

up from 36.4 kg in 1997-1999.

Agricultural production will need to rise by

of the earth's surface is already used for agriculture And we can't cut



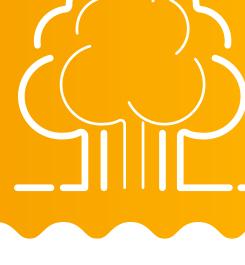
suitable for farming is already being used that way

Most land

25% of all farmland is rated as **highly** degraded

more forests because of the adverse impact on climate change So what can we do?

of deforestation is caused by agricultural concerns



Adopt new technology and techniques, such as...

Crops and soil receive

Precision agriculture

exactly what they need for optimum health and productivity, improving:









By 2050, an average farm will generate

4.1 million data points helping make farming more efficient and less resource-intensive

Drones are

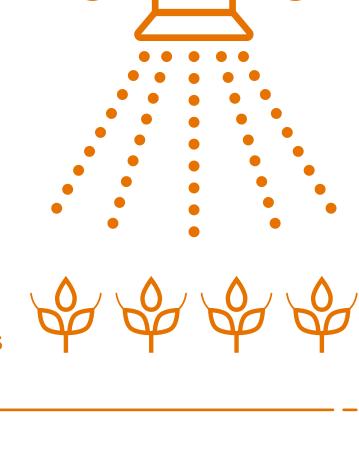
Drones

being used for: Soil & field analysis

Planting Crop spraying

Crop monitoring Irrigation

Health assessments



save an estimated

Corn, soybean and

wheat farmers could

annually by using drones to increase crop yields and reduce input costs

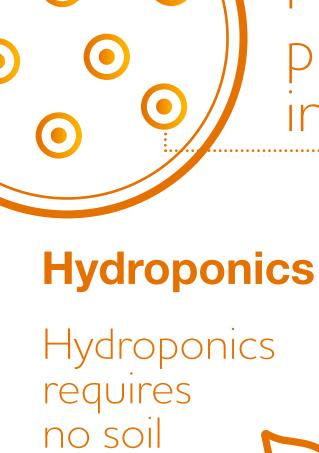
of the earth's surface that is covered by land is desert

Desert agriculture

improve food production in the desert

Scientists are looking into ways to





or natural

instead of animals

Harvested meat

Plants grown hydroponically use up to

Meat is now being

produced from cells



less water

than field-grown plants

sunlight

Vertical farming This means producing food in stacked layers, often indoors It lowers CO₂ output by over

Change our behaviours Change what we eat and reduce our reliance on meat



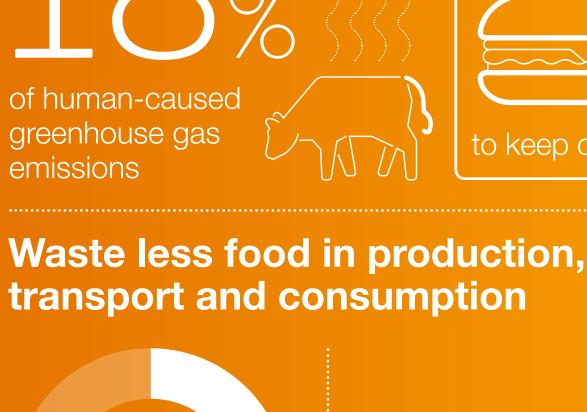


Raising livestock is responsible for

and even more

compared with

field crops



of all food

to keep climate change under 2 degrees Celsius

less beef

that's



