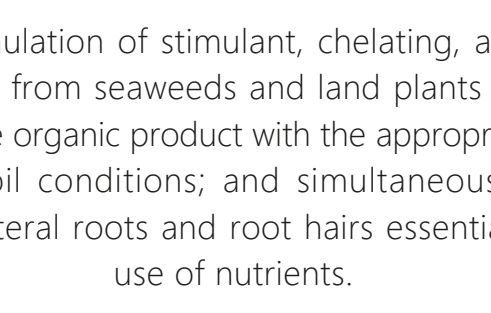
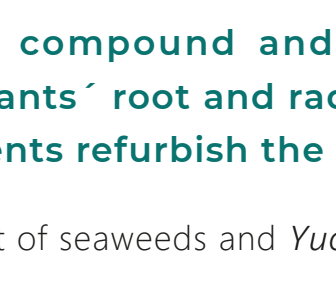




Organic rooting compound and soil enhancer made from seaweed extract and land plants.



Organic rooting compound and soil enhancer; it stimulates the plants' root and radicular system, and its components refurbish the soil structure.

Liquid extract of seaweeds and *Yucca schidigera*

### What makes it unique?

The balanced formulation of stimulant, chelating, and surface-active elements extracted from seaweeds and land plants makes it possible to develop a unique organic product with the appropriate characteristics to improve the soil conditions; and simultaneously, to foster the development of lateral roots and root hairs essential for the optimal use of nutrients.



With more than **6 years** in the market, Kelproot has demonstrated its effectiveness in the stimulation and formation of roots in several crops without the need for synthetic substances or hormones; therefore, **showing** our responsibility with society and the environment.

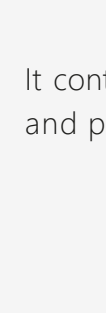
### Why use it?

Considering that the soil or substratum condition is a determining factor in the development of the plants' root and radical systems, Kelproot's functions as rooting compound and soil enhancer make it an efficient alternative to improve the rhizosphere of any organic or conventional crop.

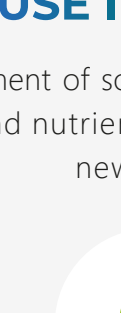
Being a product that can be applied even in the preparation of the soil or seed treatment, Kelproot's effects will be observable from the first applications: increasing the root mass as well as the permeability and retention of nutrients and moisture.



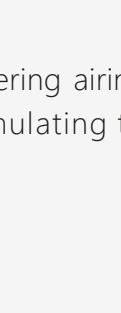
### What are its effects?



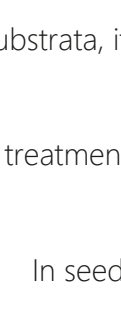
Fostering of the development of lateral roots



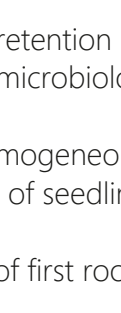
Soil conditioning



Stimulation of root mass



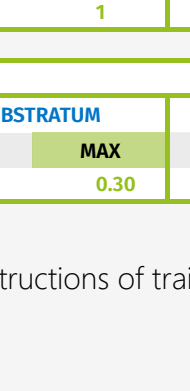
Development of beneficial microorganisms



Increase of nutrient permeability

### How is it used?

It can be applied in any crop and at any phenological stage with an emphasis on the initial stages and those that are critical for root development and root maintenance. Its application can be made by various methods that involve direct contact with roots, soil and/or substratum.



#### USE IN SOILS

It contributes to the improvement of soils' conditions fostering airing, flocculation, and permeability of water and nutrients apart from stimulating the creation of new roots.



#### OTHER USES

In substrata, it increases the time of period of retention and uptake of nutrients. It also activates beneficial microbiology.

In the treatment of seeds, it provides a more homogeneous germination, therefore, improving the emergence of seedlings.

In seedlings, it favors the development of first roots and root hairs.



#### TECHNICAL ASSISTANCE / DOSAGE AND RECOMMENDATIONS

Depending on the type, conditions, and handling of the crop, the recommended dosage is:

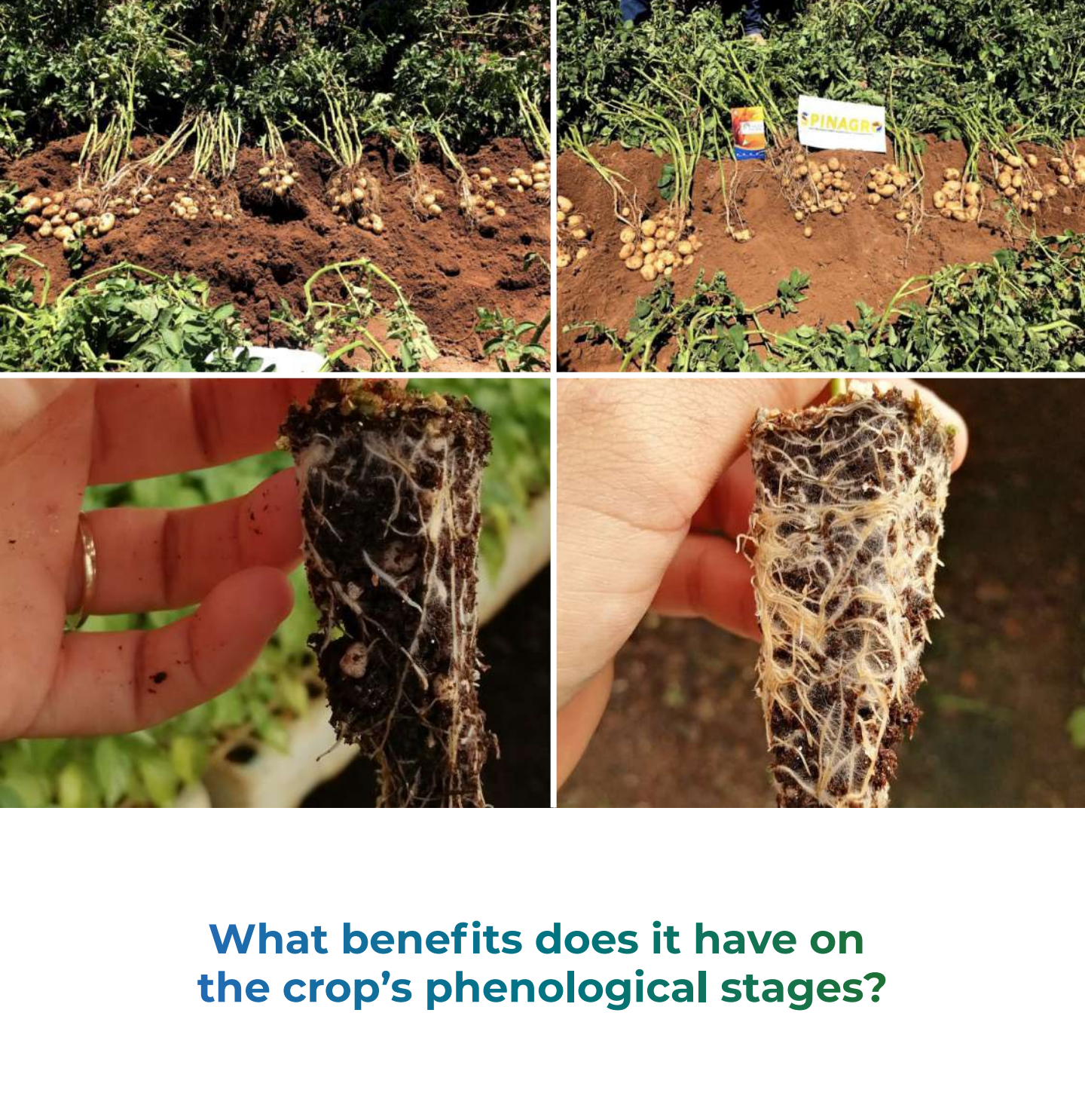
PRODUCT	TYPE OF APPLICATION		DOSAGE (Gallon/Acre)					
	IRRIGATION	FOLIAR	GRAINS		VEGETABLES		FRUIT / NUTS	
Kelproot	X	X	MIN	MAX	MIN	MAX	MIN	MAX
			0.25	1	0.25	1	0.25	1

SUBSTRATUM	SEEDS		SEEDLINGS	
	MIN	MAX	MIN	MAX
	0.15	0.30	0.20	0.40

For better results, follow the instructions of trained technical personnel.

#### CONTROL PLOT

#### TREATMENT



### What benefits does it have on the crop's phenological stages?



#### Soil or substratum

Increased retention of moisture and nutrients  
Less germination time

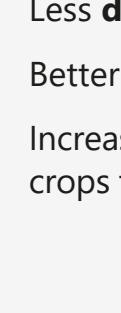
Better development of germination and homogeneity



#### Germination

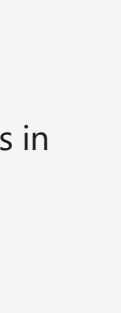
Increased number of germinated seeds  
Less germination time

Homogeneity in development and emergence



#### Seedling

Better formation and resistance of first roots  
Greater development of root hairs



#### Maintenance

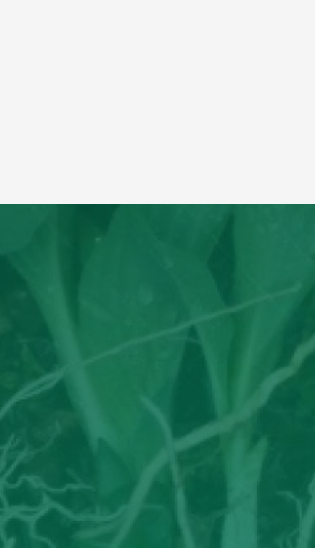
Stimulation and renewal of roots  
Increase in the absorption of essential nutrients

#### RESULTS

Homogeneous root and plant development  
Less **deterioration of roots**

Better soil conditions in the long term

Increase of more than 20 % of root mass in crops treated



#### ROOTS: THE FOUNDATION OF THE PLANT

Since the embryonic stages, the root is one of the first organs to be developed due to its importance for the uptake of nutrients and the establishment of the plant. This is why the stimulation of the root system is a significant strategy that leads to the profitability of the crop without leaving aside the care of the soil and the beneficial microbiology as fundamental components of the rhizosphere.

