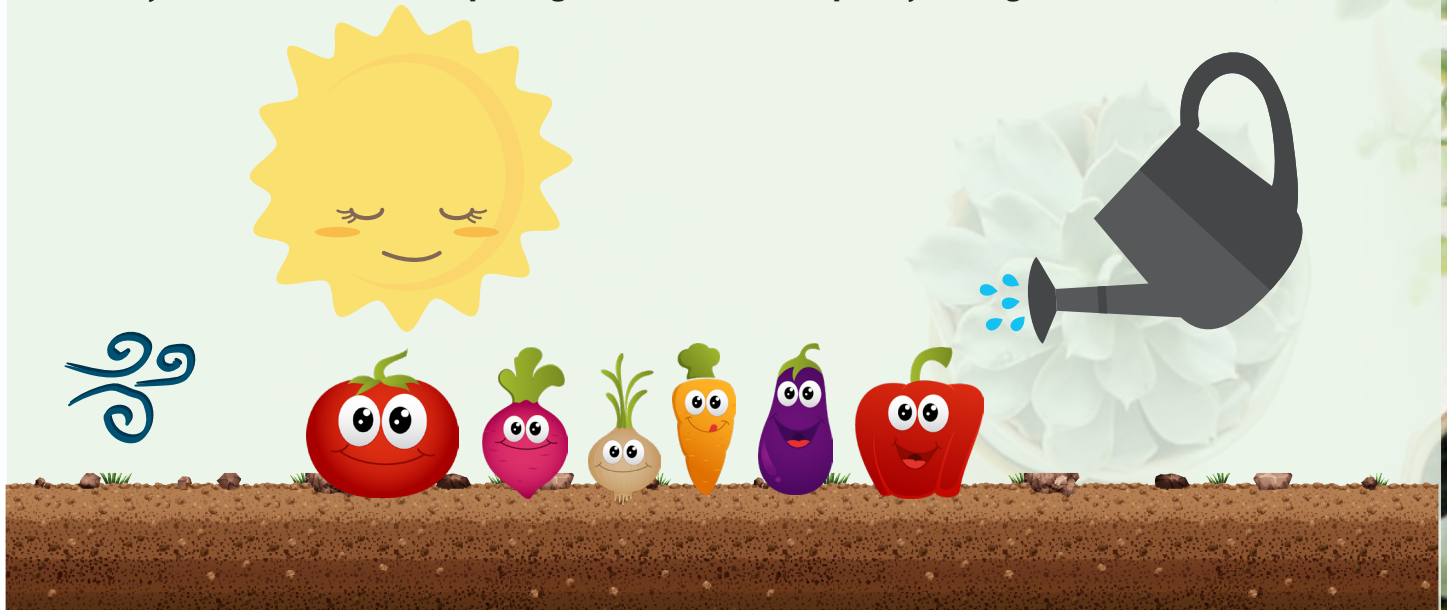


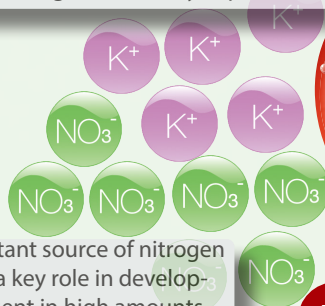
LAQUA-GRICULTURE

Many factors contribute to plant growth, such as air quality, sunlight, water, and nutrients.

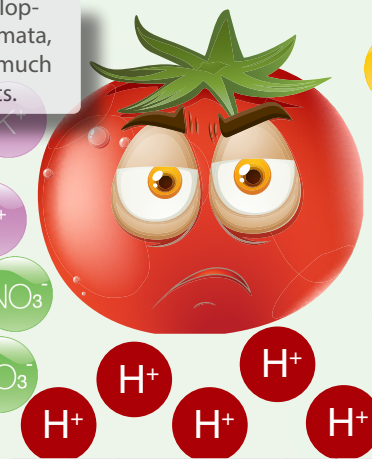


Too little or too much nutrients in growth medium can be bad for plants.

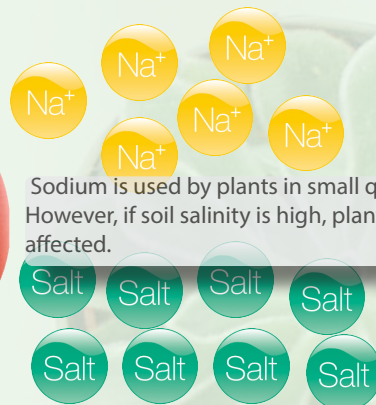
Potassium is an important nutrient for plant development and growth. It also regulates opening of stomata, and is essential for ATP production. However, too much potassium can lead to nitrogen deficiency in plants.



Nitrates are an important source of nitrogen in plants, and it plays a key role in development. It is usually present in high amounts in fertilizers. However, adding too much fertilizers beyond the optimum point may not achieve intended effects.



For most plants, the optimal pH for growth lies between the range of 5.5 to 7.0. pH affects availability of nutrients for plants.



Sodium is used by plants in small quantities. However, if soil salinity is high, plant growth may be affected.

Using Horiba's advanced scientific technology, you can now ensure optimal growth for your crops!



LAQUAtwin - Lab in your pocket

- Flat sensor design requiring only 0.1mL of sample
- Achieve results instantly
- Easy to use, light, and portable
- Auto calibration up to 5 points with USA or NIST buffers
- IP67 Rated dust and waterproof



Want to find out more about how to optimise your crop growth? Scan the QR code on the right to view our list of application notes! Alternatively, if you are viewing this on your computer, you may obtain the list of resources [here](#).



Application notes



LAQUA Handheld series

- IP67 waterproof/dustproof, shock & scratch resistant, non-slip
- Compact meter packing sophisticated functions with lab grade accuracy
- Auto logging of data with real-time clock*
- Connect to computer via USB** for data transfer

* Some models only
** Meter compatible USB cable sold separately

For more information on our products or other resources, you may also visit our website at: <http://www.horiba-laqua.com/>