



University of
Nottingham

UK | CHINA | MALAYSIA

Food Waste Quiz

Dr. Mohamed A. Gedi

1. Food is a hot commodity! If we produce food that doesn't get eaten, what else is wasted?

- a) Wildlife Habitat
- b) Water
- c) Energy
- d) All of the above

Growing food and getting it to your table takes water, energy, and land, including the forests and grasslands that are home to millions of species. When food is wasted, all of those other resources are also thrown out.

2. What percent of food never gets eaten worldwide?

- a) 30%
- b) 50%
- c) 10%
- d) 85%

About a third of the planet's food goes to waste. It happens in every link of our food supply chain—from the fruit that never makes it off the farm to the vegetables you forgot were in your fridge.

3. What food gets thrown away the most?

- a) Fruits, Veggies & Tubers
- b) Milk
- c) Hamburgers
- d) Cereals

45%—almost half of all fruits, veggies, and tubers (like potatoes) are wasted each year! Luckily, there's lots you can do to make them last longer.

4. What food, when wasted, represents the biggest waste of energy?

- a) Milk
- b) Poultry
- c) Corn
- d) Beef

It takes about 25 times more energy to produce a calorie of beef than to produce one calorie of corn for people to eat. Animal proteins tend to require more energy—and land and water—to produce than plant proteins.

5. How much money does the average British person spend on food per year that never makes it into meals?

- a) £220
- b) £350
- c) £470
- d) £500

British consumers waste about £13 billion worth of food each year in total.

6. Where does most food go to waste in the UK?

- a) On farm
- b) During transportation
- c) In supermarkets
- d) In restaurants and at home

More food is wasted at home and in restaurants than anywhere else along the supply chain

7. What percentage of greenhouse gases contributing to climate change are linked to food waste.

- a) 5%
- b) 10%
- c) 15%
- d) 20%

About 10% of all human-caused greenhouse gases contributing to climate change are linked to food waste.



8. Which of these takes the longest to break down when they are littered?

- a) Orange peels
- b) Bioplastics from argri-waste
- c) Traditional plastics from fossil fuels
- d) Paper

Depending on the type, plastics from fossil fuels last too long to decompose. Some plastic items can take up to 1000 years to break down in landfills.

Plastic bag~ 10-1000 years; plastic bottles ~450 years.

9. What are simple personal ways to reduce food waste?

- a) Write a shopping list and plan your meals
- b) Freeze your food.
- c) Use wilted fruits for smoothies, and wilted veggies and meat scraps for soup
- d) All of the above

Products with best before date could also be used for other purposes like tortillas chips etc. Stale bread, for example, could be mixed with fresh flour and be used to make tortillas

10. What are techno-scientific ways to utilise food waste?

- a) Turn food waste into further food products/ingredients.
- b) Turn food waste into feed for animals
- c) Turn food waste into bioenergy, packaging or compost
- d) All of the above.