Tech & Innovation Lab
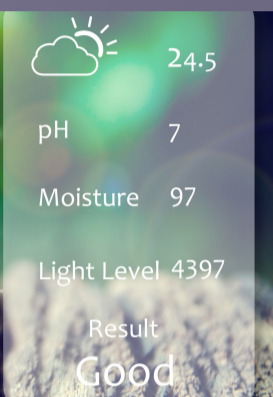## Precision Agriculture

Ag for **Life**

G R O W

G GET READY

Guiding Questions:

- Define precision. How do you think this can apply to agriculture?
- How do you think this could benefit the environment? Farmers?

24.5
pH	7
Moisture	97
Light Level	4397
Result	Good

Check out this website about precision agriculture:
https://croplife.ca/field-notes-precision-agriculture-canada/

As you click through, think about and write down:

- Define Precision Agriculture
- Pick one example of a precision agriculture tool and describe how it benefits you.

R RESOURCE ROUND UP

Watch this video on the future of farming:
https://www.youtube.com/watch?v=Qmla9NLFBvU

What is precision agriculture?
https://en.wikipedia.org/wiki/Precision_agriculture

Refer to the following resources found under the "Additional Resources" section located at the bottom of the Technology and Innovation Agriculture Lab.

Equipment Infographic

Ag Scape Info Sheet

Robotics Info Sheet

SMART FARMING

O OBSERVE RESULTS OF YOUR LEARNING

Pick a different technology and write a 500 word research article about this technology, how it benefits the environment, sustainability, farmers and consumers.

W WHAT DID YOU LEARN?

- How will technology help us feed a growing population?
- Identify some of the obstacles we face when implementing precision agriculture?
- What future innovations do you see benefiting food production and the environment?

Learn more about agriculture careers in our Careers Lab.

https://www.agricultureforlife.ca/careers-lab

PRECISION FARMING

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