SIBERIO

ADVANCES AND UNIFORMS THE GERMINATION OF THE BUDS

SIBERIO is a fertilizer created to promote the vegetative awakening and the uniformity of the budding, flowering and setting.
SIBERIO, mixed with **SIBERIOn**, thanks to its particular formulation, penetrates inside the dormant buds nourishing them and promoting the enzymatic and metabolic processes of the plant.

SIBERIO must be used with its activator **SIBERIOn**

WHY CHOOSE SIBERIO

1. Nutritional effect that promotes the development of new branches
2. Uniforms budding and flowering
3. Supports the budding of the plants which did not receive the required amount of hours of cold

APPLICATION RATES

CROPS	DOSES			EXAMPLE OF APPLICATION	APPLICATION RECOMMENDATIONS
	SIBERIO	SIBERIOn	Water volume		
Table grape	6 - 8 l / 100 l	16 - 20 l / 100 l	600 - 800 l /ha	6 l Siberio + 16 l Siberion + 78 l water	From 60 - 45 days before budding*, on the aerial part
Actinidia	6 - 8 l / 100 l	16 - 20 l / 100 l	600 - 800 l /ha	6 l Siberio + 16 l Siberion + 78 l water	From 50 - 45 days before budding*, on the aerial part
Cherry	6 - 8 l / 100 l	8 l / 100 l	1000 - 1500 l/ha	6 l Siberio + 8 l Siberion + 86 l water	45 days before budding*, on the aerial part
Apricot	7 - 8 l / 100 l	7.5 l / 100 l	600 - 800 l /ha	6 l Siberio + 8 l Siberion + 86 l water	55 - 45 days before budding*, on the aerial part
Plum	7 - 8 l / 100 l	7.5 l / 100 l	600 - 800 l /ha	6 l Siberio + 8 l Siberion + 86 l water	55 - 45 days before budding*, on the aerial part
Walnut	2 - 4 l / 100 l	4 - 5 l / 100 l	1000 - 1500 l / ha	2 l Siberio + 4 l Siberion + 94 l water	45 - 35 days before budding*, on the aerial part
Almond	6 - 8 l / 100 l	6 - 8 l / 100 l	600 - 800 l /ha	6 l Siberio + 8 l Siberion + 86 l water	20 - 25 days before budding*, on the aerial part
Raspberries	3.5 l / 100 l	9 l / 100 l	500-800 l /ha	3.5 l Siberio + 9 l Siberion + 87.5 l water	Treat only immediately after pruning/defolation on lignified buds
Blackberries	7 l / 100 l	18 l / 100 l	500-800 l /ha	7 l Siberio + 18 l Siberion + 75 l water	Treat only immediately after pruning/defolation on lignified buds

*To be managed according to weather and crops agronomical conditions.

Other uses - **SIBERIO** is also registered:
-in Brazil on **apple** at 3 l/100 l + SIBERION 3 l/100 l (water volume 1000 l/ha) at the beginning of leaf bud swelling;

COMPOSITION % w/w (equivalent to % w/v at 20°C)	
Total Nitrogen (**N**)	**15**% w/w (18.6% w/v)
Nitric Nitrogen (N)	6% w/w (7.44% w/v)
Ammoniacal Nitrogen (N)	3% w/w (3.72% w/v)
Ureic Nitrogen (N)	6% w/w (7.44% w/v)
Calcium oxide (**CaO**) soluble in water	**4.5**% w/w (5.58% w/v)
Iron (**Fe**) chelated by EDTA soluble in water	**0.05**% w/w (0.062% w/v)
Zinc (**Zn**) chelated by EDTA soluble in water	**0.05**% w/w (0.062% w/v)

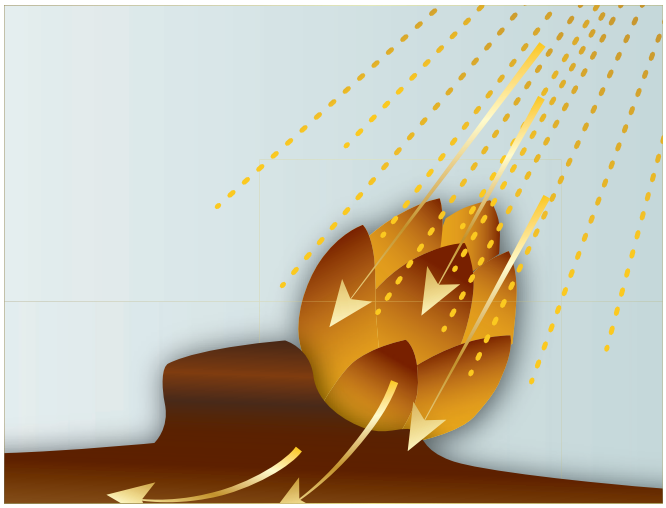
PHYSICAL AND CHEMICAL PROPERTIES:		
	SIBERIO	SIBERIOn
Density (20°C)	1.24 g/ml	1.35 g/ml
pH (1% aq. sol. w/w)	7.0	7.0
E.C. (1g/l aq. sol.)	550 µs/cm	900 µs/cm

RECOMMENDATIONS (Carefully follow the label directions):
- Do not use on young plants under the age of 3 years
- Apply in locations with less than 500 cold hours (T <7.2 ° C)
- May cause phytotoxicity on weak plants or with a poor lignification
- Any mineral oils treatments are to be made at least one week after applying SIBERIO
- Do not apply during the vegetative phase of crops
- Avoid any drift effect on nearby crops mostly on evergreens plants (examples: citrus, olive)
- Do not apply on crops other than those indicated on the label
- Do not mix with mineral oils and other products which are not SIBERIOn or calcium nitrate
- Shake before using in order to homogenize the product
- In the presence of different varieties in the same plot, follow stricly the directions of the times before the opening of the gems referring to each of them as in the application rates table. So as to avoid phytotoxicity effects and achieve the best effectiveness.
- On new varieties carry over a preliminary test on some plants before making extensive applications.

SIBERIO

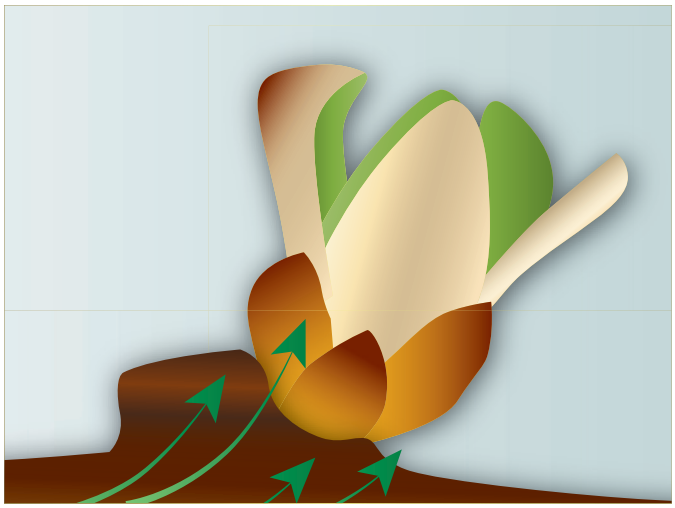
BIOLOGICAL ACTIVITY

SIBERIO evens out the spring awakening of buds, allows for a more homogeneous vegetative growth and the subsequent flowering increasing quality and quantity of the crop yield in areas where plants cannot satisfy the necessity of cold hours due to mild winters.



PHASE 1

SIBERIO applied on the aerial part of the plant can quickly penetrate the dormant buds and trasfer the nutrients.



PHASE 2

Once penetrated, the nutrients activate the enzymatic processes providing the needed energy to the meristematic tissues for the start of vegetative phase.

FIELD TRIAL

TREATED

UNTREATED