



Miscanthus Breeding Time Line



IBERS Athrofa y Gwyddorau Biolegol, Amgylcheddol a Gwledig
Institute of Biological, Environmental and Rural Sciences



BBSRC
 Basic science
 ISPG: Pheno - and genotypic characterisation
 BSPEC: Carbon capture
 CSP: Resilience

GNT-10

1990

- EU FP3, 4, 6: MISCANTHUS Networks / Improvement

2001

- Commercial Tinplant/JKI: German breeding

2004

- DEFRA: IBERS starts *Miscanthus* Breeding

2006

- Wild germplasm collections begin

- CERES: Breeding collection, characterisation

2011

- GIANT: Hi-thru-put breeding developing 'GNT' hybrids

- EU OPTIMISC: Geno x Hybrid Multi-location plot trials

- EU MISCOMAR: Contaminated and Marginal

2016

- MUST: Upscaling seed hybrids

2019

Registration & licensing:
'GNT' clonal and seeded hybrids

- EU GRACE: Demonstration of seeded hybrids in Croatia, France, Germany, Netherlands, Italy, Poland and UK with 10 industrial biomass value chains

2022

