

農業と環境

Lincoln University (ニュージーランド)

Video 1: Dairy Farms in New Zealand

New Zealand is a country in the South Pacific Ocean consisting of 700 islands. The two largest ones are the North Island and the South Island. Agriculture is a profitable industry for the country. The dairy industry is a very successful part of its agriculture. Surrounded by the beautiful mountains and rivers of New Zealand, dairy cows can be seen walking and eating fresh grass. However, dairy farming can cause environmental problems. We need to understand and try to solve these problems. For example, when cows walk around on the soil, it can become hard. This can make it difficult for grass and other plants to grow. Cows also produce methane and release it into the air. In recent years, the number of cows has steadily increased. That means they have more impact on the environment. We need to consider how agriculture interacts with the environment. We must also carry out agriculture in a way that respects the planet.

Video 2: Measures Against Environmental Damage

New Zealand's government is helping to protect the environment by introducing new regulations. These include controls on nitrogen levels and waterways protection. For example, fences can be used to stop cows from getting close to water sources. Also, soil must be inspected for contaminants on a regular basis. The water quality of rivers and streams is continuously monitored, and the results are posted on a website. One way to check water safety of a river or lake is to find the answer to the question "Can I swim here?" Various efforts are being taken to prevent environmental pollution and maintain New Zealand's environmentally-friendly image.

Video 3: Lincoln University and Agriculture

Hello, everyone. My name is Daryl Streat, and I am an educator here at Lincoln University. Agricultural innovation is really important to farming and growing food. And that agricultural innovation has been made through a series of improvements. Those improvements have been achieved through collaboration between governments, universities, and also farmers themselves. And in New Zealand, we have an example of agricultural improvement and collaboration which has created a world-class farming industry.

Now, as I said, research is really important to improving agriculture. And here at Lincoln University, we do much of the world-leading research in agriculture in New Zealand. We've been responsible for ways to save water when doing dairy farming as well as new improvements in seed technology and also new ways to feed cows and other farm animals. Also really important to us at Lincoln University are our students. Our students play a big part in helping us learn about new ways to farm and do agriculture. Our undergraduate students are involved in research and so are our more advanced students. Many of our students come from backgrounds in farming or winery or agriculture. And many of our international students come to learn with us to find out new ways to improve agriculture in their home countries.

In the future, there are many problems that we will face, such as climate change or impacts on the environment from farming. And we can only hope to improve how we do things by learning together. And I really hope to see you soon in the future here with me at Lincoln University to find out how we can change the future of farming for the better. Thank you.