

# Breeding a sustainable future

## Learning Experience 1

1. You are to create a timeline about developments in primary industries and can search for technologies that have been developed over time to improve yields and sustainability.
2. Review the following websites to assist in developing the timeline:
  - a. <http://www.robinsonlibrary.com/agriculture/agriculture/history/timeline.htm>
  - b. <https://www.agclassroom.org/gan/timeline/>
3. Develop a timeline. Your teacher will guide you in how to create a timeline.
4. Is there a pattern in terms of rate of change in technologies over time? Discuss
5. Include on your timeline an additional 5 new technologies developed over the last 10 years that has lead to improved yields and/or sustainability
6. Evaluate and identify the most significant 'game changer' to the primary industries sector. Support with science evidence you have researched.

Additional resources for Agricultural timeline:

[https://en.wikipedia.org/wiki/History\\_of\\_agriculture](https://en.wikipedia.org/wiki/History_of_agriculture)

This is just a general timeline (not specifically about innovation)

<http://www.raswa.org.au/about-the-ras/timeline.aspx>

[https://en.wikipedia.org/wiki/Timeline\\_of\\_agriculture\\_and\\_food\\_technology](https://en.wikipedia.org/wiki/Timeline_of_agriculture_and_food_technology)

This is a timeline showing the development of one particular commodity in Australia and game changing innovations in that period

[http://cottonaustralia.com.au/uploads/resources/CEK\\_Chap\\_3\\_The\\_History\\_of\\_Cotton.pdf#page=4](http://cottonaustralia.com.au/uploads/resources/CEK_Chap_3_The_History_of_Cotton.pdf#page=4)

Recent Agricultural technologies

<http://www.businessinsider.com.au/15-emerging-agriculture-technologies-2014-4>

[http://farministrynews.com/precision-farming/20-technologies-changing-agriculture#slide-6-field\\_images-45641](http://farministrynews.com/precision-farming/20-technologies-changing-agriculture#slide-6-field_images-45641)

<http://12most.com/2012/03/12/advanced-agricultural-technologies/>