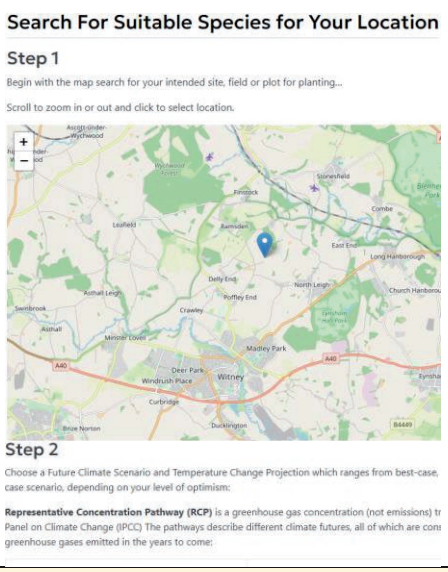
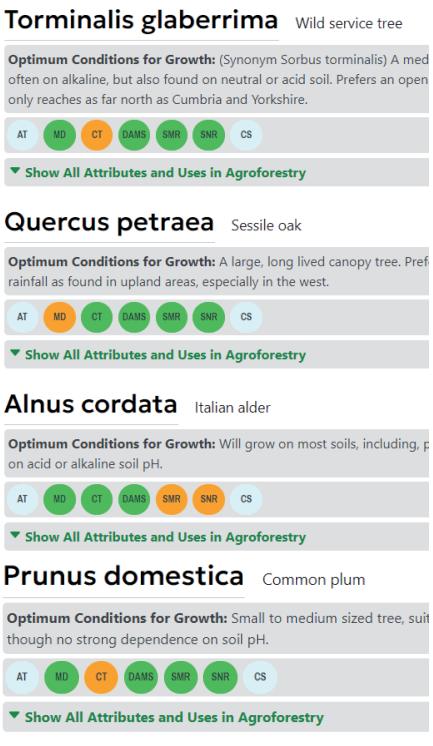
Agroforestry Pollinator Plantations 4 the Future

APP4Future is a free to use interactive map to predict how future climate scenarios may impact tree species suitability for long-term survival on specific planting sites in England. Forest Research scientists have put together an Ecological Site Classification (ESC) climate prediction tool which assesses how site and soil may be impacted by predicted climate future extremes, such as rainfall, drought, wind-speeds, and temperatures. APP4Future also provides in-depth information on tree species beneficial for pollinators and suitable for growing in the British Isles.

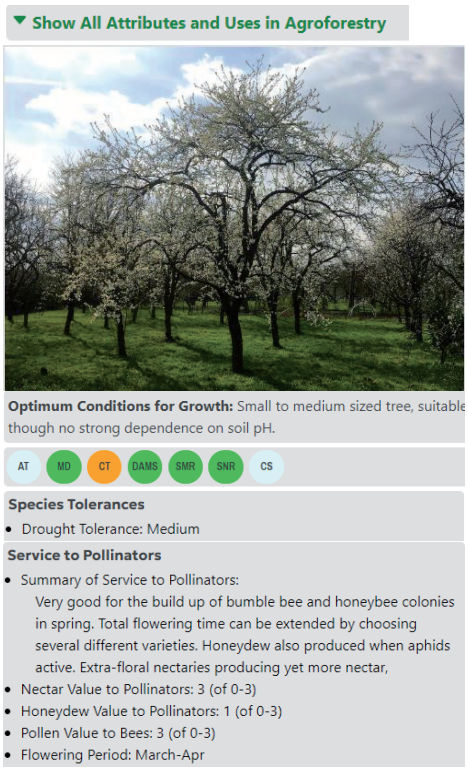
Firstly plot your intended tree-planting site on the interactive map. Then choose one of four future climate scenarios based on the Intergovernmental Panel on Climate Change (IPCC) greenhouse gas concentration trajectory. The pathways describe different climate futures, all of which are considered possible depending on the volume of greenhouse gases emitted in the years to come.



From Forest Research's tool ESC you will see all of the tree species displayed with a traffic lights key showing suitability variables for that site, and how compatible this site is with each tree species.



Finally all the attributes and uses in agroforestry will be displayed for each species. This information provides key facts for possible farming diversification and benefits to pollinators.



APP4Future was funded by Defra through their Farming Innovation Programme and delivered in partnership with Innovate UK. A collaboration between Bee Happy Plants & Seeds, Forest Research and the Soil Association, this project's aim is to provide knowledge for the public good.

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