

BudBusterPro® (1-1-20) Product Information/Application Guide

BudBusterPro is a concentrated, proprietary formulation designed to stimulate flower bud formation in both quantity and size. It is very cost effective and efficient. It does not, however, provide a significant nutrient contribution, and thus its performance is heavily dependent on your nutrient program. Read more in this application guide and Product Performance Testing on our website. BudBusterPro.net

Having a WELL ESTABLISHED and STABLE nutrient program is essential for enjoying all the competitive advantages BudBusterPro provides.

1. Concentrate BudBusterPro is stable indefinitely, completely water soluble, and mixes/spreads easily. Store indoors and away from extreme temperatures.
2. When diluted, the material **does not** store well and should be utilized in any of the following ways: You can apply it to any fruit, vegetable or ornamental varieties or add it into your soil nutrients. We use FD&C #1 blue food color as a quality control indicator. You will note that it is easy to see that the dilute is crystal clear. Any cloudiness is easily discernible as contamination and the material should be discarded.
3. Compatibility: **IF YOU HAVE USED ANY OTHER FOLIAR NUTRIENTS DO NOT USE BudBusterPro®.** Humic acid or seaweed extract should be added to your soil (media) if you choose to use them. If either is applied as a foliar, the BudBusterPro will combine and leave some small tricalcium phosphate prills on your leaves. These prills are not water soluble, and although inert you don't want them on your leaves!! **DO NOT EVER ADD ANY SPREADERS/STICKERS TO THIS MATERIAL. ALWAYS USE AS A STAND-ALONE FOLIAR!**
4. The water quality used to dilute BudBusterPro is very important. Use water that has been obtained from carbon filtration / reverse osmosis systems. If not available, please use distilled water available at any market.
5. BudBusterPro is **NOT ORGANIC** (Components contain phosphoric acid)
6. BudBusterPro quickly penetrates the foliage under most conditions. See note on extreme conditions. (Above 85° F with strong air circulation/low humidity)
7. Contains very low metals even in concentrate. (Values disclosed on webpage)
8. Completely safe on pistillate bloom. In fact, **SPRAYING OF PISTILLATE BLOOM IS MANDATORY** to obtain the profound effects. (We have sprayed a multitude of ornamental flowers without ill effect in our R&D efforts, as well as cannabis pistillate bloom in all of our trials.)
9. Tertiary Branching: One of the extraordinary benefits of use is that after a few applications (about a month) you will notice excellent branching in your plants even without tipping/heading cuts.

10. All applications should be applied as late as possible in the light cycle, just prior to lights off.

The goal here is to predominantly wet your foliage without run off. A little bit goes a long way, so we truly encourage you to start with a small amount of dilute BudBusterPro. If you are only treating 4 plants we encourage you to start with 8 ozs of dilute BudBusterPro. Remember you can always mix more. We want you to be as cost effective as possible !

11,Planning for thinning

Understandably, your plants may need thinning a few times during your grow. Ideally you would like to plan your thinning operations 7 days after your last foliar application. To maintain maximum plant vigor we suggest you limit thinning to 30-40% of the total canopy. This will give you 7 days for your plants to recover before making the next foliar application.

12.Extreme Conditions

In small grow tents where temperatures exceed 85°F and there is rapid air movement or lower humidity, the foliar's liquid content may evaporate before fully penetrating the tissue. If so, you may see some 'glazing' on your leaves when the lights come on again. This is inconsequential and you may simply re-wet your leaves with distilled or reverse osmosis water to facilitate the total absorption of the foliar. In the unlikely event you believe you have any residue on your leaves nearing harvest, you may simply rinse your leaves. The material is very water soluble and will not remain at harvest.

13.Optimizing Your Nutrient Program

It is important to monitor your pH and nutrient status throughout the grow, especially after the flip when you will experience a flush of growth and bud development! If you do not have a system in place, you are short changing your potential! We suggest you read our "Nutrient Solutions" page for pH and EC ranges for a host of growing medias throughout all stages of veg and flower. **It is imperative that you maintain OPTIMUM nutrient conditions throughout your grow. The additional bud development must have nutrient support to maximize bud density and potency! Remember that NITROGEN is required for bud expansion and filling.**

When to initiate BudBusterPro® Applications

Applications can begin on seedlings 14 days old or rooted clones when they begin to push new leaves. The 2ml BBP **ADDED** to 8 oz R/O or distilled water is a very safe rate and gives excellent results on small plants. The interval is normally 8-10 days between sprays. Usually after 2-3 of the 2ml/8oz applications your plants will have attained sufficient size to initiate higher dilution ratios on a 14 DAY Schedule. (Picture of plants ready for their first 2ml/8oz application and the growth response after just 3 days are shown on the next page.)



1. Red Pop S1 3 weeks of age
2. Red Pop S1 3 days after 2ml/8oz application
3. Kmintz at 14 days of age
4. Planet of the Grapes at 14 days of age



Plants 1,2,3 are all of adequate size to begin 2ml/8oz applications on a 8-10. Taking advantage of these early applications gives a tremendous growth advantage in the veg stage!

	Dilution Rate: 2ml/8oz	3ml/8oz	4ml/8oz	5ml/8oz	6ml/8oz
BBP:Purified Water	1ml/4oz	1.5ml/4oz	2ml/4oz	2.5ml/4oz	3ml/4oz
	4ml/16oz	6ml/16oz	8ml/16oz	10ml/16oz	12ml/16oz
	8ml/Qt	12ml/Qt	16ml/Qt	20ml/Qt	24ml/Qt
	1oz./Gal	1.5oz/Gal	2oz/Gal	2.5oz./Gal	3oz/Gal

Typical photoperiod plant program: Starts with 2-3 2ml/8oz applications. 14 days after the last 2ml/8oz application we will normally apply a 4ml/8oz app. 14 days later we normally apply a 5ml/8oz app. Depending on the length of veg we would continue to apply 5ml/8oz apps on a 14 day schedule till we get to the 'flip'. A single 6ml/8oz app would be applied at the flip. 14 days past the flip we would apply the final 4ml/8oz application **We NEVER make any applications PAST 2 weeks into bloom!** It is not necessary and we want to avoid any TRICHOME damage!

Typical 'AUTO' plant program. Again, we will start with young plants and typically put on 2-3 2ml/8oz apps on a 8-10 day intervals. As the plants put on more foliage, we will determine (with your pictures) when we can increase dilution ratios up to 3-4ml/8oz on a 14 day schedule. When we get to the flip (in this case when we see the onset of pistillate bloom) we will again access your plant structure for the 'flip' application which will usually be 4ml/8oz. Just like the photoperiod plants Two weeks into bloom we will put on our final app which is usually 2ml/8oz. **Again we NEVER put on ANY applications PAST 2 weeks into bloom!**

Because of the great variability in cannabis phenotypes, growing conditions, medias, and nutrient programs...we work with you through as many grows as necessary on a one- on- one basis until we're sure you understand the flexibility and power of BudBusterPro®. Your success really is THAT IMPORTANT TO US, whether you have 4 plants or 4000, they're your babies and we share your pride!

Once you see this tool in action, you'll never grow without it! Be sure and check our website or U-Tube channel periodically to see real growers with real yields!