



### What are Dry Flower Products?

Dry Flower Products are specific water treatment products that enhance particular aspects of a plant's natural cycle. The result of individual private research projects, each product is uniquely proprietary in nature, whether it's from a unique source or natural occurring blend. Four products currently make up the Dry Flower Product line: Liquid Gold, Liquid Black Crystal, Green-Up and Clearing Solution.



### Why are Dry Flower Products considered water treatment products?

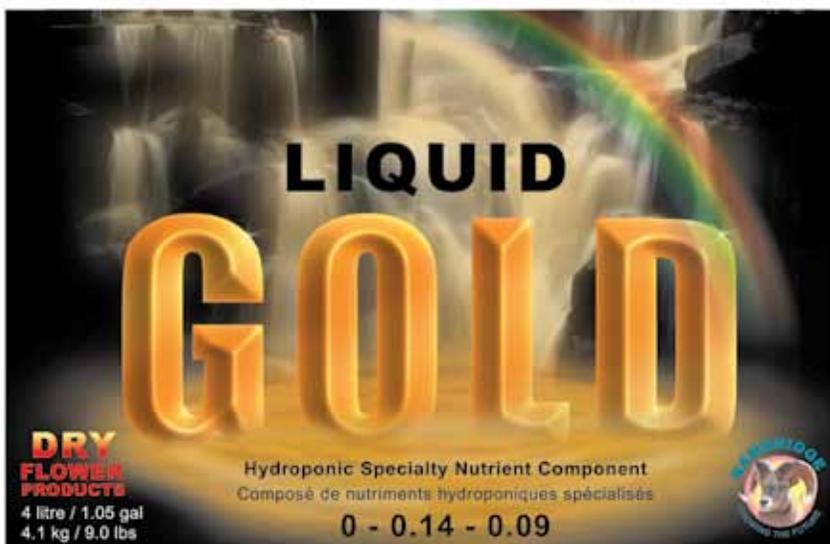
Dry Flower Products are not hormones, vitamins or balanced plantfoods. Yet, water that is treated with a specific amount of any of the Dry Flower Products will enhance aspects of plant growth. It is less confusing and more appropriate to think of them as a catalytic water treatment process.

### What about the copy-cat products?

Dry Flower Products really work. Each product is unique and has earned the respect of gardeners worldwide; a reputation earned by results. As with any successful product there are those who would capitalize on this success by marketing look a like products. Gardener's have to discriminate to get the

## Liquid Gold

Hydroponic Specialty Nutrient Component 0-0.04-0.06



Fulvic is the generic name for a blend of light molecular weight humic substances, known for having a positive effect on the transfer of minerals, vitamins, nutrients and hormones within the actual cells of plants and animals. The quality and nature of the blends vary and are dependent on the original raw sources and method of extraction. Liquid Gold is scientifically extracted from northern Canadian hardwood bushes harvested during their high energy spring growth cycle to capture the purest blend for indoor gardening. No copy-cat product has proven to be more effective as Liquid Gold water treatment. Living plant cells respond to Liquid Gold's natural organic blend. Liquid Gold can be the very catalyst that assists flower cells getting precisely the essential nutrients they need.

# Liquid Gold

Hydroponic Specialty Nutrient Component 0-0.04-0.06

- Increases the fresh weight of floral crops when used as a foliar feed during flowering
- Positive effect on the transfer of minerals, vitamins and hormones



## HOW TO USE LIQUID GOLD

Liquid Gold is a concentrate. It must be diluted before application.

**FOLIAR FEEDING:** Mix 5 ml of Liquid Gold per litre (1 tsp/qt) of water (distilled water is best). Using a fine spray, lightly mist the flowers as they develop. May be applied daily. DO NOT soak the flowers. DO NOT mix Liquid Gold with any other foliar spray products.

**HYDROPONICS:** When changing your nutrient use 2 ml per litre (1/2 tsp/qt) of nutrient solution to promote improved nutrient uptake, especially micro nutrients. Compatible with all hydroponic nutrients.

**POTTING SOIL:** Mix 1 ml per litre of water (1/4 tsp/qt). Apply to pots three times (soil drench) during each phase of growth. May be mixed with plantfood.

## Questions & Answers

### Where does Liquid Gold come from?

Liquid Gold's source is from living plant material that grows in the sub-arctic. These plants do not freeze in the spring when night temperatures dip into the freezing range.

While research has not answered exactly why these plants do not freeze, it is suspected that a particular blend of naturally light molecular weight humic substances present in the plant are responsible. Liquid Gold has an positive effect on cell metabolism rates.

### Why is Liquid Gold a gold color when other fulvic like products are a dark color?

Liquid Gold is a naturally occurring pure extract from living plants. Plants respond best to this fulvic blend. Other fulvics are sourced from compressed dead plant matter and are contaminated with heavier humate materials which gives it the dark color. Also, it is important to remember that plants do not respond to all fulvic blends.

### Can I use Liquid Gold in my reservoir?

Yes, you can add Liquid Gold directly to your reservoir water. It is compatible with any nutrient.

### What are the effects of treating my water in my reservoir with Liquid Gold?

Liquid Gold will increase the cell metabolic rate which translates into better growth. Seedlings that usually grow to 20

cm (8 inches) have been reported to grow up to 30 cm (12 inches) in the same time period. This has been seen to be true of crops throughout the entire plant cycle.

### Can I foliar spray my crop with water treated with Liquid Gold?

Yes, Liquid Gold can be effectively applied by foliar spraying. Just a light misting rather than a drench. This is a preferred method if you want to apply Liquid Gold to specific areas on the plant during particular stages of plant growth. Liquid Gold is absorbed directly into the plant tissue and regular daily spraying on select parts of the plant will treat new growth cells.

### How do you mix a foliar spray using Liquid Gold?

The instructions indicate that you should mix 5 mL of Liquid Gold into one litre of water. Experience has indicated that there is a safe margin of error and you can use up to 10 mL per litre with very good results.

### Can too much Liquid Gold be applied to a plant?

For use in a reservoir, Liquid Gold is effective in very low amounts. More is not better and to achieve the best results, follow directions. If you apply too much, you simply waste it. Foliar spraying is more variable and excess tends to run off.

### There are "things growing" in my Liquid Gold?

Liquid Gold likes to promote the growth of organic things and while every precaution is taken during the processing, sometimes penicillin spores can awaken and take advantage of the potential contained in Liquid Gold. While this penicillin does consume a very small amount of the Liquid Gold, it will in no manner effect or harm any plants.

### Can I use Liquid Gold on plants growing in soil?

The best way to use Liquid Gold on soil plants is to foliar spray it. You can also do a soil drench if foliar spraying is not an option.

### I have read that fulvic Substances can also have positive effects on people?

Yes, some health foods claim to have fulvic substances in them and claim that it increases the human cellular metabolism. Remember that there are 100's of fulvic blends, depending on the source. Plants respond best to Liquid Gold. The effects of Liquid Gold on human cells has not been researched, so give it to your plants, not yourself.

### Can Liquid Gold be frozen?

While freezing may not effect the Liquid Gold, it can cause the bottle to fail. Avoid freezing if possible.

# Liquid Black Crystal

Hydroponic Specialty Nutrient Component 0-0.04-0.06

- Promotes nutrient uptake
- Stimulates root and stem growth
- Add to nutrient solutions or use in water for soil grown plants



## HOW TO USE LIQUID BLACK CRYSTAL

Liquid Black Crystal is a concentrate. It must be diluted before application.

- **SEEDLINGS:** Mix 5 ml per litre (1 tsp/qt) of water (or nutrient solution). Apply to growing mediums when rooting cuttings or just after seed germination and during early seedling stage for dramatic root growth.
- **HYDROPONICS:** When changing nutrient add 3 ml to 5 ml per litre (1/2 - 1 tsp/qt) of nutrient solution. Use throughout the entire growth cycle to promote improved nutrient uptake.
- **POTTING SOIL:** Mix 5 ml per litre (1 tsp/qt) of water. Apply to pots three (3) times (soil drench) during each phase of growth. May be mixed with plantfood.

**COMPATIBLE WITH ALL ROOTING GELS AND LIQUIDS. COMPATIBLE WITH ALL HYDROPONIC NUTRIENTS. IDEAL FOR OUTDOOR CROPS.**

## Questions & Answers

### What is Liquid Black Crystal?

Liquid Black Crystal is a heavy molecular weight humic blend that is extracted from ancient plant material. Liquid Black Crystal is a blend sourced from a particular lignite ore that has shown to have a greater positive effect on plant nutrient uptake than any other source.

### How do I use Liquid Black Crystal?

Liquid Black Crystal must be put into your reservoir or use as a soil drench. Mix 3 ml (1/2 tsp/qt) of Liquid Black Crystal per litre of nutrient in your reservoir. Liquid Black Crystal is most effective in small quantities. Do not exceed 5 ml per litre (1 tsp/qt). Mix 5 ml per litre for a soil drench. Apply every time you apply nutrient to your soil.

### What does Liquid Black Crystal do?

Liquid Black Crystal is a humic blend that assists in increasing the ion exchange across the root membrane. It improves the plants ability to absorb nutrients, thus the plant grows better.

### There are several humic acid products in the market, what makes Liquid Black Crystal so special?

Liquid Black Crystal is a humic blend that plants respond best to. You can see the effect of the Liquid Black Crystal on your plants. Not all humic blends are the same, and some have no effect on plants at all.

### Can I freeze Liquid Black Crystal?

Yes, freezing will not harm Liquid Black Crystal, however, it can cause bottle failure. It is best not to freeze it.

**Can Liquid Black Crystal be harmed by high heat?** No, warm temperatures do not harm Liquid Black Crystal.

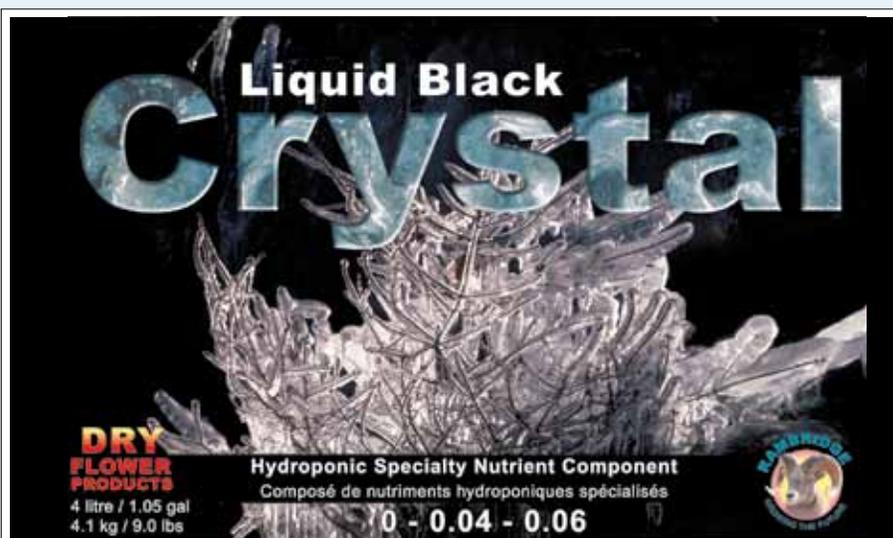
**Does Liquid Black Crystal become less effective with age?**

Liquid Black Crystal has a long shelf life.

**Can I apply Liquid Black Crystal as a foliar spray?** Liquid Black Crystal is most effective when it is applied to the root zone of a plant. Do not foliar spray with Liquid Black Crystal.

**Does Liquid Black Crystal enter into the plant?** No, Liquid Black Crystal does not enter into a plant but rather remains on the outside of the root.

**Can I use Liquid Black Crystal in my outdoor garden?** Yes, Liquid Black Crystal can be used for gardens and lawns, particularly where the pH of the soil is high. Apply as a spray directly to the soil, or mix 5 ml per litre and drench bedding plants and garden seedlings.



Liquid Black Crystal is a specially humate blend that effectively encourages plants to consume nutrients resulting in vigorous growth and healthy plants. Pure Liquid Black Crystal flows easily through drip lines or sprayers. Apply as a spray for Yard and Garden use. Use when watering indoor plants. Effective in soil or hydroponic nutrient solutions.

# Green Up

Hydroponic Specialty Nutrient Component 1-3.5-0

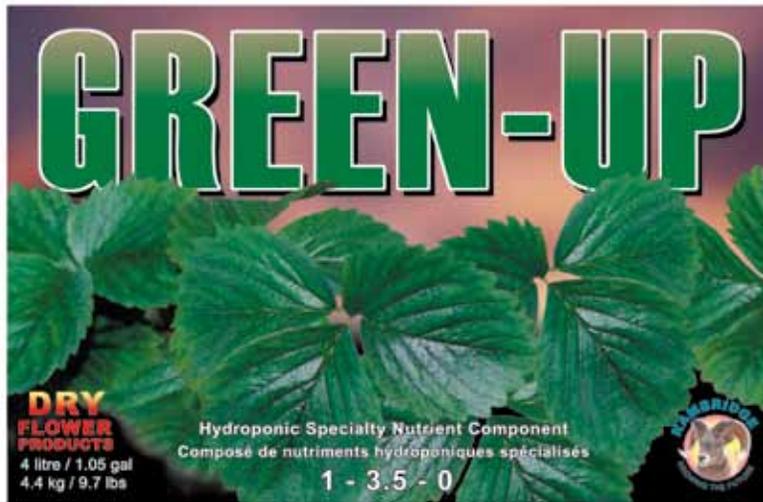
- Feeds cuttings even before they develop roots
- Reduces yellowing, increases success rate
- Accelerates vegetative growth when added to any grow nutrient



## HOW TO USE GREEN UP

Use Green Up to reduce yellowing in clones while they develop new roots. Mix 3 ml of Green Up into 1 litre (1/2 tsp/qt) of water. Use this water to do the initial soaking of your rockwool cubes or rooting medium, prior to placing in your cuttings.

- **HYDROPONICS:** Green Up encourages very aggressive vegetative growth in young plants when it is added in with your hydroponic nutrient (in the reservoir). Add 5 ml of Green Up for every litre (1 tsp/qt) of nutrient your reservoir holds. Mix in well and adjust the pH of your nutrient solution.
- **POTTING SOIL:** Add 5 ml to 1 litre (1 tsp/qt) of water. Apply two (2) applications for soil growing.



Green Up is scientifically formulated from minerals and plant extracts. Used as directed, **Green Up will promote stronger, healthier clones with more vigor.** When integrated with a regular nutrient program, Green Up enables the grower to experience an aggressive vegetative growth cycle resulting in greater floral growth. This is particularly useful with your various herb crops.

## Questions & Answers

### What is Green-Up?

Green-Up is designed to reduce yellowing when cuttings are rooting. It has the ability to feed a cutting before the roots have developed.

### How do I use Green-Up on cuttings?

Add 3 ml of Green-up to a litre of water. Soak the rockwool cubes prior to putting the cuttings into them. If you are using other rooting mediums, use this Green-Up mixture to do the initial soaking. It is important that you do not repeat this application. Green-Up can feed a seedling when it has no roots to speak of, so you should see what it can do to seedlings that have roots.

### If I want to use Green-Up on seedlings, how should I apply it?

Add 3 ml per litre of nutrient each time you

change your nutrient. You must also have a very high light level and adding a little extra CO2 is a good idea. Drop Green-Up from the plants diet at the last nutrient change prior to flowering. Give the plant a rest and pause.

### I am using Green-Up and still some of my cuttings don't make it?

Green-Up helps the yellowing in cuttings. There are still lots of things that can attack cuttings. pythium fungus particularly loves young cuttings except those treated with Guardian Angel and Bio-Bran.

### Can I foliar spray Green-Up?

Do NOT foliar spray Green-Up directly on cuttings, seedlings or maturing plants.

**Can I use Green-Up with any brand of nutrients?** Yes, Green-Up is compatible with any quality brand name nutrients.

### Can I freeze Green-Up?

Green-Up should not be frozen. If freezing has been suspected and the bottle has not been damaged, place the GreenUp in very hot water until it is warm. Then shake. If it remains green it is OK.

### Does Green-Up have a shelf life?

Technically, Green-Up should last indefinitely, but experience has shown that you should use the Green-Up within a year or so. It seems to still work after that time, almost as good as when it is fresh.

It is best if Green-Up is used within a year from time of purchase. Using Green-up after this time period may not yield the same results.

# Clearing Solution

Hydroponic Specialty Root Wash

- Use in the final stages of plant growth to promote a final burst of flower expansion
- Ensures that all nutrients and residues are “cleared” from the plant, leaving a clean fresh taste



## HOW TO USE CLEARING SOLUTION

Clearing Solution is a concentrate. It must be diluted before application.

- **SEEDLINGS:** Use Clearing Solution at least one week before the final harvesting. Longer periods may be beneficial, depending on the crop.
- **HYDROPONICS:** Drain your nutrient reservoir and refill with fresh water. Add 5 ml of Clearing Solution for every litre (1 tsp/qt) of water your reservoir holds. Mix well and adjust to pH 5.5
- **POTTING SOIL:** Mix 15 ml per litre (3 tsp/qt) and soak the soil until the solution runs out the bottom.
- **OTHER USES:** To correct excess nutrient accumulation, drain your nutrient and use Clearing Solution for 1 to 2 days to reduce old nutrient from your growing medium and restore your roots back to a healthy feeding pattern. Clearing Solution is NOT a plantfood so drain and refill your reservoir with fresh nutrients.

Clearing Solution is scientifically formulated from natural minerals and plant extracts that assist a plant to clear out nutrients accumulated in a plant's flowers and leaves. Used as directed, **Clearing Solution enables the grower to have control over the final appearance of dried leaves and flowers.** This is particularly useful with various herb crops where taste and texture is important.

## Questions & Answers

### What is Clearing Solution

Clearing Solution is used to replace the nutrient in the final days before removing a floral crop from your growing system. This product induces a stress on the plants system forcing reactions within the plant. These reactions result in an amazing amount of energy stored in the plants roots to combine with elements in the leaves and be directed to the remaining flowers. A final reproductive surge.

### How do I use Clearing Solution?

Drain your reservoir and fill with water. Add 5 mL (1 tsp) of Clearing Solution per litre/quart of water. Let your garden grow for several more days. While the instructions indicate using it for only a few days, experience has shown that, depending on the nutrient that the crop was grown on, extending this period up to two weeks is beneficial.

### What are the effects of using Clearing Solution?

Clearing Solution can create a browning or “fall” effect in the color of the whole plant. In some floral crops it will promote the growth of tracery flowers giving a very good bouquet

effect. When used on tobacco, sweet grass or sage, it will improve the burning and sensory qualities. There is also an increase in actual yield.

**Can Clearing Solution be foliar sprayed?** No. Do NOT foliar spray Clearing Solution.

**Can I use Clearing Solution on fruit and vegetable crops?** Clearing Solution has been designed to work on floral crops. In actual experience, it also has applications on grasses, in particular varieties used for smudging like sweet grass and sage.

**This bottle of Clearing Solution has things growing in it?** Clearing Solution should be thought of as being alive. That it grows things is a sign it is still fresh. It has things in it that want to grow and are held in check by a low pH. It is common to see small black specks on the sides of the bottle.

### How long can Clearing Solution be stored before it should not be used?

Clearing Solution should be used within 18 months, or within a year if stored in hot conditions. Experience has shown that it can be used beyond this time limit, however, it is more effective when it is fresher.

### I accidentally mixed Clearing Solution in with my nutrient?

Drain the nutrient Clearing Solution immediately from the system. Flush with fresh pH adjusted water. Make up a new nutrient solution. DO NOT mix Clearing Solution with nutrients.

### I have seen products that claim silimar results. How do they compare?

Clearing Solution is designed to increase total yield and improve quality. If you have been using Clearing Solution and then use the other products you will notice the difference. Clearing Solution is designed to yield and improve quality. We have had consistent results and are confident that it will work for you.