



This work will deliver new knowledge and novel clover and grass germplasm to forage plant breeders before 2020 through a pipeline of trait identification, introgression, and proof of function, exploiting valuable nutrient use and stress traits in the primary and secondary gene pools of white clover and ryegrass. Genomic Selection methods (Impact Statement 1), genetic analysis and allele mining will be applied selectively to the germplasm to elucidate the source and genetic control of key traits and, in the medium term, to facilitate faster and wider plant screening. Maximum use will be made of all experimental populations to pyramid benefits into a narrow range of pre-commercial germplasm.

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