

# Tomillo

## Guía de trabajo

**Objetivo:** Aprender sobre el concepto del PH y su importancia.

**Mochila de recursos:** Proyecto

**Tiempo:** 3 horas

**Instrucciones:** Aprender sobre el tema de PH en el suelo y realizar notas de los más importante. Seguido realizar un experimento y determinar el estado del suelo.

**Instrucciones para el docente:** Este material servirá como una guía para los estudiantes sobre los aspectos más importante sobre el concepto y como ponerlo en práctica.

**Videos :**

**Experimento**

<https://www.youtube.com/watch?v=Phk1W4z1oio&t=290s>

[https://www.google.com/search?q=ph+del+suelo+con+papeles+experimento&sxsrf=APwXEddg3dN4b7BpJY90NyOx3OeiwpdSjw:1680979366093&source=lnms&tbm=vid&sa=X&ved=2ahUKEwitnfaP-Jr-AhU1RzABHQIBBS8Q\\_AUoAnoECAEQBA&biw=618&bih=541&dpr=1#fpstate=ive&vld=cid:59a5c938,vid:kKds2UNsi-g](https://www.google.com/search?q=ph+del+suelo+con+papeles+experimento&sxsrf=APwXEddg3dN4b7BpJY90NyOx3OeiwpdSjw:1680979366093&source=lnms&tbm=vid&sa=X&ved=2ahUKEwitnfaP-Jr-AhU1RzABHQIBBS8Q_AUoAnoECAEQBA&biw=618&bih=541&dpr=1#fpstate=ive&vld=cid:59a5c938,vid:kKds2UNsi-g)

**Concepto**

<https://www.youtube.com/watch?v=wAfdNFSXBAo>

[https://www.youtube.com/watch?time\\_continue=1&v=GGL1G6N0mnE&embeds\\_euri=https%3A%2F%2Fwww.google.com%2Fsearch%3Fq%3Dque%2Bes%2Be](https://www.youtube.com/watch?time_continue=1&v=GGL1G6N0mnE&embeds_euri=https%3A%2F%2Fwww.google.com%2Fsearch%3Fq%3Dque%2Bes%2Be)



# Thyme

## Work guide

**Objective:** Learn about the concept of PH and its importance.

**Resource Backpack:** Project

**Time:** 3 hours

**Instructions:** Learn about the subject of PH in the soil and make notes on the most important. Followed by conducting an experiment and determining the state of the soil.

**Instructions for the teacher:** This material will serve as a guide for students on the most important aspects of the concept and how to put it into practice.

**Videos:**

[https://www.youtube.com/watch?time\\_continue=232&v=7Z15h189LCc&embeds\\_euri=https%3A%2F%2Fwww.google.com%2Fsearch%3Fq%3DWhat%2Bis%2Bthe%2BPh%2Bin%2Bthe%2Bground%26sxsrf%3DAPwXEdckbzLqyg3fo8HREerkW1ugGhUh5w%3A1680979169479%26source%3Dinms%26&source\\_ve\\_path=MTM5MTE3LDIzODUx&feature=emb\\_title](https://www.youtube.com/watch?time_continue=232&v=7Z15h189LCc&embeds_euri=https%3A%2F%2Fwww.google.com%2Fsearch%3Fq%3DWhat%2Bis%2Bthe%2BPh%2Bin%2Bthe%2Bground%26sxsrf%3DAPwXEdckbzLqyg3fo8HREerkW1ugGhUh5w%3A1680979169479%26source%3Dinms%26&source_ve_path=MTM5MTE3LDIzODUx&feature=emb_title)

**Experiment**

<https://www.youtube.com/watch?v=Phk1W4z1oio&t=290s>

#### THE IMPORTANCE OF SOIL PH IN AGRICULTURE

The pH is one of the most important variables in agricultural soils, since it directly affects the absorption of soil nutrients by plants, as well as the resolution of many chemical processes that occur in it. In general, the optimum pH of these soils should vary between 6.5 and 7.0 to obtain the best yields and the highest productivity (Prasad & Power, 1997), since it is the range where the nutrients are more easily assimilated, and, therefore, where most of the crops will best be provided (Figures 1 and 2). On the other hand, there are also nutrients (generally microelements) and crops that adapt better to more acidic or basic pH.