with four nominal categories: timothy, orchardgrass, reed canarygrass, and quackgrass	
LT	Lighting conditions in the image; Binary variable: sunny or shaded	