





Adapting to a Changing Climate

Kelly Hewson-Fisher
29th March 2023

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Why is water important?




Farmers use less than 2% of the total water abstracted in the UK.

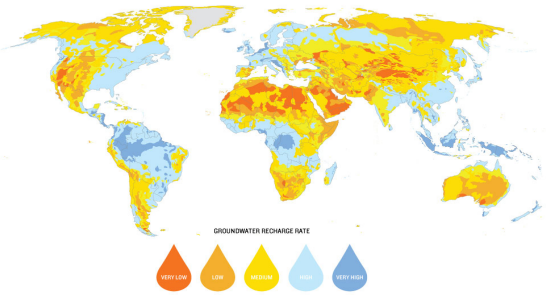
SOURCE: Water usage on farms: results from the Farm Business Survey England 2016/17; Defra/CNS, January 2017

Water for Food

Food Production
Food Security
Global Water Scarcity
Employment
Ecosystem Services
Tourism
Economic Growth




UK horticulture growth strategy






GROUNDWATER RECHARGE RATE

● VERY LOW
 ● LOW
 ● MEDIUM
 ● HIGH
 ● VERY HIGH





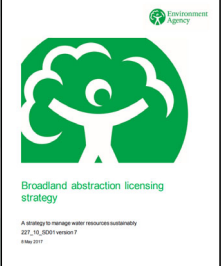
WATER IS AN ESSENTIAL INGREDIENT IN GROWING AND PROCESSING THE HIGH QUALITY FOOD WE ALL NEED.




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Challenges

- Weather
 - Climate change – drier summers, wetter winters
 - Drought / flooding
- Regulation
 - Environmental protection and restoration
 - Time for change
- Other challenges
 - Population growth








Environment Act 2021

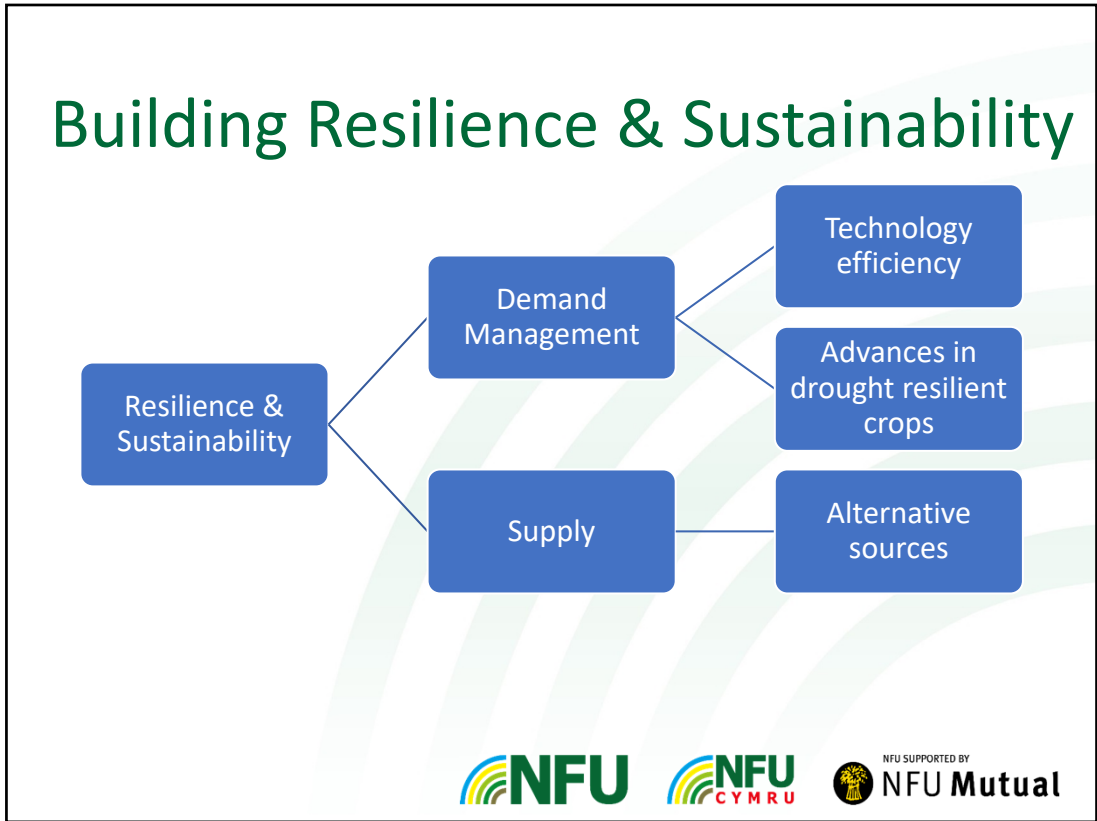




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Building Resilience & Sustainability


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Kelly Hewson-Fisher
Kelly.Hewson-Fisher@NFU.org.uk
07900 743382
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