

Worksheet 3.1a

Australia's dairy production regions



Australia has 3800 dairy farms spread across eight unique dairying regions. On the map of Australia, mark where the main dairy production regions are located. Use a different colour for marking each region and complete the key.



Dairy regions

- | | |
|--|--|
| ☐ Gippsland | ☐ Subtropical |
| ☐ Murray | ☐ Tasmania |
| ☐ New South Wales | ☐ Western Australia |
| ☐ South Australia | ☐ Western Victoria |

Worksheet 3.2a

Sustainability in Australian Dairy Production



1 Define the term 'sustainability' in your own words.

Visit Dairy Australia's website at Dairy Australia Sustainability, dairy.com.au/sustainability to answer the following question:

2 What has the Australian dairy industry put in place to overcome the sustainability challenges it faces?

3 Click on each of the sustainability focus areas from Dairy Australia Sustainability, dairy.com.au/sustainability to answer the questions below:



ANIMAL CARE

Caring for our livestock and striving to always do it better is the Australian dairy way.

i Animal care

What is the 2030 goal for animal care in the Australian Dairy Industry Sustainability Framework?



Worksheet 3.2a

Sustainability in Australian Dairy Production



LIVELIHOODS

We are committed to creating a vibrant industry that rewards dairy workers and their communities.

ii Livelihoods

What are the four 2030 goals for enhancing livelihoods in the Australian Dairy Industry Sustainability Framework?



WELLBEING

The industry is committed to people's health and wellbeing by producing quality, nutritious and safe dairy food.

iii Wellbeing

What are the two 2030 goals for improving wellbeing in the Australian Dairy Industry Sustainability Framework?



ENVIRONMENT

Our mission is to meet the challenge of climate change and provide good stewardship of our natural resources.

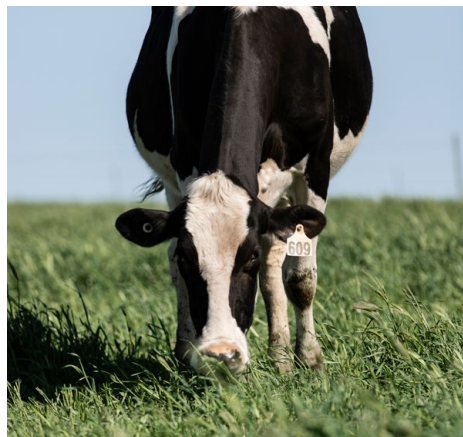
iv Environment

What are the four 2030 goals for reducing environmental impact in the Australian Dairy Industry Sustainability Framework?

Worksheet 3.3a



Design challenge: Design a sustainable dairy farm



Scenario

You work at an advertising company that has been approached by Dairy Australia to create an amazing 3D sustainable dairy farm diorama. They want you to showcase how Australian dairy farmers use sustainable practices to care for cows, farms, and the environment. Your job is to bring this story to life in a diorama that teaches people about sustainability in a fun and creative way.

Your 3D sustainable dairy farm diorama needs to show the following:

- ✓ What dairy cows need to grow, stay healthy, and produce milk.
- ✓ How Australian dairy farmers maintain healthy farms, raise and produce dairy cows, and care for the environment.
- ✓ The sustainable practices used on Australian dairy farms. Use labels to identify key aspects of the farm (e.g. "Solar panel," "Compost bin").
- ✓ **Optional:** Add small fact cards that explain the sustainable practices in action. For example, "This dam collects rainwater to provide cows with fresh water", "Solar panels power the shed lights", or "Cows eat grass and hay to stay healthy and produce milk."

Worksheet 3.3a



Activity

Design challenge: Design a sustainable dairy farm

Plan your 3D sustainable dairy farm diorama in the space below.

Evaluation: What would you do to improve your diorama next time?
