



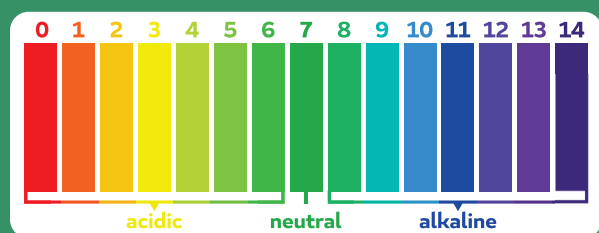
TNB Naturals is a company from British Columbia, Canada that makes innovative products with the grower in mind.

TNB Naturals is located in Vernon, British Columbia, Canada, a small town in the Okanagan Valley. It all started with an idea to create a product that produces high and usable amounts of CO<sub>2</sub> for any indoor growing situation with The Enhancer CO<sub>2</sub> generator.

### pH: Definition & measurement units:

pH is a measure of how acidic/basic water is. The range goes from 0 to 14, with 7 being neutral. pHs of less than 7 indicate acidity, whereas a pH of greater than 7 indicates a base. pH is really a measure of the relative amount of free hydrogen and hydroxyl ions in the water. Water that has more free hydrogen ions is acidic, whereas water that has more free hydroxyl ions is basic. Since pH can be affected by chemicals in the water, pH is an important indicator of water that is changing chemically. pH is reported in "logarithmic units". Each number represents a 10-fold change in the acidity/basicness of the water. Water with a pH of five is ten times more acidic than water having a pH of six.

For most plants, the optimum pH range is from 5.5 to 7.0, but some plants will grow in more acid soil/water or may require a more alkaline level. The pH is not an indication of fertility, but it does affect the availability of fertilizer nutrients.



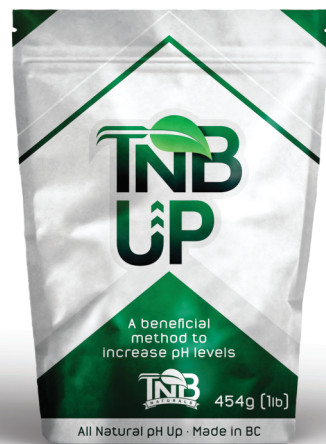
### How do you adjust your pH?

TNB Naturals granular pH UP & DOWN is non-caustic, so it won't burn your hands and since it's so gentle, it won't harm the beneficial bacteria. It's even safe for use with aquaponics.

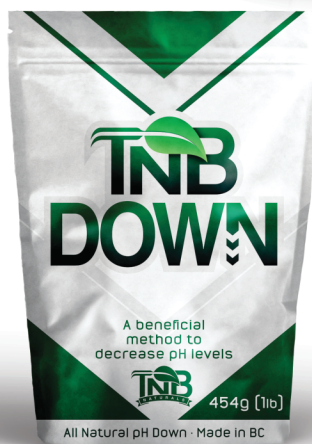
TNB Naturals pH UP & DOWN is composed of all natural ingredients without the addition of harmful chemicals. This innovative way to raise and lower the pH levels of your hydroponic or liquid fertilizer solution is both simple and cost effective. Simply add a small amount to your water, mix thoroughly and check your pH levels.

The pH (potential hydrogen) of a nutrient solution is a very important aspect of plant growth and proper management is essential for healthy plants and lush gardens.

TNB Up and Down provide growers with a user friendly and safe way to maintain appropriate pH levels for optimal plant growth while being gentle enough to not harm the microbes and the beneficial bacteria. For use with soil, hydroponics or aquaponic systems.



- ✓ All Natural
- ✓ Granular
- ✓ Non-Caustic
- ✓ Doesn't Harm The Beneficial Bacteria
- ✓ No Dyes Or Fillers
- ✓ Dissolves Instantly
- ✓ Highly Concentrated
- ✓ Safe For Aquaponics
- ✓ Available In 1lb Bag & 40lb Commercial Size



It's important to manage the acidity/alkalinity of your water and/or nutrient solutions for healthy, happy plants.

Our all-natural pH UP & DOWN contain no dyes or harsh chemicals to harm the microbes.