



# Spray Programs

**Of Our Micromineral Ionized  
Plant-Supporting Product**



# Nature's Blueprint for Plant Health

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## Harnessing Nature's Wisdom for Sustainable Agriculture

Inspired by the natural phenomenon where Brazil's lush jungles thrive on microminerals from the Sahara Desert, PLANTOSVERDE<sup>®</sup> introduces a revolutionary, nature-mimicking approach to plant nutrition.

## The Micromineral Ionized Plant-Supporting Product

- **Efficiency Redefined:** Delivers essential minerals in the most plant-friendly form, focusing on what plants truly need.
- **Application Mastery:** Optimized for effectiveness, ensuring the minerals are applied in the best possible way.
- **Minimalist Quantity:** Maximizing impact with minimal resource use, promoting sustainability.

## Embrace the Power of Nature

PLANTOSVERDE<sup>®</sup> not only supports your plants but does so by replicating one of Earth's most effective natural processes, offering a testament to the power of natural solutions in modern agriculture.

Discover how PLANTOSVERDE<sup>®</sup> can transform your plant care practices and elevate your crop health to new heights, naturally.

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## SPRAY CRITERIA

Below is an outline of the process and protocols to be used when spraying Plantos Verde<sup>®</sup>

1. Spray the mixture using a fine mist in either late afternoon or early morning
2. Do not spray when leaves are wet
3. Need a minimum of 24 hours without watering or rain
4. Sprayer nozzle should be 0.5mm
5. Herbicide and pesticide hp should be neutral or higher than 6.5

## PLANTOS VERDE<sup>®</sup> SOLUTION

### **A. NORMAL SPRAY:**

- Always 3kg per hectare unless otherwise indicated
- 10 grams per liter
- 3000 grams per 300 liters of water over 10000 square meters

❖ Crop sprayer must have an internal pump to keep mixing the solution during application

### **B. DRONE SPRAYING:**

- Always 3kg per hectare unless otherwise indicated
- 3000 grams on 40 liters of water over 10000 square meters

❖ Mix solution in a separate drum and pump from there to the tank of the drone

# 1. GRASS



## **PLANTOSVERDE<sup>®</sup> APPLICATION**

- 1<sup>ST</sup> APPLICATION: APPLY MIXTURE AFTER CUTTING/MOVING
- 2<sup>ND</sup> APPLICATION: 7-14 DAYS AFTER 1<sup>ST</sup> APPLICATION
- 3<sup>RD</sup> APPLICATION: 21 DAYS AFTER 2<sup>ND</sup> APPLICATION
- REPEAT THE PROCESS

### **WHEN PLANTING FROM A SEED:**

- SPRAY WHEN FIRST LEAVES APPEAR

### **WHEN REPLANTING:**

- DIP THE ROOTS IN THE PLANTOSVERDE<sup>®</sup> MIXTURE BEFORE PLANTING

**\*Spray using a fine mist either evening or early morning**

## 2. MELON



### PLANTOSVERDE<sup>®</sup> APPLICATION

- 1<sup>ST</sup> APPLICATION: APPLY WHEN MELONS ARE 20CM IN DIAMETER
- 2<sup>ND</sup> APPLICATION: 14 DAYS AFTER 1<sup>ST</sup> APPLICATION
- 3<sup>RD</sup> APPLICATION: 21 DAYS AFTER 2<sup>ND</sup> APPLICATION
- REPEAT THE PROCESS UNTIL THE END OF SEASON

### NOTE:

#### **WHEN PLANTING FROM A SEED:**

- SPRAY WHEN FIRST LEAVES APPEAR

#### **WHEN REPLANTING:**

- DIP THE ROOTS IN THE PLANTOSVERDE<sup>®</sup> MIXTURE BEFORE PLANTING



### 3. POTATOES



#### PLANTOSVERDE® APPLICATION

- 1<sup>ST</sup> APPLICATION: APPLY WHEN PLANTS IS 15CM TO 20CM IN HEIGHT (4LEAVES)
- 2<sup>ND</sup> APPLICATION: 14-21 DAYS AFTER 1<sup>ST</sup> APPLICATION
- 3<sup>RD</sup> APPLICATION: WHEN FLOWERING STARTS
- 4<sup>TH</sup> APPLICATION: 14-21 DAYS AFTER 3<sup>RD</sup> APPLICATION

#### NOTE:

##### **WHEN PLANTING FROM A SEED:**

- SPRAY WHEN FIRST LEAVES APPEAR

##### **WHEN REPLANTING:**

- DIP THE ROOTS IN THE PLANTOSVERDE® MIXTURE BEFORE PLANTING

## 4. VEGETABLES



### PLANTOSVERDE<sup>®</sup> APPLICATION

- 1<sup>ST</sup> APPLICATION: WHEN FIRST LEAVES APPEAR
- 2<sup>ND</sup> APPLICATION: WHEN FLOWERING STARTS
- 3<sup>RD</sup> APPLICATION: WHEN FIRST FRUIT/VEG APPEAR

#### NOTE:

##### **WHEN PLANTING FROM A SEED:**

- SPRAY WHEN FIRST LEAVES APPEAR

##### **WHEN REPLANTING:**

- DIP THE ROOTS IN THE PLANTOSVERDE<sup>®</sup> MIXTURE BEFORE PLANTING



## 5. LETTUCE (SALAD LEAVES)



### PLANTOSVERDE<sup>®</sup> APPLICATION

- 1<sup>ST</sup> APPLICATION: WHEN FIRST LEAVES APPEAR
- 2<sup>ND</sup> APPLICATION: EVERY 7 DAYS TILL HARVEST

#### NOTE:

##### **WHEN PLANTING FROM A SEED:**

- SPRAY WHEN FIRST LEAVES APPEAR

##### **WHEN REPLANTING:**

- DIP THE ROOTS IN THE PLANTOSVERDE<sup>®</sup> MIXTURE BEFORE PLANTING

## 6. FRUIT TREES



### PLANTOSVERDE<sup>®</sup> APPLICATION

- 1<sup>ST</sup> APPLICATION: 14-21 AFTER PLANTED FROM SEEDS
- 2<sup>ND</sup> APPLICATION: WHEN FIRST FLOWERS APPEAR
- 3<sup>RD</sup> APPLICATION: WHEN FIRST FRUITS APPEAR

#### NOTE:

##### **WHEN PLANTING FROM A SEED:**

- SPRAY WHEN FIRST LEAVES APPEAR

##### **WHEN REPLANTING:**

- DIP THE ROOTS IN THE PLANTOSVERDE<sup>®</sup> MIXTURE BEFORE PLANTING

## 7. SEEDLINGS



### PLANTOSVERDE<sup>®</sup> APPLICATION

- 1<sup>ST</sup> APPLICATION: WHEN FIRST LEAVES APPEAR (2G/L)
- 2<sup>ND</sup> APPLICATION: WHEN FIRST FLOWERS APPEAR (2G/L)
- 3<sup>RD</sup> APPLICATION: 7 DAYS AFTER 2<sup>ND</sup> APPLICATION (3G/L)
- 4<sup>TH</sup> APPLICATION: 7 DAYS AFTER 3<sup>RD</sup> APPLICATION (3G/L)

### NOTE:

#### **WHEN PLANTING FROM A SEED:**

- SPRAY WHEN FIRST LEAVES APPEAR

#### **WHEN REPLANTING:**

- DIP THE ROOTS IN THE PLANTOSVERDE<sup>®</sup> MIXTURE BEFORE PLANTING

## 8. TOMATO SEEDLINGS



Start with shaking some Plantos Verde<sup>®</sup> on the seeds before planting in the prepared seed trays.

- 1<sup>st</sup> application: when first sprout appears (2g/litre)
- 2<sup>nd</sup> application: when 2 leaves are visible ( 2g/litre)
- 3<sup>rd</sup> application: 7 days after 2<sup>nd</sup> application (3g/litre)
- 4<sup>th</sup> application: 7 days after 3<sup>rd</sup> application (3g/litre)

When seedlings are ready to be planted into open ground or pots etc., shake some Plantos Verde<sup>®</sup> into each plug hole and then plant the seedling into the plug hole.

- 1<sup>st</sup> application: immediately after planting (3g/litre)
- 2<sup>nd</sup> application: 4-5 days later 1<sup>st</sup> application (3g/litre)
- 3<sup>rd</sup> application: every 14 days after 3<sup>rd</sup> application until 10 days before first crop (3g/litre)
- Then every 3 weeks but not maturing fruits, only new growth parts (3g/litre)

**SAME APPLIES FOR ZUCCHINI, EGGPLANT, PAPRIKA,**



## 9. ZUCCHINI, EGGPLANT, TOMATO, PAPRIKA, CUCUMBER



Start with shaking some Plantos Verde<sup>®</sup> on the seeds before planting in the prepared seed trays.

- 1<sup>ST</sup> Application: when first sprout appears (2g/litre)
- 2<sup>ND</sup> Application: when 2 leaves are visible ( 2g/litre)
- 3<sup>rd</sup> Application: 7 days after 2<sup>nd</sup> application (3g/litre)
- 4<sup>th</sup> Application: 7 days after 3<sup>rd</sup> application (3g/litre)

When seedlings are ready to be planted into open ground or pots etc. shake some Plantos Verde<sup>®</sup> into each plug hole and then plant the seedling into the plug hole.

- 1<sup>st</sup> Application: immediately after planting (3g/litre)
- 2<sup>nd</sup> Application: 4-5 days later 1<sup>st</sup> application (3g/litre)
- 3<sup>rd</sup> Application: every 14 days after 3<sup>rd</sup> application until 10 days before first crop (3g/litre)
- Then every 3 weeks but not maturing fruits, only new growth parts (3g/litre)



## 10. HERBS

(SAGE, THYME, BASIL, PARSLEY, ROSEMARY ECT.)



- 1<sup>ST</sup> Application: all herbs grown out from nursery should be sprayed immediately when the plant is about 4-5 cm
- 2<sup>nd</sup> Application: 14 days after 1<sup>st</sup> application
- 3<sup>rd</sup> Application: every 21 days after 2<sup>nd</sup> application

**\*STOP APPLICATION 3-4 WEEKS BEFORE CROPPING/HARVESTING.**

### Results:

1. Herbs will have a strong smell of the respective perfume
2. Plants will have a larger dry mass
3. Aroma will be more concentrated

**YOU CAN MEASURE THESE EFFECTS WITH A REFRACTOMETER TO DETERMINE THE BRIX DEGREES.**

## 11. CITRUS



1<sup>ST</sup> APPLICATION:  
FLOWERING STAGE  
(3KG / HECTARE)



2<sup>ND</sup> APPLICATION:  
FRUIT SET  
(3KG / HECTARE)



3<sup>RD</sup> APPLICATION:  
FRUIT ENLARGEMENT AND MATURATION  
(2,5KG / HECTARE)



4<sup>TH</sup> APPLICATION:  
POST HARVEST  
(2KG / HECTARE)

**TOTAL: 10KG / HECTARE**

## 12. BUSH BEANS



- 1<sup>st</sup> APPLICATION:  
WHEN FIRST TRUE LEAVES APPEAR  
(2,5KG / HECTARE)

- 2<sup>ND</sup> APPLICATION:  
VEGETATIVE / FLOWERING STAGE  
(3KG / HECTARE)

- 3<sup>RD</sup> APPLICATION:  
WHEN FRUITS FORM  
(3KG / HECTARE)

- 4<sup>TH</sup> APPLICATION:  
UP UNTIL HARVEST ENDS  
(2,5KG / HECTARE)

### NOTE:

#### **WHEN PLANTING FROM A SEED:**

- SPRAY WHEN FIRST LEAVES APPEAR

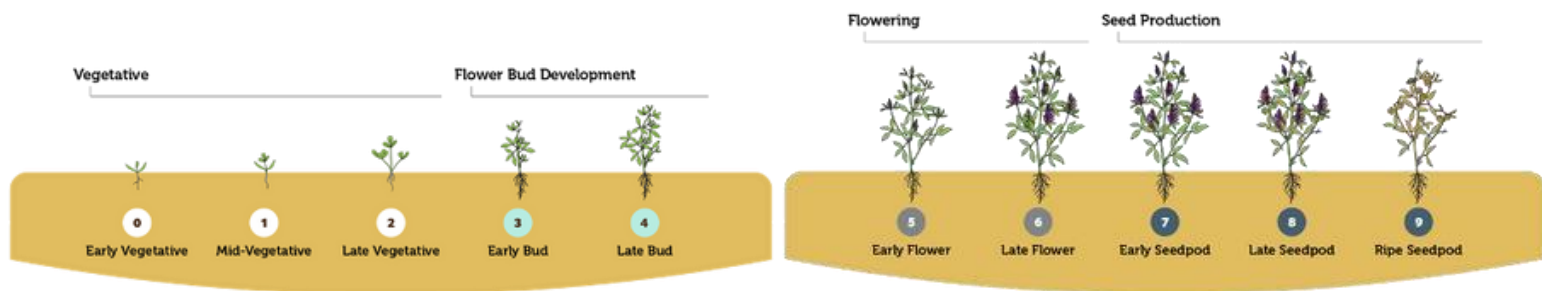
#### **WHEN REPLANTING:**

- DIP THE ROOTS IN THE PLANTOS VERDE® MIXTURE BEFORE PLANTING

**TOTAL: 11KG / HECTARE**



## 13. LUCERNE/ALFALFA



• 1<sup>st</sup> APPLICATION: BETWEEN STAGES 1-2

• 2<sup>ND</sup> APPLICATION: 14 DAYS LATER

• 3<sup>RD</sup> APPLICATION: FURTHER 21 DAYS

\*THEN EVERY 21-26 DAYS TILL CUTTING/HARVESTING

NEWLY PLANTED

IMMEDIATELY AFTER CUTTING START AGAIN, NEXT 14 DAYS

## 14. STRAWBERRIES



1<sup>st</sup> APPLICATION:  
WHEN FIRST TRUE LEAVES APPEAR  
(2,5KG / HECTARE)



### NOTE:

#### WHEN PLANTING FROM A SEED:

- SPRAY WHEN FIRST LEAVES APPEAR

#### WHEN REPLANTING:

- DIP THE ROOTS IN THE PLANTOS VERDE® MIXTURE BEFORE PLANTING

3<sup>RD</sup> APPLICATION:  
WHEN FIRST FRUIT APPEAR  
(3KG / HECTARE)

4<sup>TH</sup> APPLICATION:  
3 WEEKS BEFORE HARVEST  
(2,5KG / HECTARE)

**TOTAL: 11KG / HECTARE**



## 15. PEPPERS



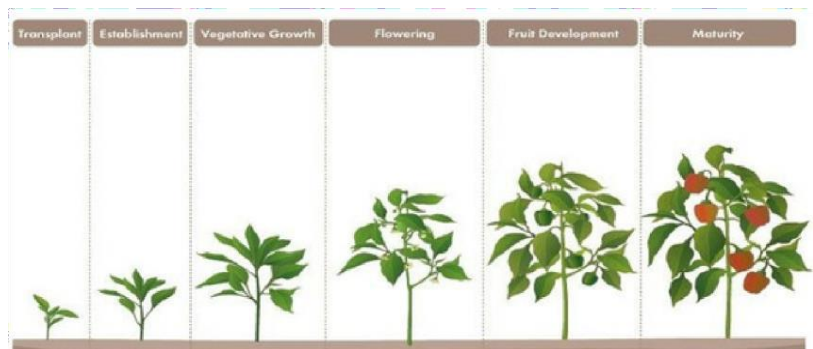
1<sup>st</sup> APPLICATION:  
WHEN FIRST TRUE LEAVES APPEAR  
(2,5KG / HECTARE)

2<sup>ND</sup> APPLICATION:  
WHEN FIRST FLOWERS APPEAR  
(3KG / HECTARE)

3<sup>RD</sup> APPLICATION:  
WHEN FIRST FRUIT APPEAR (FRUIT  
SET)  
(3KG / HECTARE)

4<sup>TH</sup> APPLICATION:  
3 WEEKS BEFORE HARVEST  
(2,5KG / HECTARE)

**TOTAL: 11KG / HECTARE**



### NOTE:

#### WHEN PLANTING FROM A SEED:

- SPRAY WHEN FIRST LEAVES APPEAR

#### WHEN REPLANTING:

- DIP THE ROOTS IN THE PLANTOS VERDE® MIXTURE BEFORE PLANTING

## 16. OLIVES



1<sup>ST</sup> APPLICATION: 3KG WHEN NEW LEAVES ARE OUT OR FIRST LEAVES ON NEWLY PLANTED TREES

2<sup>ND</sup> APPLICATION: 2KG 14-21 DAYS LATER

4<sup>TH</sup> APPLICATION: 2KG 30 DAYS LATER

3<sup>RD</sup> APPLICATION: 3KG 14-21 DAYS LATER OR AFTER FLOWERING

5<sup>TH</sup> APPLICATION: 2KG EVERY 30 DAYS TILL 3-4 WEEKS BEFORE CROPPING

6<sup>TH</sup> APPLICATION: 3KG POST HARVEST SPRAY

**Note:**

In case that trees are in larger distance to each other, calculate about one good spraying with a 0, 3% solution per tree, this is about 2-6 liter of solution, or 6- 20 gr per tree.

(Always stop spraying 4 weeks before cropping is foreseen to avoid dust particles on fruits. There is no danger, in case there are some particles on, but optical impression is better without)

## 17. ONIONS



**1<sup>ST</sup> APPLICATION:**  
1 TO 2 TRUE LEAVES  
(2,5KG / HECTARE)

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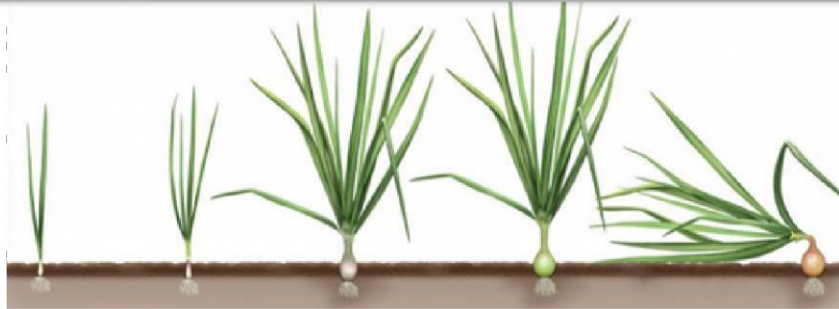
**2<sup>ND</sup> APPLICATION:**  
VEGETATIVE GROWTH (LEEK STAGE:  
NECK OF THE PLANT STARTS TO  
THICKEN)  
(3KG / HECTARE)

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**3<sup>RD</sup> APPLICATION:**  
BULB INITIATION (BULB DIAMETER IS  
DOUBLE THE SIZE OF THE NECK /  
PLANT REACHES MAXIMUM HEIGHT)  
(3KG / HECTARE)

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**4<sup>TH</sup> APPLICATION:**  
DEVELOPMENT (LEAVES CONTINUE TO  
GROW AND ELONGATE BUT THE TOTAL  
LEAF AREA AND NUMBER OF LEAVES  
STAY ABOUT THE SAME)  
(2,5KG / HECTARE)



**NOTE:**

**WHEN PLANTING FROM A SEED:**

- SPRAY WHEN FIRST LEAVES APPEAR

**WHEN REPLANTING:**

- DIP THE ROOTS IN THE PLANTOSVERDE<sup>®</sup> MIXTURE BEFORE PLANTING

## 18. ROOT VEGETABLES

(CARROTS, BEETROOT, RADDISHS, TURNIPS)



1<sup>ST</sup> APPLICATION  
WHEN THE FIRST TRUE LEAVES APPEAR  
(3KG / HECTARE)

2<sup>ND</sup> APPLICATION:  
14 TO 21 DAYS LATER  
(3KG / HECTARE)

3<sup>RD</sup> APPLICATION:  
14 TO 21 DAYS LATER  
(3KG / HECTARE)

4<sup>TH</sup> APPLICATION:  
14 TO 21 DAYS LATER  
(3KG / HECTARE)

**TOTAL: 12KG / HECTARE**

### NOTE:

#### WHEN PLANTING FROM A SEED:

- SPRAY WHEN FIRST LEAVES APPEAR

#### WHEN REPLANTING:

- DIP THE ROOTS IN THE PLANTOSVERDE® MIXTURE BEFORE PLANTING



## 19. BRASSICAS

(CAULIFLOWER, CABBAGE, BROCCOLI, KALE, ETC)



1<sup>ST</sup> APPLICATION:  
4 TO 6 LEAF STAGE  
(3KG / HECTARE)

2<sup>ND</sup> APPLICATION:  
MAIN VEGETATIVE STAGE  
(3KG / HECTARE)

3<sup>RD</sup> APPLICATION:  
14 TO 28 DAYS LATER  
(3KG / HECTARE)

4<sup>TH</sup> APPLICATION:  
DEVELOPMENT STAGE  
(3KG / HECTARE)

**TOTAL: 12KG / HECTARE**



### NOTE:

#### **WHEN PLANTING FROM A SEED:**

- SPRAY WHEN FIRST LEAVES APPEAR

#### **WHEN REPLANTING:**

- DIP THE ROOTS IN THE PLANTOSVERDE<sup>®</sup> MIXTURE BEFORE PLANTING



## 20. STONE FRUIT

(Stone fruit are fruits that have a thin skin and a seed “stone” in the centre)

(Peaches, Plums, Apricots, Dates, Mangoes, Coconuts & Cherries fall into the stone fruit category)



- AS LONG AS FOLIAGE IS GREEN THE PLANT WILL ABSORB NUTRIENTS APPLIED BY THE FOLIAR SPRAY



### **1<sup>ST</sup> APPLICATION:**

HALF INCH GREEN: WHEN ONE HALF INCH OF GREEN TISSUE IS PROJECTING FROM BUDS

(2.5KG / HECTARE)



### **2<sup>ND</sup> APPLICATION:**

BLOOM: FIRST OPENING OF BLOSSOMS UNTIL PETAL-FALL STAGE. DO NOT USE INSECTICIDES DURING THIS TIME

(3KG / HECTARE)



### **3<sup>RD</sup> APPLICATION:**

PETAL FALL: THREE-FOURTHS OF PETALS ON THE BLOSSOM HAVE FALLEN

(3KG / HECTARE)



### **4<sup>TH</sup> APPLICATION:**

SHUCL-SPLT: OUTER SHUCK HAS SPLIT AND BASE OF FRUIT IS EXPOSED

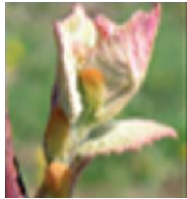
(2.5KG / HECTARE)

### **5<sup>TH</sup> APPLICATION:**

FRUIT SET: A SHUCK HAS FALLEN AND ONLY THE SMALL DEVELOPING FRUIT REMAINS (2.5KG / HECTARE)

**TOTAL: 13.5KG / HECTARE**

## 21. GRAPEVINE



### 1<sup>st</sup> APPLICATION:

1-to-3-inch shoots (2.2cm to 7.5cm) long with 1 to 3 small leaves at right angles to the stem  
(2.5kg / hectare)



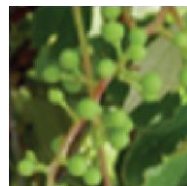
### 2<sup>ND</sup> APPLICATION:

10-to-16-inch shoots (25cm to 40cm) long. Flower clusters are clearly visible  
(3kg / hectare)



### 3<sup>RD</sup> APPLICATION:

Immediate pre-bloom: the caps are still attached and no flowers visible  
(3kg / hectare)



### 4<sup>TH</sup> APPLICATION:

Buckshot berries: berries are the size of buckshot pellets  
(2.5kg / hectare)



### 5<sup>TH</sup> APPLICATION:

Veraison: berries soften and change colour as they begin to ripen  
(2.5kg / hectare)

**TOTAL: 13.5KG / HECTARE**

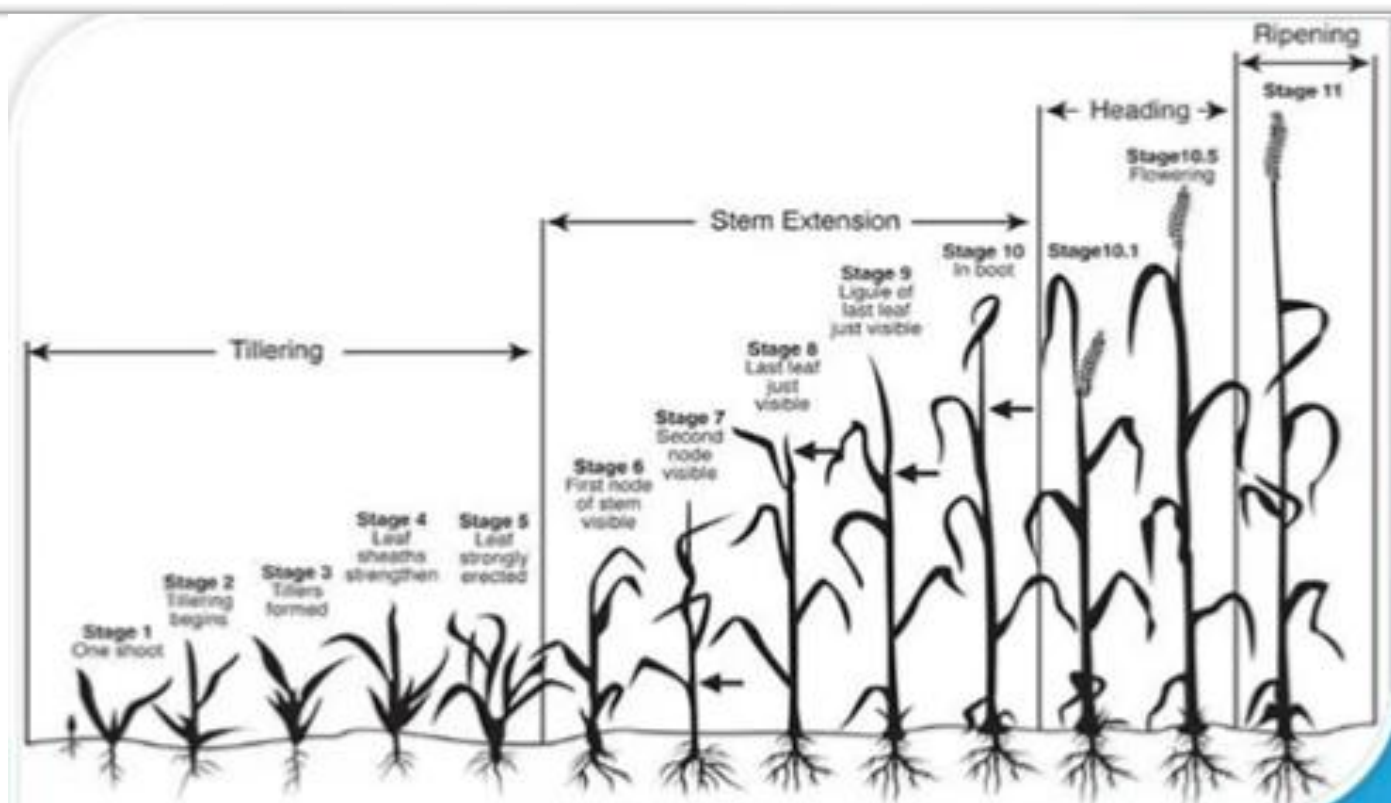
## 22. SUGARCANE



- 1<sup>ST</sup> APPLICATION: AFTER PLANTING OR, WHEN PLANT IS ABOUT 20 CM HIGH
- 2<sup>ND</sup> APPLICATION: 21-28 DAYS AFTER 1<sup>ST</sup> APPLICATION
- 3<sup>RD</sup> APPLICATION: 21-28 DAYS AFTER 2<sup>ND</sup> APPLICATION
- FURTHER TREATMENT, IF POSSIBLE, WITHOUT DAMAGE TO THE PLANT 21-28 DAYS AFTER 3<sup>RD</sup> APPLICATION



## 23. WHEAT



- 1<sup>ST</sup> APPLICATION: BETWEEN STAGES 5 AND 6
- 2<sup>ND</sup> APPLICATION: AFTER STAGE 8 BEFORE STAGE 9
- 3<sup>RD</sup> APPLICATION: AFTER STAGE 9 BEFORE FLOWERING
- 4<sup>TH</sup> APPLICATION: AFTER FLOWERING BEFORE STAGE 11

## 24. CANNABIS – FLOWERS



### A. NEW PLANTS

- 1<sup>ST</sup> APPLICATION: AFTER 4 LEAVES APPEARED
- 2<sup>ND</sup> APPLICATION: 14 DAYS AFTER 1<sup>ST</sup> APPLICATION
- 3<sup>RD</sup> APPLICATION: 21 DAYS AFTER 2<sup>ND</sup> APPLICATION
- SUBSEQUENT APPLICATIONS ARE CARRIED OUT ONCE A MONTH BUT STOPPED
- **21 DAYS BEFORE CUTTING OF THE FLOWERS**

### B. AFTER CUTTING OF FLOWERS

- 1<sup>ST</sup> APPLICATION: IMMEDIATELY AFTER CUTTING OF FLOWERS
- 2<sup>ND</sup> APPLICATION: 14 DAYS AFTER 1<sup>ST</sup> APPLICATION
- 3<sup>RD</sup> APPLICATION: 21 DAYS AFTER 2<sup>ND</sup> APPLICATION
- SUBSEQUENT APPLICATIONS ARE CARRIED OUT ONCE A MONTH BUT STOPPED
- **21 DAYS BEFORE CUTTING OF THE FLOWERS**



## 25. CANNABIS – SEEDS



- 1<sup>ST</sup> APPLICATION: AFTER 4 LEAVES APPEARED
- 2<sup>ND</sup> APPLICATION: 14 DAYS AFTER 1<sup>ST</sup> APPLICATION
- 3<sup>RD</sup> APPLICATION: 21 DAYS AFTER 2<sup>ND</sup> APPLICATION
- SUBSEQUENT APPLICATIONS ARE CARRIED OUT ONCE A MONTH BUT STOPPED 21 DAYS BEFORE HARVESTING

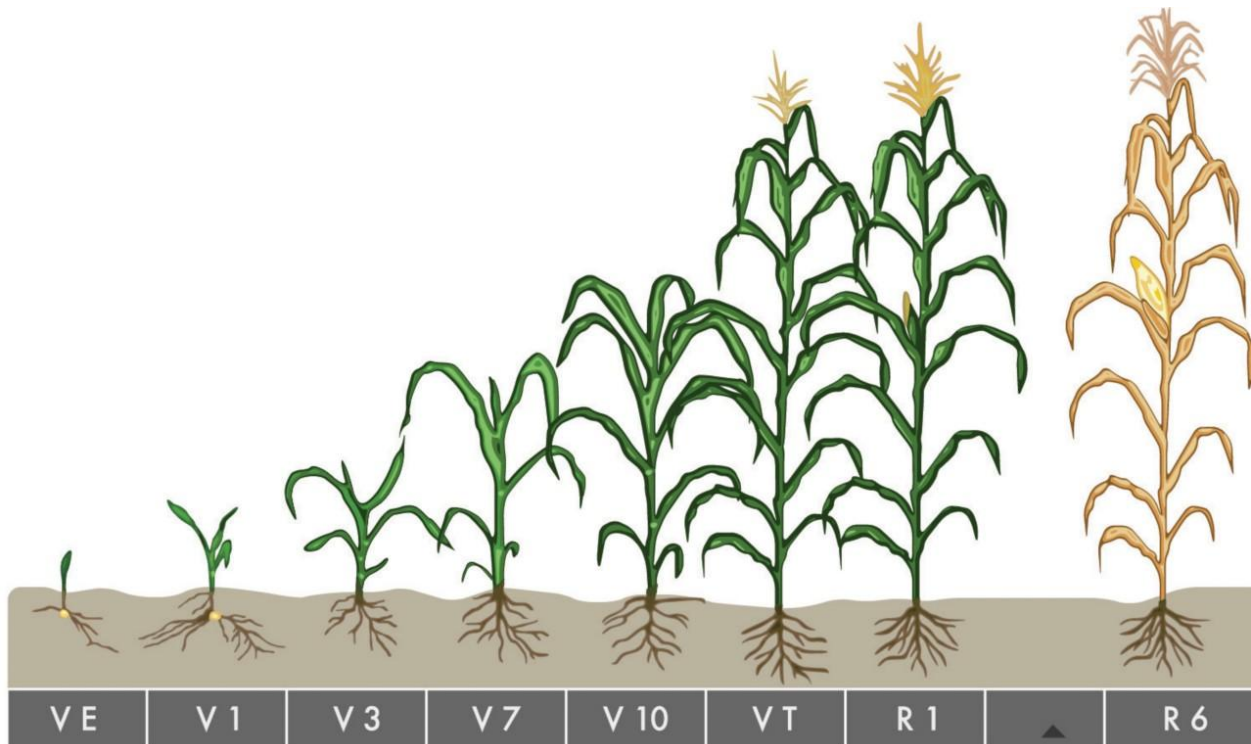
## 26. BLUE BERRIES



- 1<sup>ST</sup> APPLICATION: WHEN FIRST NEW LEAVES EMERGE (2,5KG / HECTARE)
- 2<sup>ND</sup> APPLICATION: WHEN FIRST FLOWERS APPEAR (3KG / HECTARE)
- 3<sup>RD</sup> APPLICATION: AT FRUIT SET (3KG / HECTARE)
- 4<sup>TH</sup> APPLICATION: POST HARVEST (2,5KG / HECTARE)

**TOTAL: 11 KG/Hectare**

## 27. CORN / MAIZE



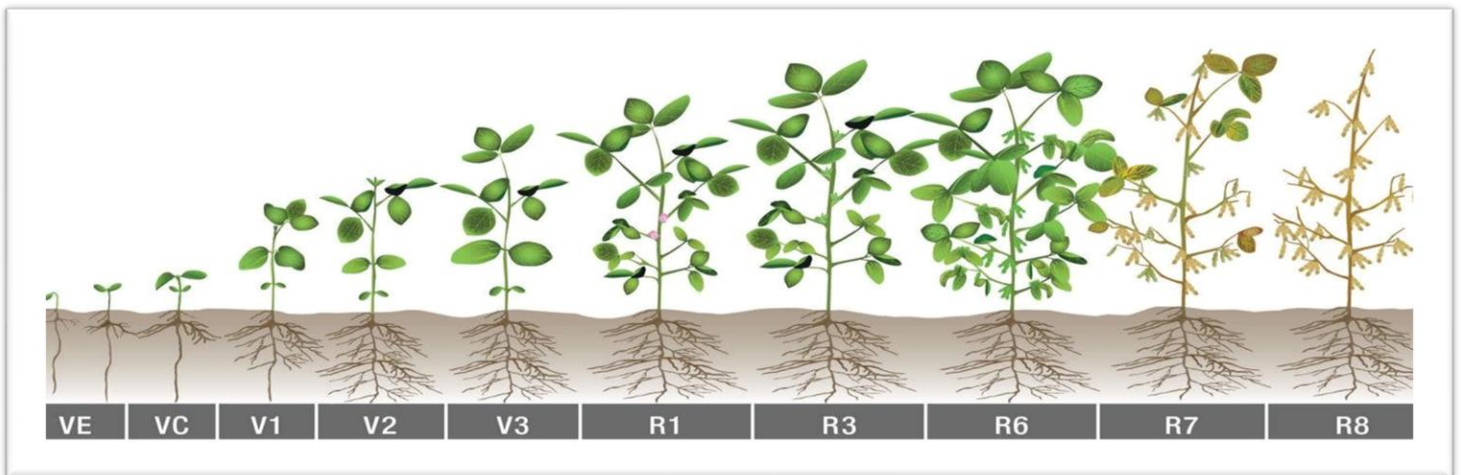
- 1<sup>ST</sup> APPLICATION: BETWEEN STAGES V1 (FIRST 4 LEAVES APPEARED)
- 2<sup>ND</sup> APPLICATION: 14 DAYS AFTER 1<sup>ST</sup> APPLICATION
- 3<sup>RD</sup> APPLICATION: ANOTHER 21 DAYS AFTER 2<sup>ND</sup> APPLICATION - BEFORE FLOWERING
- 4<sup>TH</sup> APPLICATION: AFTER FLOWERING

**IMPORTANT NOT TO DISTURB THE BEES THAT POLLINATE THE FLOWERS**

Preferably using Drones when the plant is about to reach height as ordinarily the equipment is damaging the plant resulting in crop loss.

In cases where no drones or special equipment (tractors with high free space) are available, the application should be done at least 3x.

## 28. SOYBEAN



- 1<sup>ST</sup> APPLICATION: stage vc: 4 leaves appearance
- 2<sup>ND</sup> APPLICATION: 14 - 21 days after 1<sup>ST</sup> application
- 3<sup>RD</sup> APPLICATION: 21 days after 2<sup>ND</sup> application
- 4<sup>TH</sup> APPLICATION: about 21 days after 3<sup>rd</sup> application, in reality, after flowering.

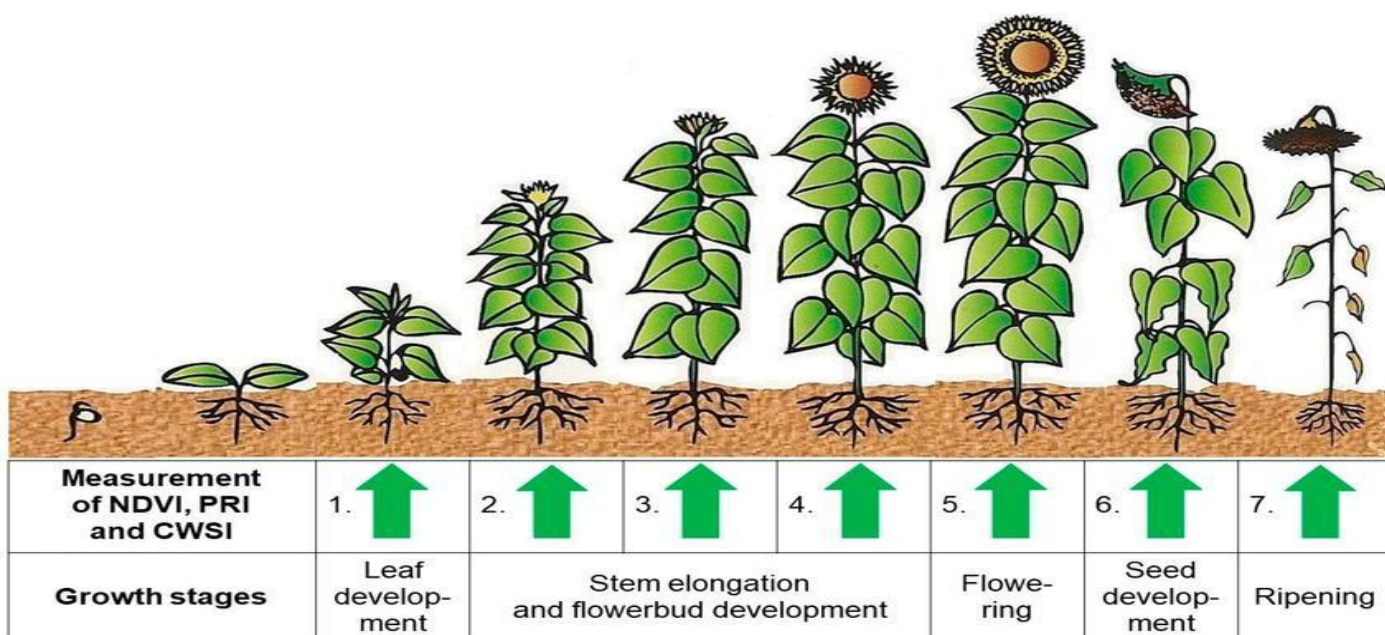
**IT IS NECESSARY NOT TO DISTURB THE BEES THAT POLLINATE THE FLOWERS**

Preferably using Drones when the plant is about to reach height before equipment is damaging the plant.

In case no drones or special equipment (tractors with high free space) are available, the application should be done at least 3x.



## 29. SUNFLOWER



- 1<sup>st</sup> application: When 4 leaves appear
- 2<sup>nd</sup> application: 14 - 21 days after 1<sup>st</sup> application
- 3<sup>rd</sup> application: 21 days after 2<sup>nd</sup> application
- 4<sup>th</sup> application: about 21 days after 3<sup>rd</sup> application, after flowering

**IMPORTANT NOTE: Do NOT disturb the bees that pollinate the flowers**

Preferably using drones when the plant is about to reach height before equipment is damaging the plant.

In case no drones or special equipment (tractors with high free space) are available, the application should be done at least 3x.

## 30. ROOIBOS TEA (AFTER CUTTING)



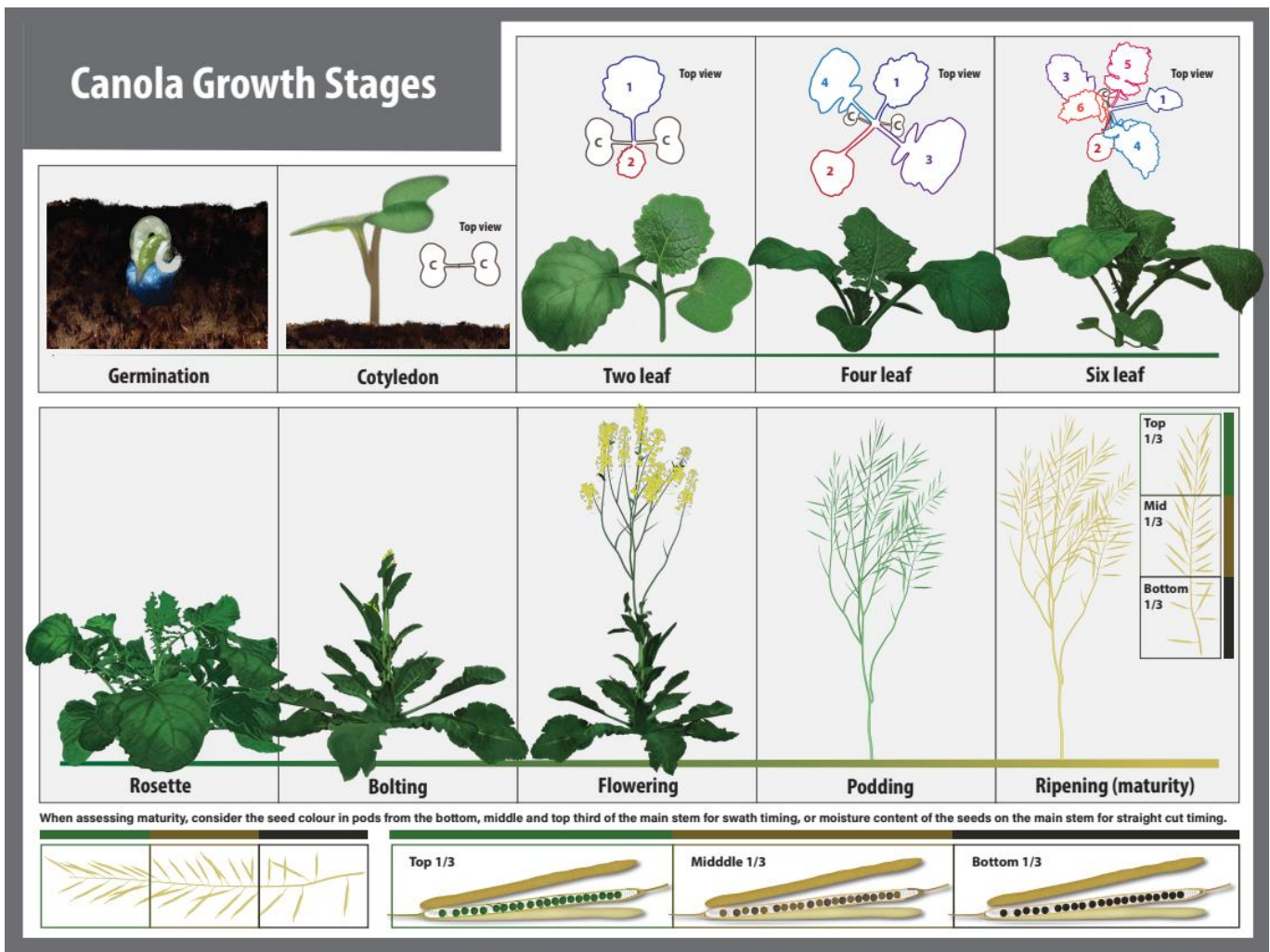
### NEW PLANTS

- 1<sup>st</sup> application: powder seeds with Plantos Verde® to increase vitality of seeds
- 2<sup>nd</sup> application: at the seedling stage, immediately after planting outside of greenhouse
- 3<sup>rd</sup> application: 14 – 21 days after 2<sup>nd</sup> application
- Next application: each month until flowering
- No spraying during flowering
- After flowering, one treatment

### AFTER EACH CUT

- 1<sup>st</sup> application: immediately after cut
- 2<sup>nd</sup> application: 7 – 10 days after 1<sup>st</sup> application
- Next application: every month until flowering
- After flowering one application till cut
- After cutting repeat process

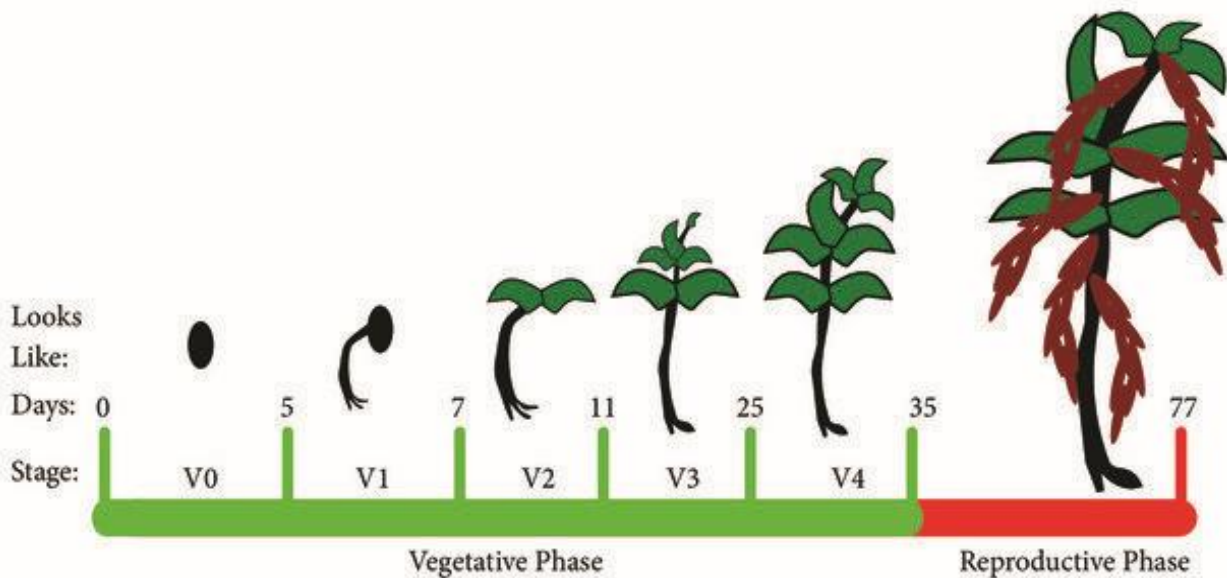
## 31. CANOLA



- 1<sup>st</sup> APPLICATION: 4 LEAF STAGE
- 2<sup>nd</sup> APPLICATION: 14 DAYS AFTER 1<sup>ST</sup> APPLICATION
- 3<sup>rd</sup> APPLICATION: AT BOLTING STAGE



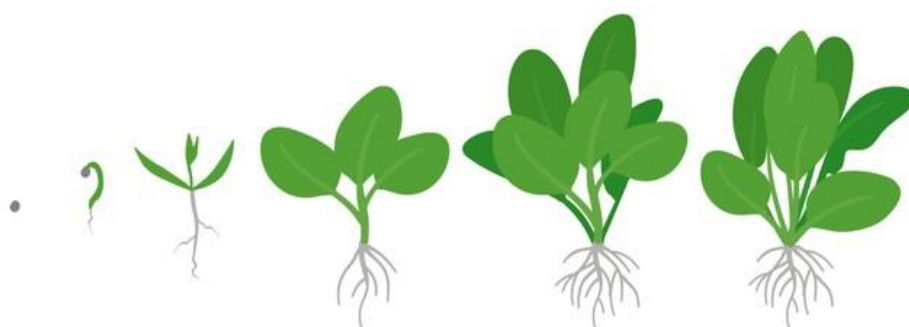
## 32. SUGAR BEANS



- 1<sup>st</sup> APPLICATION: 4 LEAF STAGE (V3)
- 2<sup>nd</sup> APPLICATION: 14 DAYS AFTER 1<sup>ST</sup> APPLICATION
- 3<sup>RD</sup> APPLICATION: 14 DAYS AFTER 3<sup>RD</sup> APPLICATION



## 33. SPINACH



**FOR ROOT SPINACH TYPE:**

- 1<sup>ST</sup> Application: when the first 4 leaves appear
- 2<sup>ND</sup> Application: 8 to 12 days later
- 3<sup>RD</sup> Application: when the plant is transplanted, to reduce stress
- 4<sup>TH</sup> Application: 8 to 10 days later

**FOR BABY SPINACH TYPE:**

- 1<sup>st</sup> Application: when 4 leaves appear
- 2<sup>nd</sup> Application: 8 to 10 days later
- 3<sup>rd</sup> Application: immediately after cut
- 4<sup>th</sup> Application: 8 to 10 days later

**RESIDUE ON THE LEAVES CAN BE WASHED AWAY WITH WATER**

## 34. AVOCADOS



### PLANTING STAGE

1. First application: Powder seeds with Plantos Verde® to increase vitality of seeds
2. At seedling stage, immediately after planting outside of greenhouse
3. 14 – 21 days later next spraying
4. Spray once a month thereafter until flowering
5. No spraying during flowering time
6. After flowering. One-two treatments

### \*\*\*\*\* AFTER EACH HARVESTING \*\*\*\*\*

1. Spray Once Immediately after harvest
2. 2<sup>nd</sup> Application spray 7 – 10 days after
3. Then Spray once a month until flowering as per the cycle above
4. After flowering One-Two sprays until harvest
5. After harvest immediately again and we repeat the cycle as above.

DOSAGE IS ALWAYS 3KG / 300-1000 LITRES / HA

Nozzle diameter 0.5 mm

Please ensure constant mixing of the solution in the tank to avoid powder sinking to the bottom

Preferable to use Agricultural Drones – We can supply these if needed.