

# English for Plant Biologists

## Lesson 2



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# Overview of the Lesson 1

- Typical Warm-up exercise. What is the plant species?
- Repetition of vocabulary (plant canopy)
- Interactive exercises: Water and plant
- Conversation: My holidays highlight.
- Vocabulary: Plant growth forms
- Homework: your choice

# What is the Plant species ?

- The species is a dioecious, perennial herbaceous climbing plant which sends up new shoots in early spring and dies back to the cold-hardy rhizome in autumn. It is native to the temperate Northern Hemisphere.
- The flower cones of the plant, are used in the production of beer to impart bitterness and flavor, and for their preservative qualities. The extract is antimicrobial, which makes it useful for making natural deodorant

Could it be a hop ?

# What is an English expression for the plant ?



- <http://www.ipmimages.org/browse/detail.cfm?imgnum=5393249>



# Repetition of vocabulary related to forest canopy (-ies)



2010/2011



Cloud, cloudness

Rain, rainfall, precipitation

Interception

Leaf drip

Stemflow

Canopy throughfall

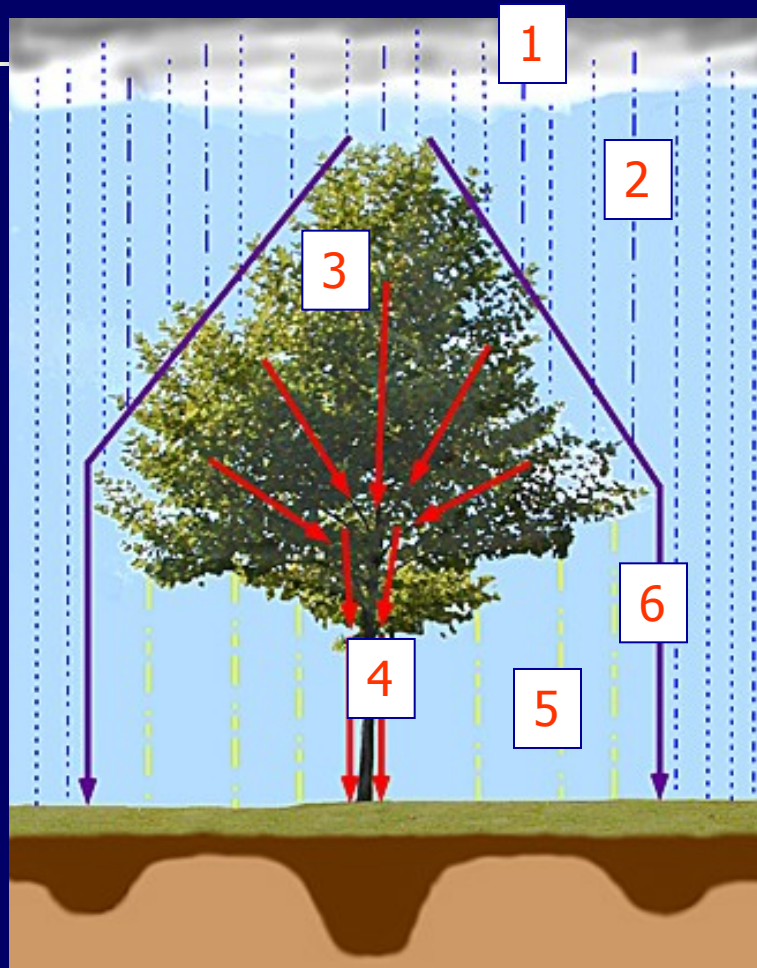
Canopy drip

# Processes related to canopy.

## Please characterize the (1) to (5) processes.



2011



Source: <http://www.physicalgeography.net/fundamentals/8k.html>

**Citation:** Pidwirny, M. (2006). "Interception, Stemflow, Canopy Drip, and Throughfall". *Fundamentals of Physical Geography, 2nd Edition*. Date Viewed. <http://www.physicalgeography.net/fundamentals/8k.html>

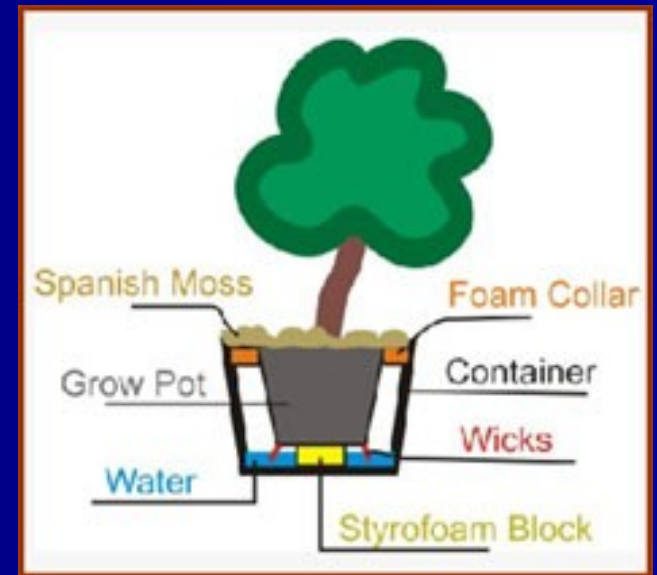
# Vocabulary

(Almost) everything related to plant water regime



Describe, what you see, please.

Are there any specific components  
Of the whole system ?



Do you know all these words?  
If not, please use dictionaries to  
Find Czech/Spanish equivalents.

- <http://theschoolvegetablepatch.schools.officelive.com/watering.aspx>
- <http://www.naturalsurrounding.com>



# Vocabulary

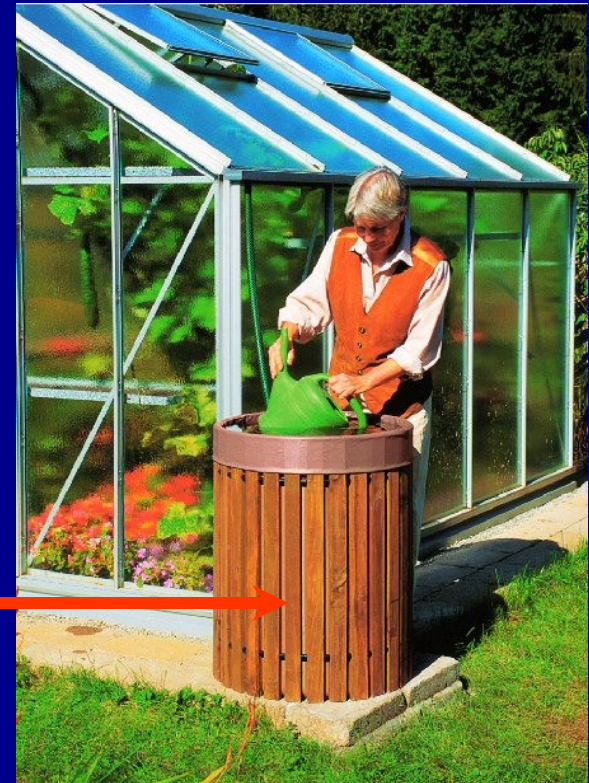
(Almost) everything related to plant water regime

Traditional tools and useful parts of a garden



What is that?      Watering can, of course?

Water storage tank ?      What is this ?



- Source of photos:
- <http://theschoolvegetablepatch.schools.officelive.com/watering.aspx>



# Vocabulary

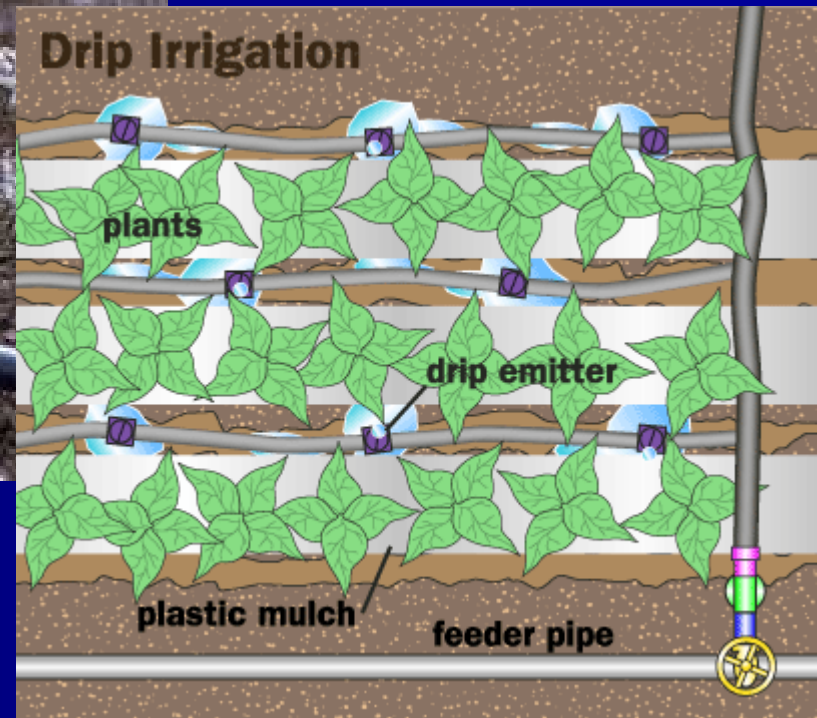
(Almost) everything related to plant water regime

Watering x Irrigation



Describe, what you see ?

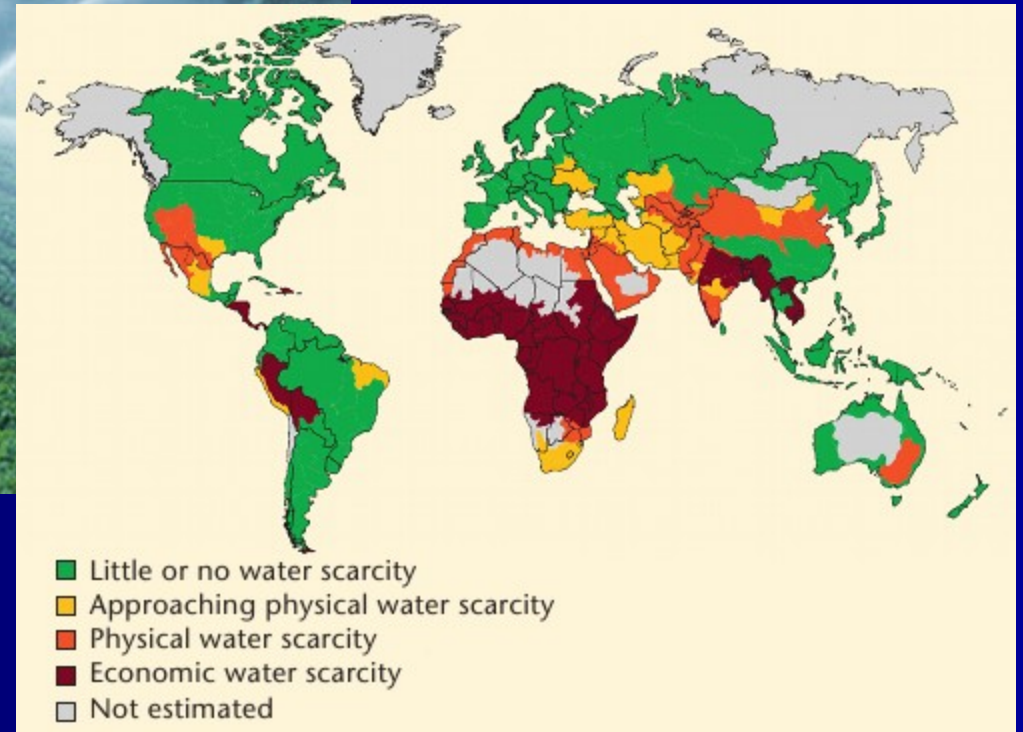
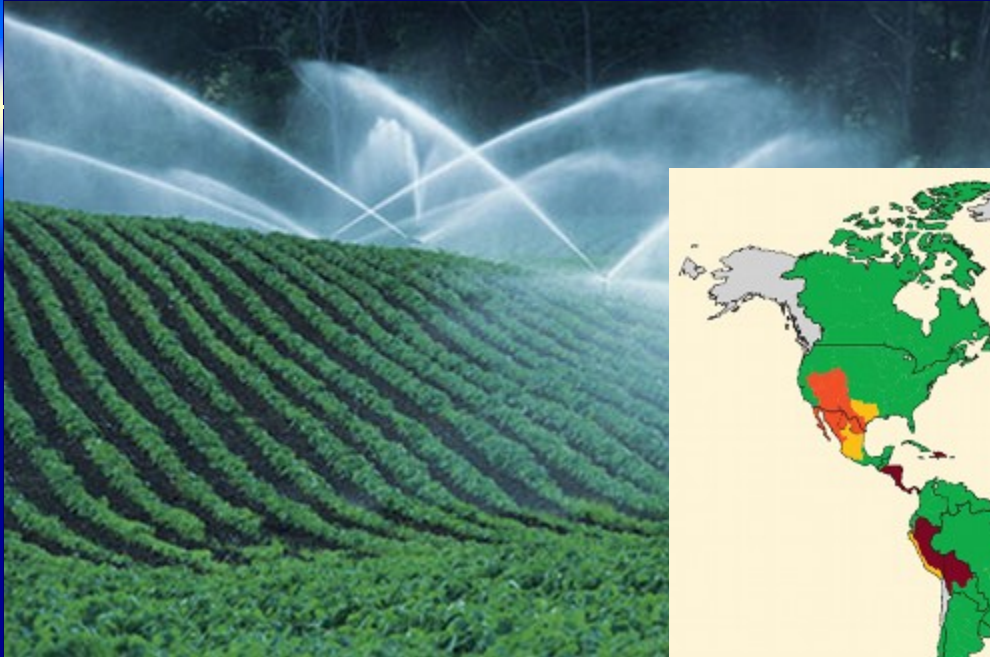
How does it work ?



Here is new vocabulary related to drip irrigation

- <http://home.howstuffworks.com/irrigation3.htm>
- Courtesy of the USDA

# Crop irrigation



- <http://www.theresilientearth.com/?q=content/clean-coal-biofuels-will-cause-water-shortages>

# Crop irrigation



- <http://www.panoramio.com/photo/23089205>
- © Author MEDAA



# Crop irrigation

Pivot Sprinklers are a method of an Agricultural Crop Irrigation system in which equipment rotates around a Pivot. This equipment is technologically advanced and useful in certain types of terrain whereas other types of irrigation equipment would not suffice.

# Is this photo associated with specific city ?

No, it looks like a common city.

Yes, it is associated.

Could it be an Italian city?

Venice

Brindisi

Rome

Florence



# Vocabulary related the film.



- Source of photo: <http://aboutmyfashionlife.blogspot.com/2011/03/roma.html>



# Do you know the name of the film ?

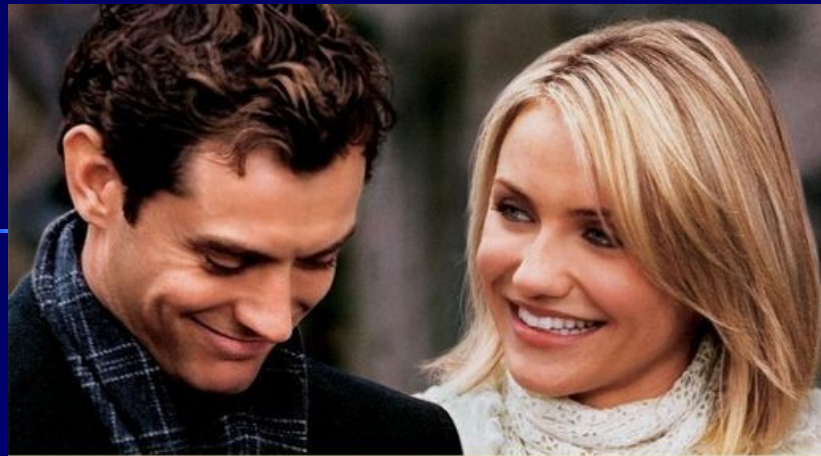


Cameron Diaz and Kate Winslet are two women who exchange their houses for one week...

- <http://kikikutnarova.blog.cz/rubrika/filmy-a-serialy>, [http://users.livejournal.com/blue\\_queen\\_](http://users.livejournal.com/blue_queen_),  
<http://lowercaseletter.wordpress.com/2008/11/24/romcoms-are-the-devil/>,  
<http://blossomingvisions.blogspot.com/2010/12/holiday.html>
- <http://wilibleu.typepad.com/wilibleu/2009/08/this-is-exactly-what-i-like-to-do-in-the-winter.html>



2010/2011



Cameron Diaz · Kate Winslet · Jude Law · Jack Black

a film by  
Nancy Meyers

# the Holiday

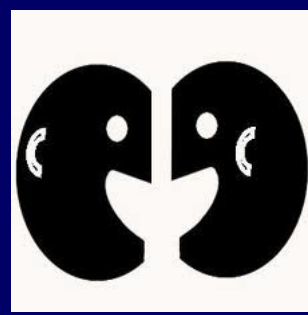
from the Director of What Women Want and Something's Gotta Give



# The Holiday

- Žánr:
- komedie / romantický / milostný
- Země:
- Spojené státy americké
- Délka:
- 138 minut
- Premiéra v ČR:
- 21.12.2006

# Conversation in couples



Topic for today is:

## HOLIDAYS

You have some 10 minutes to learn the highlight of your schoolmate holidays.



# Just fill in a proper term. 1

A ..... is a plant. It is yellow and beautiful.

- (a) sunflower
- (b) sea cucumber**
- (c) goldfish
- (d) butterfly

# Just fill in a proper term. 2

A ..... is a plant. It grows best in damp, rainforest areas and doesn't like too much direct sunlight.

- (a) corn
- (b) horn
- (c) fur
- (d) fern



# Just fill in a proper term. 3

..... is a plant and is often used in salads.

- (a) lenticel
- (b) lettuce
- (c) lama
- (d) lemming





# What is the instrument for?



- <http://www.ictinternational.com/plants.html>, [http://www.acme-et.com/suppliers\\_Eijkelkamp.php](http://www.acme-et.com/suppliers_Eijkelkamp.php)