

the Water Brothers EPISODE GUIDE QUESTIONS

MORE FOOD LESS WATER

1. How much of the world's water that humans extract is used for agriculture?
2. What are two major reasons why water consumption for agriculture is rising?
3. Approximately how much water does it take to produce a single hamburger?
4. Approximately how much waste will a farm of 2,500 cows produce in a year?
5. What is one major benefit of LWR – Livestock Water Recycling System?
6. How much of the world's arable land is devoted to growing feed crops for livestock?
7. Why are crickets such a water efficient form of food production?
8. How much of the worlds' food is wasted?
9. Where does the most food waste occur?
10. How much is the food wasted in Canada each year worth?
11. How much money does the typical Canadian lose each year because of food waste?
12. Why do farmers like the potato farmer in PEI have to throw away perfectly good food?
13. Name three solutions for reducing food waste in your home?

the Water Brothers EPISODE GUIDE ANSWERS

MORE FOOD LESS WATER

- 1. How much of the world's water that humans extract is used for agriculture?** 70%
- 2. What are two major reasons why water consumption for agriculture is rising?** Human populations are rising, people are moving to cities and eating more meat and dairy products
- 3. Approximately how much water does it take to produce a single hamburger?** Over 2000 litres of water
- 4. Approximately how much waste will a farm of 2,500 cows produce in a year?** About 35 million gallons, about the same as a city of over 400,000 people
- 5. What is one major benefit of LWR – Livestock Water Recycling System?** LWR makes it easier to manage nutrients/fertilizers and reduces water use on farms by 40%
- 6. How much of the world's arable land is devoted to growing feed crops for livestock?** One-third of the world's arable land.
- 7. Why are crickets such a water efficient form of food production?** Crickets require much less feed to produce the same amount of protein and nutrition as livestock. They are incredible converters of food.
- 8. How much of the world's food is wasted?** One-third of the world's food is wasted
- 9. Where does the most food waste occur?** In people's homes. Also acceptable: Among retailers and consumers.
- 10. How much is the food wasted in Canada each year worth?** 31 billion dollars
- 11. How much money does the typical Canadian lose each year because of food waste?** 1,500 dollars
- 12. Why do farmers like the potato farmer in PEI have to throw away perfectly good food?** Because it is misshapen or has an unpleasant appearance.
- 13. Name three solutions for reducing food waste in your home?** Shop with a grocery list, cook vegetables in multiple ways, store food properly, share food if you have too much.