

## Technical data sheet

### Liquid complex fertilizer NPK 3-0-0+Ca (Calcium Nitrate solution)

<b>Fertilizer purpose:</b>	For first growth plants period
<b>Fertilizer form:</b>	Liquid, ions composition
<b>Composition of main elements:</b>	N-NO <sub>3</sub> -3.00 %
<b>Composition of secondary elements:</b>	CaO - 3.70 %
<b>pH:</b>	6.5
<b>Color:</b>	Transparent liquid
<b>Density:</b>	1.10 kg/L
<b>Storage temperature:</b>	-2°C - +25°C
<b>Warranty:</b>	2 years
<b>Package:</b>	Container- IBC (1000 l/264,2 gal), (20 liters/5,28 gal)
<b>Certification:</b>	OMRI, COR
<b>Using:</b>	for cultivate plants on peat substrate, rockwool, hydroponic, aquaponics or on soil-based media



Developed for fertigation in open field, greenhouses systems and foliar application



Way to use fertilizer together by other kind fertilizer, pesticides or insecticides



Best growth result. Recommend apply fertilizer with nutrients set.



Dilute products in water tank



Elements 100% available of plants



Easy to handle and apply in greenhouse systems



Soft for leaf tissue



Product based on innovative technologies. Origin - animal manure and plants ash.



Don't mix the NPK fertilizer and nutrients as concentrates together with each other.

## Fertigation

Crop	Application date	Min L/ha/season	Max L/ha/season
<b>Fruit trees</b>	<ul style="list-style-type: none"> <li>• As of fruit setting</li> <li>• Until 4 weeks before harvesting</li> </ul>	150	400
<b>Banana</b>	<ul style="list-style-type: none"> <li>• During entire fertigation program</li> </ul>	200	500
<b>Citrus</b>	<ul style="list-style-type: none"> <li>• During entire fertigation program</li> </ul>	150	400
<b>Potato</b>	<ul style="list-style-type: none"> <li>• As of tuber setting</li> <li>• Until tuber ripening</li> </ul>	100	200
<b>Vineyards</b>	<ul style="list-style-type: none"> <li>• During entire fertigation program</li> </ul>	100	250
<b>Fruit bearing vegetables</b>	<ul style="list-style-type: none"> <li>• As of fruit setting</li> <li>• Until 2 weeks before harvesting</li> </ul>	100	300

## Foliar Application

Crop	Application date	Min L / ha / appl	Max L / ha / appl	Conc. % (v/v)
<b>Fruit trees</b>	3 - 5 applications: <ul style="list-style-type: none"> <li>• As of fruit setting</li> <li>• 14 - 21 days interval</li> </ul>	7	12	1.5 - 2.5
<b>Vegetables</b>	3 - 4 applications: <ul style="list-style-type: none"> <li>• As of leaf bud opening</li> <li>• Until 4 weeks before harvesting</li> </ul>	6	15	0.5 - 1.0
<b>Banana</b>	1 - 3 applications: <ul style="list-style-type: none"> <li>• As of plant establishment</li> <li>• During fruit filling</li> </ul>	6	15	1.0 - 2.0
<b>Citrus</b>	2 - 3 applications: <ul style="list-style-type: none"> <li>• As of fruit setting</li> <li>• 14 - 21 days interval</li> <li>• During fruit filling</li> </ul>	8	15	1.0 - 1.5
<b>Olive</b>	3 applications: <ul style="list-style-type: none"> <li>• Spring application</li> <li>• Before flowering</li> <li>• During fruit filling</li> </ul>	5	8	0.5 - 1.0
<b>Strawberry</b>	1 - 3 applications: <ul style="list-style-type: none"> <li>• During fruit filling</li> <li>• During fruit filling</li> </ul>	4	8	0.4 - 0.8
<b>Melon</b>	3 applications: <ul style="list-style-type: none"> <li>• During fruit setting</li> <li>• During fruit filling</li> </ul>	3	8	1.0 - 1.5
<b>Onion</b>	2 - 3 applications: <ul style="list-style-type: none"> <li>• As of 4 weeks after seeding</li> <li>• 10 - 14 days interval</li> </ul>	4	8	0.5 - 1.0
<b>Fruit bearing vegetables</b>	2 - 4 applications: <ul style="list-style-type: none"> <li>• As of fruit setting</li> <li>• 10 - 14 days interval</li> </ul>	3	6	0.5 - 1.0
<b>Tomato</b>	2 - 4 applications: <ul style="list-style-type: none"> <li>• As of fruit setting</li> <li>• 10 - 14 days interval</li> </ul>	4	8	1.0 - 1.5

**In case of foliar feeding as part of a mix with crop protection products, a compatibility test has to be done prior to preparing the spray-mix. The mentioned indicated dosages and application stages are given as a guideline. Exact dosages, concentration and application stage are subject to local conditions, use of other fertilizers and can only be given after an objective diagnosis.**