ASKBILL as a web based program to enhance sheep wellbeing and productivity: Animal growth model

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ASKBILL is a web-based program that uses farm measurements, climate data and information on genetics to predict pasture growth, animal performance and animal health and climate risks. The program uses several biophysical models, and the animal growth model can be used estimate supplementary feeding rates required to achieve target live weights and body condition scores and stocking rates required to achieve target pasture levels. The models can be customized for a farm and its livestock and are automatically updated daily to enable early-stage alerts to users when animal and pasture targets are unlikely to be met.