



## PRODUCT OVERVIEW

Mills is a state of the art nutrient line designed to ensure flowering plants receive complete nutrition effectively and efficiently. The Mills line was developed through a decade's worth of research in the laboratory and application in field. The proprietary bio-mineral formulas are simple and easy to use in all growing styles and are guaranteed to produce the finest fruits and flowers time after time. From seedling to harvest, Mills is the ideal partner for growers of all levels.



## MILLS START-R

START-R is a complex bio-stimulant nutrient additive for use during the seedling, growth and early bloom phases of all plants. START-R contains a highly available form of Nitrogen and a unique combination of Bio-Stimulants which act as a root stimulator while promoting plant vitality and abundant branching. START-R is immediately absorbed by the plant and is perfect for proper development of seedlings, rooted cuttings, young plants, and use during transplant.

START-R is responsible for:

- Fast and strong development of roots
- Promotion of plant growth and vitality
- Improvement of media structure and nutrient uptake
- Rapid recovery from transplant shock



## MILLS BASIS A    MILLS BASIS B

BASIS A & B is a highly concentrated Bio-Mineral base nutrient designed to bring optimal nutrition in both vegetative and bloom stages of all plants. BASIS is designed so the plant can easily absorb everything needed within a wide pH range.

This two part nutrient is suitable for all growing styles (Soil, Coco, & Hydro) and is incredibly easy to use. Compatible with all growing mediums and watering methods.



## MILLS C4

C4 is a sophisticated blend of macro nutrients, micro nutrients, bio-stimulants, carbohydrates, and trace minerals guaranteed to give the grower heavier and higher quality yields. The potent Bio-Stimulants in C4 cause the plant to produce massive amounts of essential oils and sugars.

C4 is responsible for:

- Quicker and more abundant fruit set
- Promotion of plant growth and vitality
- Increased oil and sugar production
- Development of denser, harder and heavier fruit and flowers



## MILLS ULTIMATE PK BOOSTER

ULTIMATE PK is a powerful heavy weight bloom booster designed to be used the last 2 to 4 weeks of the flowering stage. The superior composition of ULTIMATE PK provides the plant with all the nutrient needed during ripening for more abundant fruit set, hard cell structure and the best possible flavor and aroma.

ULTIMATE PK is responsible for:

- Larger and harder fruit and flowers with the best possible aroma and flavor (Discontinue use of C4 when ULTIMATE PK is introduced).
- ULTIMATE PK is the "ultimate" bloom booster on the market today!
- Compatible with all growing medium and watering methods



## MILLS SUGAR RUSH

Sugar Rush accelerates and stimulates the plant's resin and trichome production. Sugar Rush is an ingeniously designed nutrient which utilises a complex combination of refined natural elements and biochemical processes. It contains for example citric acid metabolites which speed up the Krebs cycle. Sugar Rush will ensure the plant's maximum hair and resin development. The plant will be better protected, obtain more from its environment and can concentrate fully on growth and flowering.



## MILLS VITALIZE

Whether you're human, animal or plant, everyone needs silicon. Plants use it to grow stronger and to better equip themselves to fight diseases and bacteria. Mills Silicic caters for this very want of the crop with a unique, patented and revolutionary mix that contains no less than a thousand times more dissolvable silicon than other, more traditional fertiliser. The result? A greener, healthier and stronger plant that'll produce a phenomenal yield.

- Provides a natural insurance for your crop
- Is a unique, highly concentrated and stabilised form of silicic acid, a bio product of silicon
- Contains more than a thousand times more water dissolvable silicon than traditional fertilisers
- Easy to use as a Foliar fertiliser
- Is not poisonous and leaves no residue on the product
- Improves the crop's immune system
- Improves the crop's resilience against insects

- Alleviates the amount of abiotic stress, such as temperature, water and salinity stress
- Acts as a bio-stimulant in the plant production system
- Improves the germinative capacity in both saline and dry environments
- Improves the root structure in both size and weight
- Reduces perspiration and optimises water management
- Improves the absorption of nutrients and its utilisation in the the plant production system
- Immobilises heavy toxic metals
- Improves the yield and the quality of the product
- Reduces water loss in fruit and vegetables after harvesting
- Improves the tenability of fruit and vegetables
- Suitable for mixing with other fertilisers or other protective means
- Suitable for all kinds of crop



# DNA ULTIMATE MIXES WITH CORK

A brand new innovative venture to offer natural growing solutions for the premium fast paced agricultural market. With the combined expertise from both companies' gained from a heritage that stretches back well over a decade have enabled us to produce two of the most eco friendly innovative growing solutions to maximize plant growth and bloom enhancement.



- 100% Natural
- Ready to use for indoor and outdoor  
( No mixing required )
- High aeration ( No need for perlite )
- Rapid development of Root system
- Compiled from the highest grade 100% raw natural materials
- Applicable for all plants, fruits, vegetables ( indoor | outdoor )
- DNA Ultimate Mixes combined with Mills Nutirents will help maximize growth, flavour and natural aroma.



## Facts about Cork?

- Cork Oak Trees are **NOT** cut down to harvest cork.
- There are 6.6 million acres of cork forest in Europe
- Cork oak trees can live up to 300 years!
- Cork Oak trees that are not stripped only live up to 100 years
- The cork bark is stripped by hand every 9-12 years
- Cork forests of Europe sustain the livelihoods of thousands of workers not to mention the endangered Iberian Lynx, Iberian Imperial Eagle, and the Barbary Dear.

These Cork forests absorb millions of tons of CO2 each year and are a vast provider of oxygen to our planet. The forests also provide the greatest defense against the desertification of this region. The cork forests are one of the most sustainable and environmentally harvested forests in the world. Using cork actually saves trees!



# GROW SCHEDULE

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(This schedule is a directive)

## VALUES PER 10 LTR. WATER!

### MIXING INSTRUCTIONS:

1. Fill reservoir with water.
2. Always add VITALIZE first and mix thoroughly.
3. Add BASIS A and mix thoroughly (always use equal amounts of A+B).
4. Add BASIS B and mix thoroughly (always use equal amounts of A+B).
5. Add appropriate stimulant.
6. Adjust pH of nutrient solution. 5.8 / 6.2

**CAUTION:** Do not premix nutrients. Add to water only.



	GROWTH PHASE			FLOWERING PHASE							
	WEEK 1	WEEK 2	WEEK 3	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
VITALIZE	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	1 ml	1 ml	1 ml	1 ml
START	10 ml	10 ml	10 ml	10 ml							
BASIS A	10 ml	10 ml	20 ml	25 ml	30 ml	30 ml	30 ml	35 ml	35 ml	30 ml	30 ml
BASIS B	10 ml	10 ml	20 ml	25 ml	30 ml	30 ml	30 ml	35 ml	35 ml	30 ml	30 ml
C4						5 ml	10 ml	15 ml	10 ml		
ULTIMATE PK									20 ml	20 ml	20 ml
EC	1,5	1,5	1,6	1,7	1,8	2,0	2,1	2,2	2,3	2,1	2,1

	GROWTH PHASE			FLOWERING PHASE									
VITALIZE	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	2 ml	1 ml	1 ml	1 ml	1 ml		
START	10 ml	10 ml	10 ml	10 ml									
BASIS A	10 ml	10 ml	20 ml	25 ml	30 ml	30 ml	30 ml	35 ml	35 ml	30 ml	30 ml		
BASIS B	10 ml	10 ml	20 ml	25 ml	30 ml	30 ml	30 ml	35 ml	35 ml	30 ml	30 ml		
C4						5 ml	10 ml	15 ml	✗	20 ml	✗	25 ml	✗
SUGAR RUSH								✗	15 ml	✗	20 ml	✗	25 ml
EC	1,5	1,5	1,6	1,7	1,8	2,0	2,1	2,2	2,3	2,1	2,1		




C4 and Sugar Rush  
NOT together  
but add separately  
in 1 wk



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