

Task 3 – First Leaves

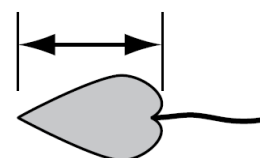
1) Keep observing the branch you selected

- Once you see a bud opening (= you can see the tip of green leaf), record “budburst” to your data sheet
- All 4 buds may not open at the same time
- Compare the date when you can see first leaves on your tree to **the date of leaf-unfolding** that was predicted for your country (only dates for some trees and country are available)

	Netherlands	Croatia	Czech	Switzerland	Germany
Birch	Beginning of April (1)	Mid March	Mid April (19)	End of March	
Beech	End of April (26)	End of April	End of April (27)	Mid April	
Oak	Mid April (13)	Mid April	Beginning of May (1)		End of April
Lime		Beginning of April	End of April (29)	Beginning of April	
Hazel		End of March	Mid April (18)	Mid March	
Cherry		End of March	End of April (24)		
Fig		Beginning of March			

2) Measure the length of a leaf that grows from the bud

- measure and record the length at least twice a week
- use simple ruler to measure the length in mm
- measure the leaf without the stem
- continue measuring the leaf until it stops growing



Tree and Shrub Green-Up					
Date (day & month)	Leaf 1 (dormant, swelling, budburst, leaf length (mm))	Leaf 2 (dormant, swelling, budburst, leaf length (mm))	Leaf 3 (dormant, swelling, budburst, leaf length (mm))	Leaf 4 (dormant, swelling, budburst, leaf length (mm))	Data entry ✓

3) Take pictures regularly

- Share the photos at the [Discussion forum](#).

4) Optional: Record temperature and precipitation

If you have an Atmosphere site nearby, keep recording temperature and precipitation data along with observing the leaves and see if there is any link.

And do not forget to continue taking pictures of the tree using GrowApp!

The task should be completed up to April 20.