



The Nutrition Solution®

pH-UP & pH-DOWN

LIQUID pH FORMULAS

Dyna-Gro pH-Up and pH-Down are the first pH control formulas which actually correct the cause of improper pH levels. In hydroponics it is common-place for the nutrient to change or “wander” over a period of time. This is due to the fact that plants take up mineral nutrients in uneven quantities and therefore change the nutrient balance as well as the pH. Dyna-Gro pH-Up and pH-Down replace the minerals which are being used up and thereby adjusts the pH by correcting the problem rather than the symptom.

INSTRUCTIONS FOR USE

Determine the pH of your nutrient solution. 5.8 to 6.5 is ideal for nearly all plants. If your reading is below 5.8, correct it with pH-Up. If it is above 6.5, correct it with pH-Down.

One teaspoon of pH-Up or pH-Down per gallon of nutrient solution will change the pH by one full increment (example - 7.5 to 6.5). To determine how much pH-Up or pH-Down you need to use, multiply the number of gallons in your tank by the amount of change you require. For instance, if you want to raise your pH from 5.5 to 6.2, the difference is .7. Multiply .7 times the number of gallons, lets say 5 gallons, so $5 \times .7 = 3 \frac{1}{2}$ teaspoons.

DO NOT ADD THE pH CONCENTRATE DIRECTLY TO THE HOLDING TANK!

Dyna-Gro™ Liquid pH-Up and pH-Down are extremely concentrated and must be diluted before adding them to your tank. After you measure out the proper amount of pH concentrate, dilute it in a gallon of tap water, then pour it into the holding tank. You should agitate the nutrient solution as you are pouring in the pH mixture so that it all mixes rapidly.

WARNING! Do not allow the pH concentrate to contact skin or eyes. Should this happen, flush the area immediately with water. If a burning sensation persists, call a physician.

KEEP OUT OF REACH OF CHILDREN

Award Winning Formulas

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