

Session 11: Recent developments in genomic evaluations: New traits, new populations. Chairs: Andrew Cromie, María Jesús Carabaño

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GENOMIC SELECTION IN SPANISH DAIRY SHEEP BREEDS

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This paper presents the situation of the implementation of genomic selection in Spanish dairy sheep breeds, both native and foreign. Although in all cases the methodology used is the same (SSGBLUP) and an increase in the reliability of the estimates is observed, the work shows the existing variability in the dimension of this increase (15%-60%), in the criterion of genotyping used in each of them (sex, number and type of animal) and in the characters and models used. Likewise, a reflection is made on the transfer of these results to farmers and on the expectations, contributions and methodological and organizational challenges associated with the implementation of genomic selection

