

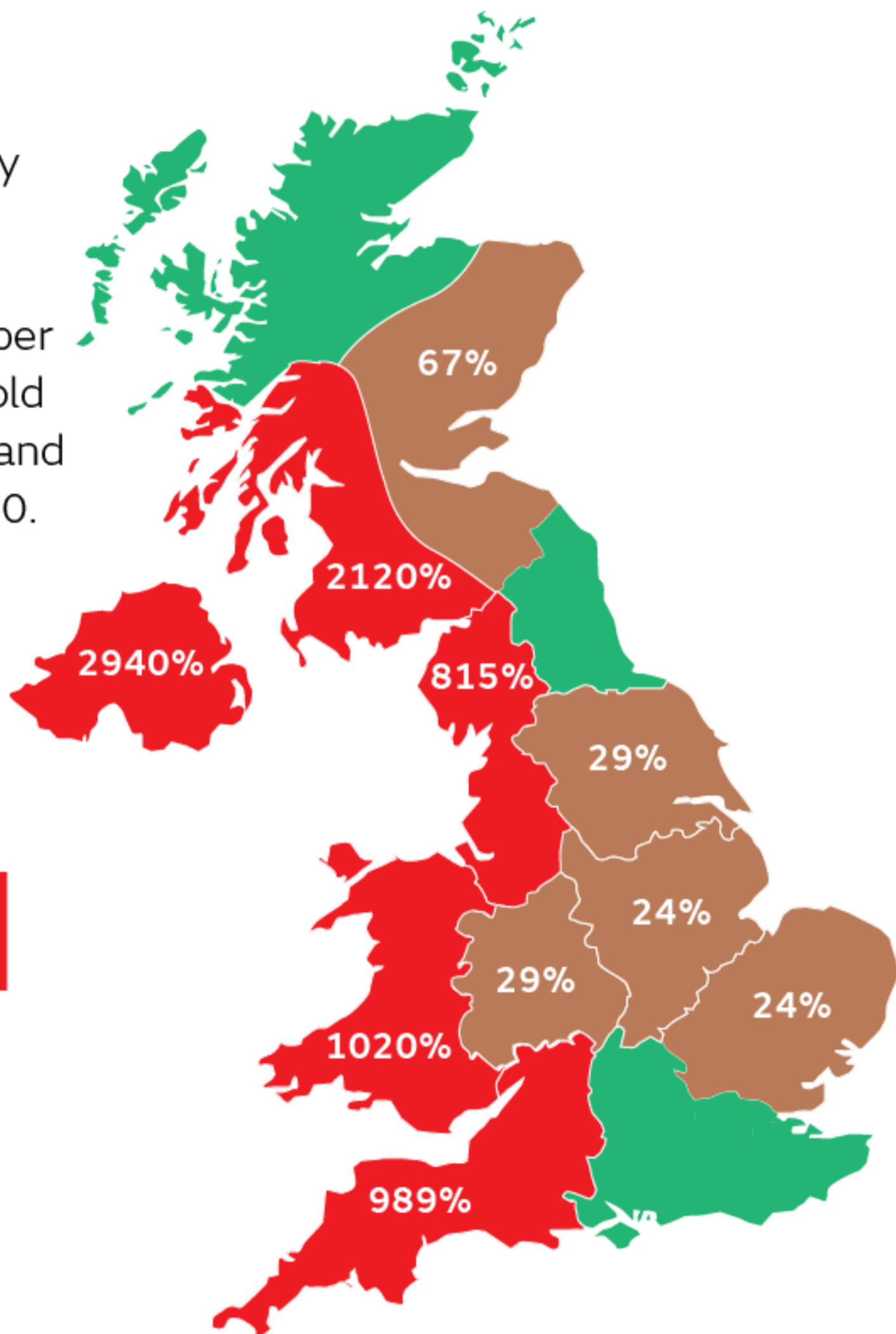
Future projections show UK-wide increases in the frequency and duration of thermal heat stress in dairy cattle and potato blight events. Risk is calculated using the number of days per year that exceed a threshold in the the current climate and the future climate of ~2060.



Five regions with high cattle numbers and high risk

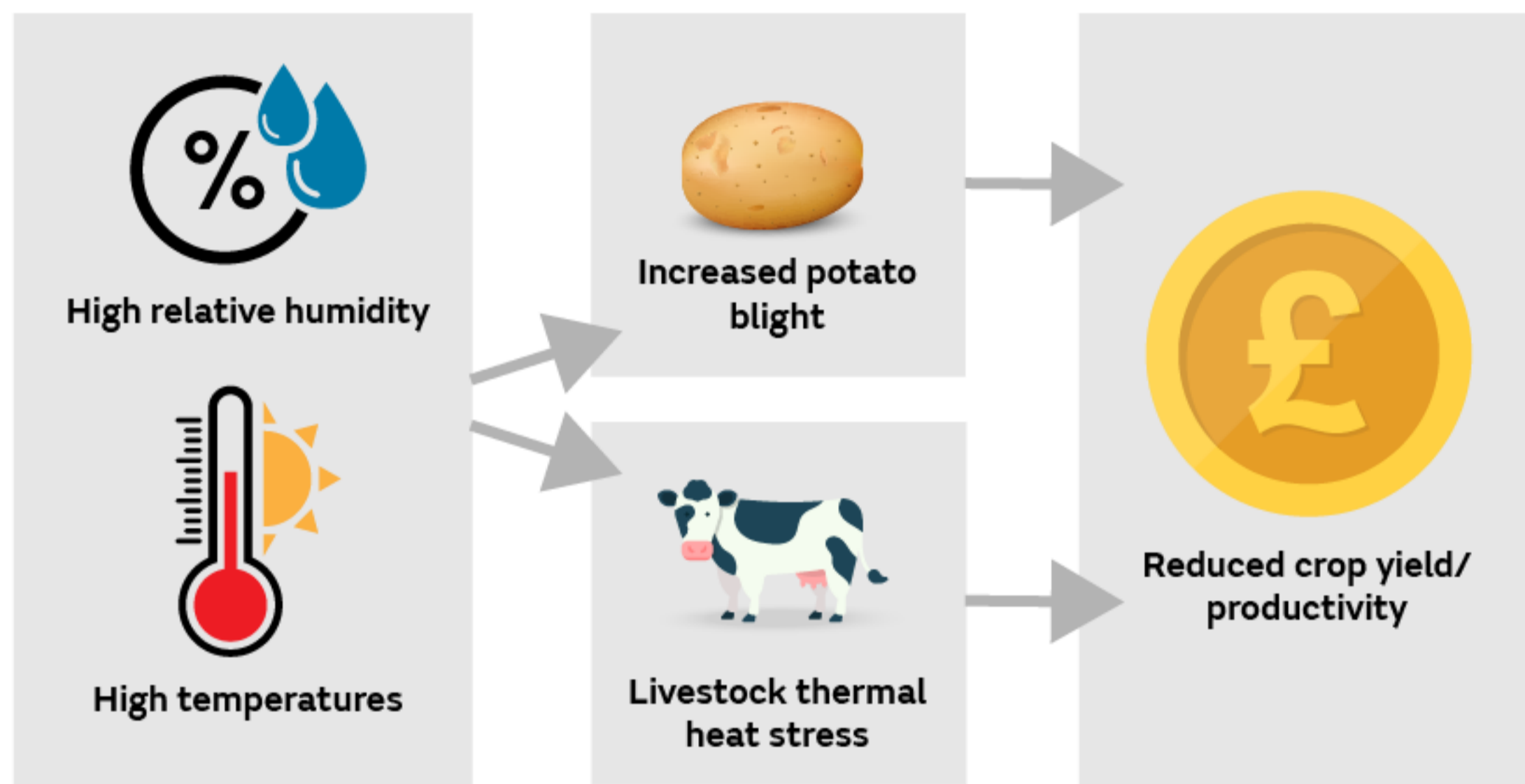


Five regions where most potatoes grown



Future climate risks from compound events

Compound events happen when two or more weather/climate hazards occur simultaneously or in close succession, potentially causing greater impacts than when the hazards occur alone. Two examples from the UK agriculture sector are shown below.



Future risk in the agricultural sector from climate variability and change can be minimised by suitable climate adaptation measures.



Livestock nutrition, management and genetic selection.



Blight resistant varieties

Garry et al. 2021. Future Climate risks to UK agriculture from compound events. *Climate Risk Management for inclusion in Special Issue on "UK Climate Risk Assessment and Management"*