

# The water cycle and responsible water use

*By Renee Anderson*



How water is  
used on my  
cotton farm  
and by other  
farmers in the  
community



# What do we use water for?

- Our home
- Our farm
- Our crops
- And for fun





# Where does our water come from?

- The rain





# Where does our water come from?

- The dam





# Where does our water come from?

- and onto our farm via channels





*For some farmers  
their water  
comes from  
under the ground*





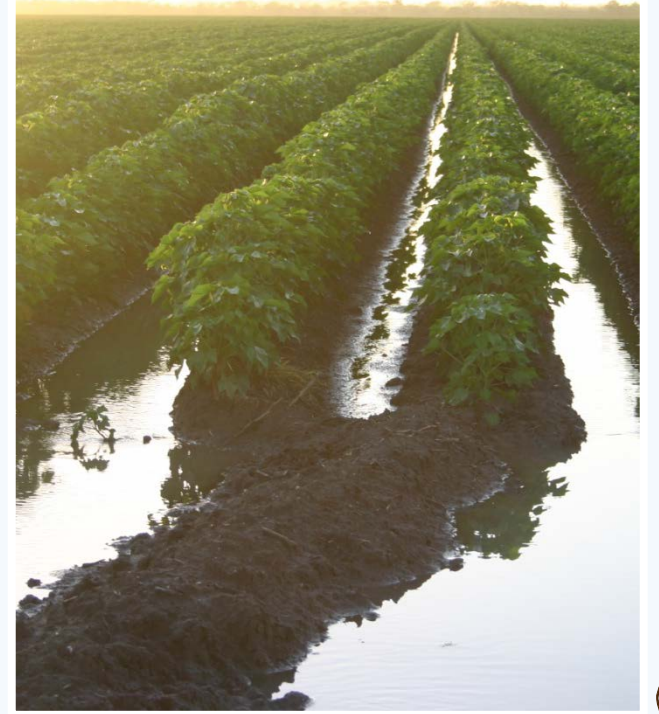
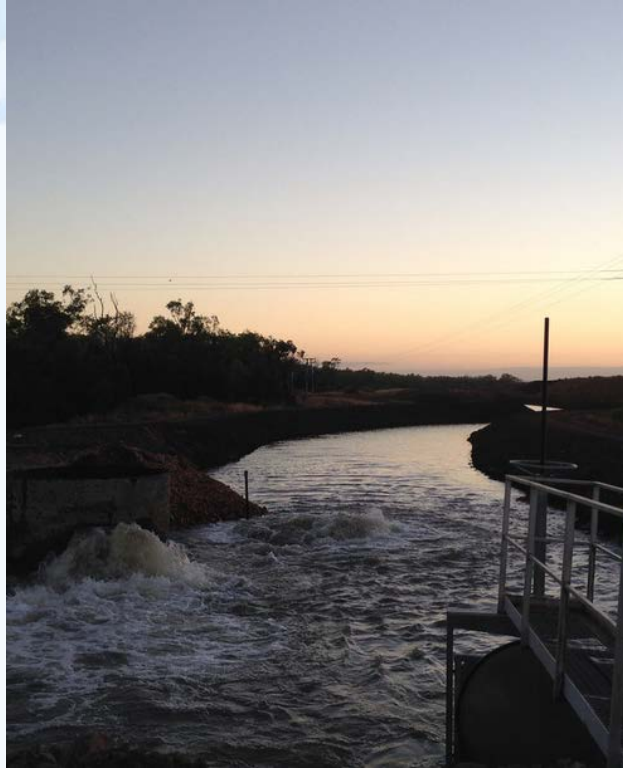
*It is sometimes stored on farm in dams like this*



*This is how we water our crops*











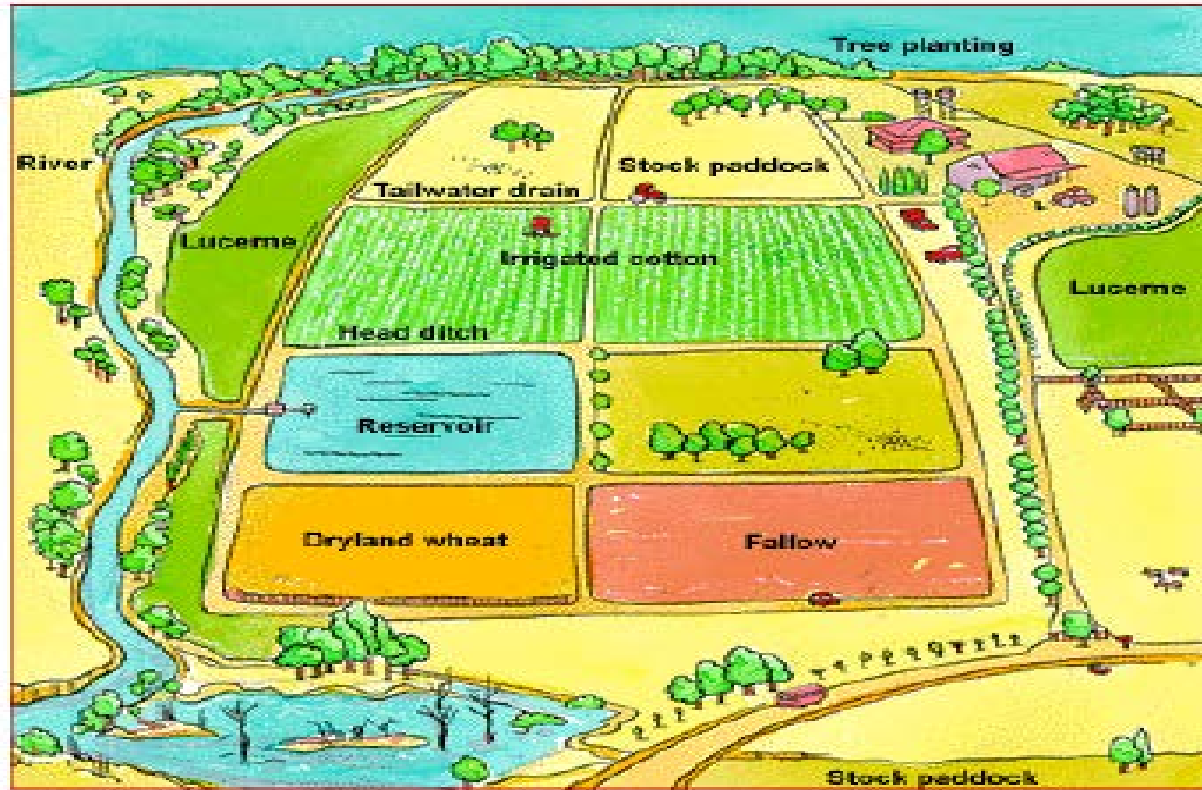








[www.youtube.com/watch?v=cMVFCeoySxc&list=PLQy8KAPn-Dyou6uDnQi9Ba\\_7utu2ieo47](http://www.youtube.com/watch?v=cMVFCeoySxc&list=PLQy8KAPn-Dyou6uDnQi9Ba_7utu2ieo47)



Example of a cotton farm layout

Parts of an  
irrigation  
system





*What do you do in your school to save water?*

## .....and what do cotton farmers do?

<i>School</i>	<i>Cotton Farmers</i>
<i>Turn off dripping taps</i>	<i>Make sure there are no leaking bores, storage tanks or channels</i>
<i>Don't have the taps turned on for too long</i>	<i>We make sure that the plants only get as much water as they need. Not too much. Not too little. We do this with things called moisture probes.</i>
<i>Don't turn the taps on too hard</i>	<i>We do this with water controls</i>
<i>Recycle water</i>	<i>We do this too. Any water that comes out the end of an irrigation channel is caught in a tail water drain and returned to the water storage.</i>
<i>Capture water from rooves into tanks when there are downpours</i>	<i>We do this. When there is a flood and too much water we are allowed to pump water into our storage dams for later.</i>
<i>Only water the school garden plants and the lawn where it needs it</i>	<i>We do this too y using watering systems that deliver the water straight to the crop</i>
<i>When there is no water don't plant things that need a lot of water</i>	<i>Cotton farmers only plant cotton when there is water available</i>



*Don't have the taps turned on too hard*





*Don't have the taps turned on for too long*



# Recycle water

## Recycling system





*Deliver the water straight to the plant*





*Capture and store water when there is too much rain*





Water is precious to us and we are  
always looking for ways to use it better.

To find out more visit  
[cottonaustralia.com.au](http://cottonaustralia.com.au)





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