

POTATO

Planting

Germination and emergence

Vegetative development

Tuber formation

Tuber Development



Maturation

NPK fertilization by fertirrigation

SolDenso 20-20-20 (30-60L/ha) 2-4 applications 

Soil conditioners: improve the physical and chemical characteristics of the soil

KELOM Sal (40-60 L/ha) 2-4 applications 

MOL (80-100 L/ha) 
or
MOL Org (100-120 L/ha) 


Amino acids: biostimulants effect and plant recovery in stress periods

STYM 25 (250 cc/100L) 


Magnesium input


KELOM Mag (4-6 L/ha) 

Biostimulants: improves plant growth, promotes production and helps the plant to overcome stress situations

ALGEX Aryn (100-250 cc/100L) 

Deficiency correctors

LIGNO Mix (200-300 cc/100L) 2-3 applications 

KELOM B (100-250 cc/100L) 1-2 applications 


NPK fertilization by foliar application

SolDenso 04-40-55 (20-40 L/ha) 2 applications 

Potassium input


COLOR K (130-350 cc/100L) 

Calcium input

STOP Ca Micro (4-8 L/ha) 

KELOM Calcium Forte (10-15 L/ha) 

Biostimulant: Root growth enhancers

ENROOT (10-20 L/ha) 1-2 applications 

Stimulation of plant self-defense mechanism; phosphorus and potassium input

VITAL Fol Mn (2,5-3 L/ha) 3-4 applications every 7-10 days 

KELOM Fos Org (150-300 cc/100L) Every 15 days 

Potato Program



Soil application



Foliar application

Potato. Products



	PRODUCT	STATE	COMPOSITION																		
		Liquid	<table border="1"> <tr><td>Organic Material</td><td>42,5 % w/w</td></tr> <tr><td>Total Humic Extract</td><td>18,1 % w/w</td></tr> <tr><td>Humic Acids</td><td>11,0 % w/w</td></tr> <tr><td>Fulvic Acids</td><td>7,1 % w/w</td></tr> <tr><td>Organic N</td><td>4,5 % w/w</td></tr> <tr><td>K₂O</td><td>3,5 % w/w</td></tr> <tr><td>Mg</td><td>1,02 % w/w</td></tr> <tr><td>Density</td><td>1,27</td></tr> <tr><td>pH</td><td>4,8</td></tr> </table>	Organic Material	42,5 % w/w	Total Humic Extract	18,1 % w/w	Humic Acids	11,0 % w/w	Fulvic Acids	7,1 % w/w	Organic N	4,5 % w/w	K ₂ O	3,5 % w/w	Mg	1,02 % w/w	Density	1,27	pH	4,8
Organic Material	42,5 % w/w																				
Total Humic Extract	18,1 % w/w																				
Humic Acids	11,0 % w/w																				
Fulvic Acids	7,1 % w/w																				
Organic N	4,5 % w/w																				
K ₂ O	3,5 % w/w																				
Mg	1,02 % w/w																				
Density	1,27																				
pH	4,8																				
		Liquid	<table border="1"> <tr><td>Organic Material</td><td>47,43 % w/w</td></tr> <tr><td>Fulvic acids</td><td>20,40 % w/w</td></tr> <tr><td>Total Nitrogen</td><td>5,13 % w/w</td></tr> <tr><td>Potassium (K₂O)</td><td>4,97 % w/w</td></tr> <tr><td>Density</td><td>1,30</td></tr> <tr><td>pH</td><td>5,50</td></tr> </table>	Organic Material	47,43 % w/w	Fulvic acids	20,40 % w/w	Total Nitrogen	5,13 % w/w	Potassium (K ₂ O)	4,97 % w/w	Density	1,30	pH	5,50						
Organic Material	47,43 % w/w																				
Fulvic acids	20,40 % w/w																				
Total Nitrogen	5,13 % w/w																				
Potassium (K ₂ O)	4,97 % w/w																				
Density	1,30																				
pH	5,50																				
		Gel	<table border="1"> <tr><td>Total N</td><td>20,0 % w/v</td></tr> <tr><td>P₂O₅ soluble</td><td>20,0 % w/v</td></tr> <tr><td>K₂O soluble</td><td>20,0 % w/v</td></tr> </table>	Total N	20,0 % w/v	P ₂ O ₅ soluble	20,0 % w/v	K ₂ O soluble	20,0 % w/v												
Total N	20,0 % w/v																				
P ₂ O ₅ soluble	20,0 % w/v																				
K ₂ O soluble	20,0 % w/v																				
		Gel	<table border="1"> <tr><td>Total N</td><td>4,0 % w/v</td></tr> <tr><td>P₂O₅ soluble</td><td>40,0 % w/v</td></tr> <tr><td>K₂O soluble</td><td>55,0 % w/v</td></tr> </table>	Total N	4,0 % w/v	P ₂ O ₅ soluble	40,0 % w/v	K ₂ O soluble	55,0 % w/v												
Total N	4,0 % w/v																				
P ₂ O ₅ soluble	40,0 % w/v																				
K ₂ O soluble	55,0 % w/v																				
		Liquid	<table border="1"> <tr><td>Free Amino Acids</td><td>25,0 % w/w</td></tr> <tr><td>Total N</td><td>6,4 % w/w</td></tr> <tr><td>Organic Carbon</td><td>27,5 % w/w</td></tr> <tr><td>Total Organic Material</td><td>47,0 % w/w</td></tr> <tr><td>ISI (Disease-Resistance Activator)</td><td>3,0 % w/w</td></tr> <tr><td>C/N Ratio</td><td>4,3 % w/w</td></tr> <tr><td>Vitamins</td><td>0,96 % w/w</td></tr> <tr><td>Density</td><td>1,25</td></tr> <tr><td>pH</td><td>5,6</td></tr> </table>	Free Amino Acids	25,0 % w/w	Total N	6,4 % w/w	Organic Carbon	27,5 % w/w	Total Organic Material	47,0 % w/w	ISI (Disease-Resistance Activator)	3,0 % w/w	C/N Ratio	4,3 % w/w	Vitamins	0,96 % w/w	Density	1,25	pH	5,6
Free Amino Acids	25,0 % w/w																				
Total N	6,4 % w/w																				
Organic Carbon	27,5 % w/w																				
Total Organic Material	47,0 % w/w																				
ISI (Disease-Resistance Activator)	3,0 % w/w																				
C/N Ratio	4,3 % w/w																				
Vitamins	0,96 % w/w																				
Density	1,25																				
pH	5,6																				
		Liquid	<table border="1"> <tr><td>NO₃</td><td>7 % w/w</td></tr> <tr><td>MgO</td><td>10 % w/w</td></tr> <tr><td>Desity (20°C)</td><td>1,35</td></tr> <tr><td>pH (Dissolution 10%)</td><td>4-7</td></tr> </table>	NO ₃	7 % w/w	MgO	10 % w/w	Desity (20°C)	1,35	pH (Dissolution 10%)	4-7										
NO ₃	7 % w/w																				
MgO	10 % w/w																				
Desity (20°C)	1,35																				
pH (Dissolution 10%)	4-7																				
		Liquid	<table border="1"> <tr><td>Ca</td><td>19,0 % w/w</td></tr> <tr><td>Mn</td><td>1,5 % w/w</td></tr> <tr><td>Zn</td><td>0,5 % w/w</td></tr> <tr><td>pH</td><td>7-8</td></tr> <tr><td>Density</td><td>1,37</td></tr> </table>	Ca	19,0 % w/w	Mn	1,5 % w/w	Zn	0,5 % w/w	pH	7-8	Density	1,37								
Ca	19,0 % w/w																				
Mn	1,5 % w/w																				
Zn	0,5 % w/w																				
pH	7-8																				
Density	1,37																				
		Liquid	<table border="1"> <tr><td>Seaweed extract (Ascophyllum Nodosum)</td><td>40 % w/w</td></tr> <tr><td>Free Amino Acids</td><td>10 % w/w</td></tr> <tr><td>Azote</td><td>5 % w/w</td></tr> <tr><td>Density</td><td>1,1</td></tr> <tr><td>pH</td><td>6-7</td></tr> </table>	Seaweed extract (Ascophyllum Nodosum)	40 % w/w	Free Amino Acids	10 % w/w	Azote	5 % w/w	Density	1,1	pH	6-7								
Seaweed extract (Ascophyllum Nodosum)	40 % w/w																				
Free Amino Acids	10 % w/w																				
Azote	5 % w/w																				
Density	1,1																				
pH	6-7																				



	PRODUCT	STATE	COMPOSITION
	KELOM BORO	Liquid	Total N 4,0 % w/w B 15,0 % w/w Density 7,8 pH 7,5
	KELOM Sal	Liquid	Calcium oxide complexed (CaO) 10,0 % w/w Calcium soluble (CaO) 10,0 % w/w Total N 4,0 % w/w Density 1,27 pH 4,8
	LIGNO MIX	Liquid	Mn 2,4 % w/v Fe 3,8 % w/v Mg 1,5 % w/v Zn 2,4 % w/v Cu 0,9 % w/v Ca 1,5 % w/v
	ColorK	Liquid	Potassium (K ₂ O) 32,0 %w/v EDTA 2,0 %w/v Density 12-13 pH 1,25
	enroot^{Bio}	Liquid	Free Amino Acids 3,47 % w/v Organic N 2,12 % w/v Polysaccharide 7,87 % w/v B 0,2 % w/v Fe 6,0 % w/v Mn 1,3 % w/v Mo 0,06 % w/v Zn 0,15 % w/v Factors and rooting biostimulants 1,8 % w/v Density 1,31 pH 6,5
	KELOM FOSORG	Liquid	P ₂ O ₅ 30 % w/w K ₂ O 20 % w/w pH 4-5 Density 1,4
	KELOM Forte^{Ca}	Liquid	Free Amino Acids 5,0 % w/v Ca soluble 8,0 % w/v B soluble 0,2 % w/v Density 1,3 pH 4-5
	Vital fol^{Mn}	Liquid	Azote total 2,00 % w/w Phosphore (P ₂ O ₅) 30,00 % w/w Potassium (K ₂ O) 3,00 % w/w B 0,01 % w/w Cu chelated by EDTA 0,02 % w/w Fe chelated by EDTA 0,02 % w/w Mn 4,00 % w/w Mo 0,001 % w/w Zn 0,01 % w/w Density 1,32