VEG+BLOOM bases are a complete formula that incorporate all the essential building blocks to grow a healthy plant in all phases of its life cycle. The base has calcium, magnesium, beneficials, anti scaling agents, sugars, nitrogen, potassium, silica, and phosphorus just to name a few. This product was created for ease of use and quality results. The bases are made for different medias, growing systems, and water qualities.

**MIXING INSTRUCTIONS**

- Calibrate pH meter and scale
- Bring start water to 0.2-0.3 EC with CalMag, STACKSWELL or tap water.
- Use a fountain pump to mix 15 min
- DO NOT pre-mix in warm water
- Keep reservoir between 65-68 F
- Sprinkle nutrients, break up clumps
- Optional 120-150 micron mesh filter

DOS is a two part concentrated nutrient formula for use with proportionate mixers (DOSATRON). It’s the same great quality as our 1 part base just divided into two parts in order to maintain balance as a concentrate. At a 1:100 ratio, 100lbs of DOS will treat 12,000 gallons of water. The concentrate containers will be mixed as follows: Part A 300-360g/gallon, Part B 240g/gallon. You can adjust part A from the highest recommended amount down in order to control feed strength and balance out doser consumption. The concentrate can sit 2+ weeks if covered and not introduced to light. Very stable when insulated against air drafts and kept dark.

- PH will be 5.2 with 0 ppm water.
- Recommended pH for Coco 5.9–6.0
- Recommended pH for Hydro 5.4–5.8
- Fine in peat moss with a water hardness of +.5 EC

*DOS formula is a special order item
**ADDITIVES**

**COMING SOON...** Calcium and magnesium are essential for photosynthesis, the absorption of nutrients and chlorophyll production. A blend of sugars, humic acids, calcium and magnesium, these micronutrients are the foundation of your plants diet; allowing you to stack your N-P-K to grow healthy lush plants.

A phosphite based flower booster with a crab shell extract, plant cutin isolates, a touch of magnesium, and an array of nectar promoting compounds. It triggers immune responses that increase terpenoid production and disease resistance. A combination of bioavailable minerals, L-amino acids, and plant derived hormones for bulking and ripening of fruit and flowers. Formerly known as +SIZE.

Powdered microbiologicals. A blend of beneficial bacteria, fungi, amino acids, vitamins, and naturally derived hormones. Aids in the uptake of nutrients. Bacteria and Fungi produce enzymes that deliver nutrients to roots. Helps prevent negative bacteria and root pathogens. Built to enhance the effect of VEG+BLOOM and SHINE.

Feeding your plants through stems and leaves is often an overlooked opportunity. PUSH not only tells a plant to grow but gives it calcium to ensure strong growth. With select kelp extractions, PUSH elevates the demand for cell division and increases the uptake of silica. Push is comprised of bio ready silica, and calcium. Plant extracted hormones, and root extracted surfactants. Hormones present in kelp products may cause hermaphrodite growth in un-sexed seedlings.

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**FEEDING CHART**

<table>
<thead>
<tr>
<th></th>
<th>Early Veg</th>
<th>Veg/Early Flower</th>
<th>Flower</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STACK SWELL</strong></td>
<td>Bring start water to 0.2 - 0.3 EC</td>
<td>Bring start water to 0.2 - 0.3 EC</td>
<td>Bring start water to 0.2 - 0.3 EC</td>
</tr>
<tr>
<td></td>
<td>4 - 5 grams per gallon</td>
<td>5 - 6 grams per gallon</td>
<td>4 - 6 grams per gallon</td>
</tr>
<tr>
<td><strong>SHINE</strong></td>
<td>*Optional Mag supplement</td>
<td>*0.25 - 0.50 gram per gallon</td>
<td>1 - 2 grams per gallon</td>
</tr>
<tr>
<td><strong>+LIFE</strong></td>
<td>1 gram per 5 gallons</td>
<td>1 gram per 5 gallons</td>
<td>1 gram per 10 gallons</td>
</tr>
<tr>
<td><strong>PUSH</strong></td>
<td>foliar feed 50ml per gal low PPM water 2x per week</td>
<td>foliar feed 50ml per gal low PPM water 2x per week</td>
<td>*no need to pH or add a wetting agent</td>
</tr>
</tbody>
</table>

*This is a moderate starting point, observe your plants and adjust feed strength as needed. #readnfeed
QUALITY STANDARDS

VEG+BLOOM uses highly micronized minerals combined with clean and pure organic materials to create an unparalleled hybrid blend of easy-mixing and bioactive powders. 99% of our ingredients are sourced in the USA and blended in California.

SIMPLE
Powders simplify your work. Instead of mixing messy liquids from a dozen bottles, mix a few scoops of clean and safe VEG+BLOOM powder into your water and feed. No more complicated feeding schedules.

AFFORDABLE
Liquid nutrients are less stable. Many ingredients cannot be combined in a single solution. This means more bottles that can easily go bad. Shelf - stable and complete VEG+BLOOM hybrid powders put everything into one bottle for incredible cost - cutting results. For the demanding grower, there are a couple enhancers to push results to the limits.

COMPLETE
Our chemists can mix virtually anything together with no negative chemical reactions. This means a single VEG+BLOOM hybrid powder contains all the essential elements and beneficial additives your hungry plants need.

VEG+BLOOM

Purchase Wholesale or Retail: 1-800-975-6860 order@vegbloom.com
Technical Support: 1-800-975-6860 option 2 tech@vegbloom.com

www.vegbloom.com

Looking to automate? Ask us about our DOS Formula