

potato
crop management



Liquid fertilization program for the potato crop

Application stage	Product	Application rate		Water amount required	Notes
OP = Oligo Prime®		L/ha	L/acre	L/ha	
Always fill the sprayer three-quarters full before adding the products. Maintain a constant agitation.					
“Hook” stage	+ Li 700 (or equivalent) <i>Add water</i>	Refer to Li 700 label			Li 700 is a surfactant that reduces drifting and helps to adjust the water pH level.
	+ Agro-Phos OP <i>Add water</i>	5	2	250	Agro-Phos, activated by Oligo Prime®, is a liquid nutrient that contains 29% of P ₂ O ₅ , 5% of potassium and 4% of magnesium. Considering the reduced availability of P ₂ O ₅ , K ₂ O and magnesium in acidic soils, it is essential to add these nutrients in order to facilitate plant development. Phosphorus is used for the transfer of energy in the plant and ensures the development of strong cellular membranes. Potassium contributes to photosynthesis and use of water by the plant. Magnesium is indispensable to chlorophyll formation.
	+ Agro-B mobility OP <i>Add water</i>	1	0.4	250	Agro-B mobility is a liquid nutrient that contains 10% of boron and a biostimulant. Boron is essential for plant growth, flowering, pollination, and cell wall stability. Considering soil pH and reduced boron availability in acidic pH, adding boron is important. The Oligo Prime® technology will reduce the impact of abiotic stresses on growth while enhancing boron mobility in the plant.
Add remaining water volume while maintaining agitation.					
Optional Use if soil analysis reveals deficiencies and nutrient input is required	+ Agro-Zn OP <i>Add water</i>	5	2	250	Zinc is an essential nutrient for the transport of sugars and build-up of dry matter. Involved in the metabolism of nitrogen, zinc is also needed to activate some defense mechanism enzymes, thus increasing tolerance to stresses.
	+ Agro-Mn OP <i>Add water</i>	4	1.6	250	Essential for the synthesis of chlorophyll, manganese also activates many enzymes that are responsible for deactivating abiotic stresses.
	+ Agro-Mag OP <i>Add water</i>	4	1.6	250	Magnesium is at the heart of the chlorophyll molecule and thus plays an essential role in photosynthesis, production and transport of sugars. Magnesium increases nitrogen and phosphorus efficiency and improves resistance against oxidative stresses.
Always fill the sprayer three-quarters full before adding the products. Maintain a constant agitation.					
Tuber initiation	+ Li 700 (or equivalent) <i>Add water</i>	Refer to Li 700 label			Li 700 is a surfactant that reduces drifting and helps to adjust the water pH level.
	+ Agro-Phos OP <i>Add water</i>	5	2	250	Agro-Phos, activated by Oligo Prime®, is a liquid nutrient that contains 29% of P ₂ O ₅ , 5% of potassium and 4% of magnesium. Considering the reduced availability of P ₂ O ₅ , K ₂ O and magnesium in acidic soils, it is essential to add these nutrients in order to facilitate plant development. Phosphorus is used for the transfer of energy in the plant and ensures the development of strong cellular membranes. Potassium contributes to photosynthesis and use of water by the plant. Magnesium is indispensable to chlorophyll formation.
	+ Agro-B mobility OP <i>Add water</i>	2	0.8	250	Agro-B mobility is a liquid nutrient that contains 10% of boron and a biostimulant. Boron is essential for plant growth, flowering, pollination, and cell wall stability. Considering soil pH and reduced boron availability in acidic pH, adding boron is important. The Oligo Prime® technology will reduce the impact of abiotic stresses on growth while enhancing boron mobility in the plant.
Optional	+ Póma OP <i>Add water</i>	5	2	250	Póma, activated by Oligo Prime®, is a liquid nutrient that contains a source of chlorine-free calcium and a biostimulant. Calcium availability is reduced in conditions of acidic pH. Calcium is essential to the formation of healthy cell walls. The Oligo Prime® technology helps to reduce the impact of abiotic stresses while enhancing calcium mobility in the plant.
Add remaining water volume while maintaining agitation.					
Always fill the sprayer three-quarters full before adding the products. Maintain a constant agitation.					
Half maturation	+ Li 700 (or equivalent) <i>Add water</i>	Refer to Li 700 label			Li 700 is a surfactant that reduces drifting and helps to adjust the water pH level.
	+ Special K OP <i>Add water</i>	5	2	250	Special K, activated by Oligo Prime®, is a potassic liquid nutrient that contains 24% of K ₂ O, 2% of boron and a biostimulant. Considering soil pH and reduced availability of K ₂ O in acidic pH, adding potassium ensures greater resistance against stresses and better overall functioning. Boron plays a role in the quality of cell walls and in the plant's natural system of defense. Boron will contribute in reducing the presence of hollow heart in tubers.
Optional	+ Póma OP <i>Add water</i>	5	2	250	Póma, activated by Oligo Prime®, is a liquid nutrient that contains a source of chlorine-free calcium and a biostimulant. Calcium availability is reduced in conditions of acidic pH. Calcium is essential to the formation of healthy cell walls. The Oligo Prime® technology helps to reduce the impact of abiotic stresses while enhancing calcium mobility in the plant.
Optional	+ Salvador PLUS <i>Add water</i>	4	1.6	250	Salvador PLUS is a liquid nutrient that contains ammoniacal nitrogen and a biostimulant that allows for quick absorption and translocation of nutrients in plants. It also contains fulvic acids which regulate the level of hormones, stimulate cell division, root and leaf growth, and improve the anti-stress capacity of plants while increasing their chlorophyll content to encourage optimal plant growth.
Add remaining water volume while maintaining agitation.					
ALWAYS RESPECT THE INTRODUCTION OF PRODUCTS IN THIS ORDER					