

# Fascinating Wheat

*Triticum aestivum*

## Origin

Mediterranean Sea

PHOENICIA  
Fertile Crescent

MESOPOTAMIA  
Euphrates

Lower Egypt  
Upper Egypt

Evolved in the Fertile Crescent through natural hybridisation of two grasses

## Consumption

Wheat provides 20% of the world's calories and 19% of protein. It is one of the most versatile crops and can be found in many foods we eat.



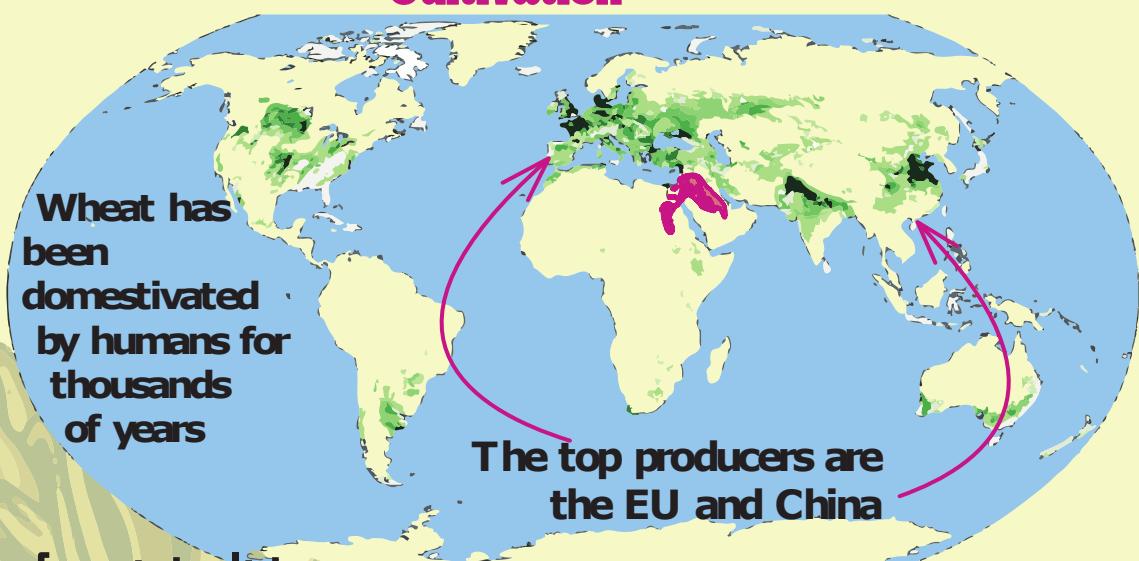
## Production

Global production in 2020 was approx. 760 million tonnes. To meet future demands, this need to double by 2050.



Collaborations such as the International Wheat Yield Partnership aim to develop high yielding wheat varieties. Scientists at Lancaster University are part of this international effort.

## Cultivation



## Climate change

As with many food crops, climate change threatens yields. For every  $^{\circ}\text{C}$  increased, yields will decline 4 - 6 %