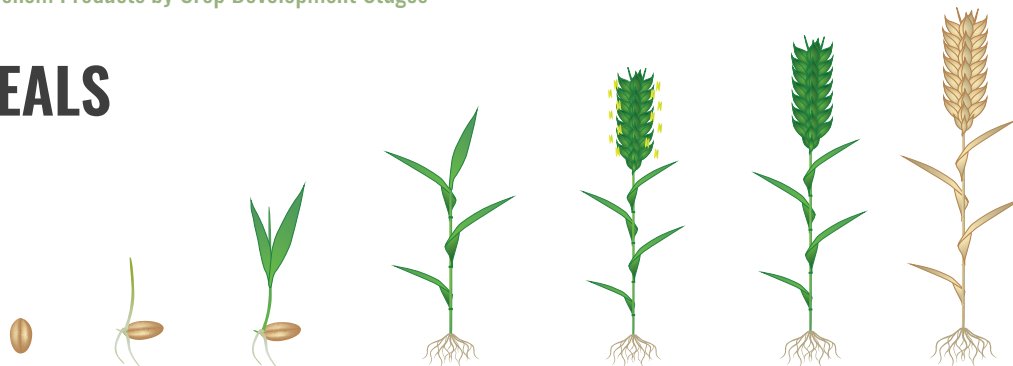


SPIKED CEREALS



	Primary and pre-sowing soil cultivation	Seed treatment	Autumn tillering	Spring tillering	Flag leaf	Heading	Post-harvest residues
INTENSIVE	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • Ziphos min. 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • PHYTOLIFE 2-3 l/ha	• Humate START0,8-1l/t • Seed TURBO 1l/t • Escort 3 ml/t • PHYTOLIFE 1l/t • FUNGILIFE 1l/t	• Humate 500 0,3 l/ha • Цифос Органік 1 l/ha • PHOSKAL 1 l/ha	• Antistress 03 0,4 l/ha • Graine TURBO 1 l/ha • Цифос органік 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha	• Antistress 03 0,4 l/ha • Graine TURBO 1 l/ha • Цифос органік -1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha	• Humat Amino 0,4 l/ha • FUNGILIFE 1-2 l/ha	DESTERN 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass
TRADITIONAL	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • Ziphos min. 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • NMC-U 2-3 l/ha	• Humate LF20 0,8-1l/t • Seed TURBO 1l/t • Seed TURBO 1l/t • Escort3 ml/t • NMC-U - 1l/t • NMC-PP - 1l/t	• Humate LF20 0,4 l/ha • Цинк 150 1 l/ha • PHOSKAL 1 l/ha	• Humat Silicon 0,4 l/ha • Graine TURBO 1 l/ha • Цинк 150 1 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha	• Fulvimax 0,4 l/ha • Graine TURBO 1l/ha • Цинк 150 1 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha	• Humat Amino 0.4 l/ha • NMC-PP 1-2 l/ha	NMC-D 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass
	• Promotes seed germination • Stimulates root growth and development • Increases absorptive activity of root hairs • Accelerates emergence of uniform seedlings	• Stimulates root growth and development • Enhances sugar accumulation • Improves tolerance to temperature fluctuations • Improves tillering	• Stimulates root growth and development • Enhances sugar accumulation • Improves tolerance to temperature fluctuations • Improves tillering	• Facilitates vegetative recovery • Promotes productive tillering • Enhances root absorptive activity • Increases photosynthetic activity	• Enhances uptake of macro and micronutrients • Stimulates drought resistance • Converts inaccessible elements into readily absorbable forms • Exhibits synergistic action with fungicides	• Demonstrates resistance to high temperatures • Stimulates nutrient flow • Improves seed filling • Increases quantitative and qualitative crop yields	• Aggressive strains of bacteria and fungi break down lignin and cellulose • Accelerates mineralization of crop residues • Suppresses pathogenic microflora • Increases biological activity of the soil

RAPESEED



	Primary and pre-planting soil cultivation	Seed treatment	4-6 leaves	Stem elongation	Budding	Ripening	Post-harvest residues
INTENSIVE	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos min. 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • PHYTOLIFE 2-3 l/ha • SCLEROSTOP 2-5 l/ha	• Humate START 0,8 l/t • Seed TURBO 1l/t • Escort3 ml/t • PHYTOLIFE 1l/t • FUNGILIFE 1l/t	• Humat Silicon 0,4 l/ha • Oilcrops TURBO1 l/ha • PHOSKAL 1 l/ha • Bophos 1 l/ha • FUNGILIFE 1l/t • GUARDOPHYT 2-4 l/ha	• Antistress 03 0,4 l/ha • Oilcrops TURBO1 l/ha • Bor 100 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha • GUARDOPHYT 2-4 l/ha	• Antistress 03 0,4 l/ha • Oilcrops TURBO1 l/ha • Bophos 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha • GUARDOPHYT 2-4 l/ha • SCLEROSTOP – 1-3 l/ha	• Humat Amino 0,4 l/ha • FUNGILIFE 1-2 l/ha	DESTERN 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass
TRADITIONAL	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos min. 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • NMC-U 2-3 l/ha • SCLEROSTOP 2-5 l/ha	• Humate LF20 0,8 l/t • Seed TURBO 1l/t • Escort3 ml/t • NMC-U 1l/t • NMC-PP 1l/t	• Humat Amino 0,4 l/ha • Oilcrops TURBO1 l/ha • PHOSKAL 1 l/ha • Bor 150 1 l/ha • NMC-PP 1-2 l/ha • GUARDOPHYT 2-4 l/ha	• Humat Silicon 0,4 l/ha • Oilcrops TURBO 1,0 l/ha • Bor 150 1 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha • GUARDOPHYT 2-4 l/ha	• Fulvimax 0,4 l/ha • Oilcrops TURBO1 l/ha • Bor 150 1 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha • GUARDOPHYT 2-4 l/ha • SCLEROSTOP – 1-3 l/ha	• Humate LF20 0,4 l/ha • NMC-PP 1-2 l/ha	NMC-D 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass
	• Initiates seed germination • Stimulates root growth and development • Enhances uptake activity of root hairs • Accelerates emergence of uniform seedlings	• Promotes root growth and development • Increases diameter of root collar • Enhances sugar and nutrient accumulation • Improves overwintering	• Facilitates spring vegetation recovery • Stimulates growth and development of generative organs • Promotes productive branching • Enhances phosphorus absorption at low temperatures	• Increases photosynthetic activity • Improves tolerance to temperature fluctuations • Converts inaccessible forms of nutrients into absorbable form • Reduces abortion of blossoms	• Improves tolerance to high temperatures • Stimulates nutrient uptake • Facilitates pod filling • Increases quantitative and qualitative yield indicators	• Aggressive strains of bacteria and fungi break down lignin and cellulose • Accelerates mineralization of crop residues • Suppresses pathogenic microflora • Increases biological activity of the soil	

Table of Application of Life Biochem Products by Crop Development Stages

CORN



Primary and pre-planting soil cultivation	Seed treatment	3–5 leaves	7–8 leaves	Maturation	Post-harvest residues
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INTENSIVE	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos mineral 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • PHYTOLIFE 2-3 l/ha • SCLEROSTOP 2-5 l/ha	• Humate START0,8-1l/t • Seed TURBO 1,0l/t • Escort 3 ml/t • PHYTOLIFE 1l/t • FUNGILIFE 1l/t	• Antistress «03» 0,4 l/ha • Corn TURBO 1 l/ha • PHOSKAL 1 l/ha • Цифос органік 1 l/ha • FUNGILIFE 1l/t	• Fulvimax 0,4 l/ha • Кукурудза Турбо1,0 l/ha • Цифос Органік 1,0 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha	• Humat Amino 0,4 l/ha • FUNGILIFE 1-2 l/ha	DESTERN 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass
TRADITIONAL	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos mineral 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • NMC-U 2-3 l/ha • SCLEROSTOP 2-5 l/ha	• Humate LF20 0,8-1l/t • Seed TURBO 1,0l/t • Escort3 ml/t • NMC-U 1l/t • NMC-PP 1l/t	• Humat Amino 0,4 l/ha • Corn TURBO 1 l/ha • PHOSKAL 1 l/ha • Цинк 150 1 l/ha • NMC-PP 1-2 l/ha	• Humat Silicon 0,4 l/ha • Corn TURBO 1,0 l/ha • Цинк 150 1,0 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha	• Humate LF20 0.4 l/ha • NMC-PP 1-2 l/ha	NMC-D 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass

- Initiates the seed germination process
- Stimulates the growth and development of roots
- Increases the absorptive activity of root hairs
- Accelerates the emergence of uniform seedlings

- Restores plants after spring frost
- Removes herbicidal suppression
- Improves the uptake of macro and micronutrients
- Enhances phosphorus availability at low temperatures

- Stimulates the uptake of macro and micronutrients from the soil
- Increases resistance to high temperatures
- Enhances photosynthetic activity
- Exhibits synergistic effects with fungicides

- Improves seed filling
- Stimulates the flow of nutrients
- Demonstrates resistance to high temperatures
- Increases quantitative and qualitative yield parameters

- Aggressive strains of bacteria and fungi break down lignin and cellulose
- Accelerates mineralization of crop residues
- Suppresses pathogenic microflora
- Increases biological activity of the soil

SUNFLOWER



	Primary and pre-planting soil cultivation	Seed treatment	2-4 pairs of true leaves	8-10 pairs of leaves	Maturation	Post-harvest residues
INTENSIVE	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • Ziphos min. 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • PHYTOLIFE 2-3 l/ha • SCLEROSTOP 2-5 l/ha	• Humate START0,8-1l/t • Seed TURBO 1,0l/t • Escort 3 ml/t • PHYTOLIFE 1l/t • FUNGILIFE 1l/t	• Humate 500 0,3 l/ha • Bophos 1,0 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1l/t	• Antistress 03 0,4 l/ha • Oilcrops TURBO 1,0 l/ha • Bop100 1,0 l/ha • PHOSKAL 1-2 l/ha • FUNGILIFE 1-2 l/ha • SCLEROSTOP 1-3 l/ha	• Humat Amino 0,4 l/ha • FUNGILIFE 1-2 l/ha	DESTERN 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass
TRADITIONAL	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • Ziphos mineral 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • NMC-U 2-3 l/ha • SCLEROSTOP 2-5 l/ha	• Humate LF20 0,8-1l/t • Seed TURBO 1,0l/t • Escort3 ml/t • NMC-U 1l/t • NMC-PP 1l/t	• Humate LF20 0,4 l/ha • PHOSKAL 1 l/ha • Bor 150 1 l/ha • NMC-PP 1-2 l/ha	• Humat Silicon 0,4 l/ha • Oilcrops TURBO 1,0 l/ha • Bor 150 1,0 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha • SCLEROSTOP 1-3 l/ha	• Humate LF20 0,4 l/ha • NMC-PP 1-2 l/ha	NMC-D 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass

- Promotes seed germination
- Stimulates root growth and development
- Enhances absorptive activity of root hairs
- Accelerates emergence of uniform seedlings

- Alleviates herbicide suppression
- Improves phosphorus uptake from the soil under low temperatures
- Stimulates growth and development of the root system
- Increases tolerance to temperature fluctuations (day/night)

- Corrects nutrient deficiencies
- Converts inaccessible forms of nutrients into readily available ones
- Enhances photosynthetic activity
- Improves drought resistance

- Exhibits resistance to high temperatures
- Facilitates nutrient drainage
- Enhances seed filling
- Increases quantitative and qualitative crop yields

- Aggressive strains of bacteria and fungi break down lignin and cellulose
- Accelerates mineralization of crop residues
- Suppresses pathogenic microflora
- Increases biological activity of the soil

SOYBEAN



	Primary and pre-planting soil cultivation	Seed treatment	2-3 trifoliate leaves	Bud formation	Pod filling	Post-harvest residues
INTENSIVE	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos mineral 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • PHYTOLIFE 2-3 l/ha • SCLEROSTOP 2-5 l/ha	• Humate START0,8-1l/t • Seed TURBO 1l/t • Escort3 ml/t • PHYTOLIFE 1l/t • FUNGILIFE 1l/t	• Humate 500 0,3 l/ha • Bean TURBO 1 l/ha • Bophos 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1l/t	• Antistress «03» 0,4 l/ha • Bean TURBO 1 l/ha • Bor 100 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha • SCLEROSTOP – 1-3 l/ha	• Humat Amino 0,4 l/ha • FUNGILIFE 1-2 l/ha	DESTERN 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass
TRADITIONAL	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos mineral 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • NMC-U 2-3 l/ha • SCLEROSTOP 2-5 l/ha	• Humate LF20 0,8-1l/t • Seed TURBO 1l/t • Escort3 ml/t • NMC-U 1l/t • NMC-PP - 1l/t	• Humat Silicon 0,4 l/ha • PHOSKAL 1 l/ha • Bor 150 1 l/ha • NMC-PP 1-2 l/ha	• Fulvimax 0,4 l/ha • Bean TURBO 1,0 l/ha • Bor 150 1,0 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha • SCLEROSTOP 1-3 l/ha	• Humate LF20 0,4 l/ha • NMC-PP 1-2 l/ha	NMC-D 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass
	• Initiates the process of seed swelling and germination • Stimulates root growth and development • Improves tuber development • Accelerates the emergence of uniform seedlings	• Removes herbicidal suppression • Enhances the nutrient absorption activity of root hairs • Increases tolerance to low temperatures • Corrects nutrient deficiencies	• Exhibits synergistic effects with fungicides • Improves drought resistance • Converts inaccessible forms of nutrients into easily assimilable forms • Provides macro- and micronutrients	• Demonstrates resistance to high temperatures • Stimulates nutrient uptake • Enhances bean filling • Increases both quantitative and qualitative crop yield indicators	• Aggressive strains of bacteria and fungi break down lignin and cellulose • Accelerates mineralization of crop residues • Suppresses pathogenic microflora • Increases biological activity of the soil	

SUGAR BEET



	Primary and pre-planting soil cultivation	Seed treatment	4-6 leaves	Leaf closure in a row	Closing of row spacing	Intensive growth of the root crop
INTENSIVE	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos mineral 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • PHYTOLIFE 2-3 l/ha	• Humate START0.8l/t • Seed TURBO 1l/t • Escort3 ml/t • PHYTOLIFE 1l/t • FUNGILIFE 1l/t	• Humate 500 0,3 l/ha • Bophos 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1l/t	• Antistress «03» 0,4 l/ha • Bor 150 1,0 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha	• Fulvimax 0,4 l/ha • Bophos 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha	• Antistress «03» 0,4 l/ha • Bor 100 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha
TRADITIONAL	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos mineral 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • NMC-U 2-3 l/ha	• Humate LF20 - 0.8l/t • Seed TURBO 1l/t • Escort3 ml/t • NMC-U 1l/t • NMC-PP 1l/t	• Amino X 0,4 l/ha • PHOSKAL 1 l/ha • Bor 150 1 l/ha • NMC-PP 1-2 l/ha	• Humat Silicon 0,4 l/ha • Bor 150 1,0 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha	• Humat Amino 0.4 l/ha • Bor 150 1 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha	• Humate LF20 0,4 l/ha • Bor 150 1,0 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha

- Initiates seed germination process
- Stimulates root growth and development
- Facilitates germination at low temperatures
- Accelerates emergence of uniform seedlings

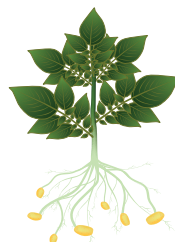
- Alleviates herbicidal stress
- Improves phosphorus uptake at low temperatures
- Stimulates root system growth and development
- Increases tolerance to day/night temperature fluctuations

- Corrects nutrient deficiencies
- Exhibits synergy with fungicides
- Enhances drought resistance
- Increases photosynthetic activity

- Improves drought tolerance
- Stimulates root crop development
- Corrects nutrient deficiencies
- Enhances immune resistance

- Demonstrates tolerance to high temperatures
- Stimulates filling of root crops
- Improves drought tolerance
- Increases quantitative and qualitative crop yields

POTATOES



	Primary and pre-planting soil cultivation	Tuber treatment	Plants 10-15 cm	closing of row spacing	Budding - The beginning of flowering	Post-harvest residues
INTENSIVE	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos min. 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • PHYTOLIFE 2-3 l/ha	• Humate START0,8-1l/t • Seed TURBO 1l/t • Escort3 ml/t • PHYTOLIFE 1l/t • FUNGILIFE 1l/t	• Antistress «03» 0,4 l/ha • Bophos 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1l/t	• Fulvimax 0,4 l/ha • Bor 100 1-2 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha	• Humate 500 0,3 l/ha • Bophos 1 l/ha • FUNGILIFE 1-2 l/ha	DESTERN 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass
TRADITIONAL	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos min. 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • NMC-U 2-3 l/ha	• Humate LF20 0.8l/t • Seed TURBO 1l/t • Escort3 ml/t • NMC-U 1l/t • NMC-PP 1l/t	• Humat Amino 0,4 l/ha • PHOSKAL 1 l/ha • Bor 150 1 l/ha • NMC-PP 1-2 l/ha	• Humat Silicon 0,4 l/ha • Bor 150 1 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 л/	• Humate LF20 0,4 l/ha • Bor 150 1 l/ha • NMC-PP 1-2 l/ha	NMC-D2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass

- Initiates tuber sprouting process
- Stimulates root growth and development
- Increases absorption activity of root hairs
- Accelerates emergence of uniform seedlings

- Alleviates herbicidal stress
- Enhances uptake of macro- and micronutrients
- Stimulates stolon formation
- Increases tolerance to day/night temperature fluctuations

- Improves absorption of macro- and micronutrients
- Enhances stolon growth and development
- Stimulates photosynthetic activity
- Exhibits synergy with fungicides

- Reduces fruit abortion
- Increases tolerance to high temperatures
- Stimulates immune resistance
- Increases tuber size and starch content

- Aggressive strains of bacteria and fungi break down lignin and cellulose
- Accelerates mineralization of crop residues
- Suppresses pathogenic microflora
- Increases biological activity of the soil

VEGETABLES



	Primary and pre-planting soil cultivation	Seed treatment	3-5 leaves	Budding	Fruit growth	Maturation	Post-harvest residues
INTENSIVE	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos min. 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • PHYTOLIFE 2-3 l/ha	• Humate START • Seed TURBO 1l/t • Escort3 ml/t • PHYTOLIFE 1l/t • FUNGILIFE 1l/t	• Humate 500 0,3 l/ha • Bophos 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1l/t	• Fulvimax 0,4 l/ha • Bophos 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha	• Antistress «03» 0,4 l/ha • Bophos 1 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 1-2 l/ha	• Humat Amino 0,4 l/ha • FUNGILIFE 1-2 l/ha	DESTERN 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass
TRADITIONAL	• Humate LF20 0,8l/t • Seed TURBO 1l/t • Escort 3 ml/t • NMC-U 1l/t • NMC-PP 1l/t	• Humate LF20 0,8-1l/t • Seed TURBO 1l/t • Escort3 ml/t • NMC-U 1l/t • NMC-PP 1l/t	• Humat Amino 0,4 l/ha • Bor 150 1 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha	• Humat Silicon 0,4 l/ha • Bor 150 1 l/ha • PHOSKAL 1 l/ha • NMC-PP 1-2 l/ha	• Humate LF20 0,4 l/ha • Bor 150 1 l/ha • NMC-PP 1-2 l/ha	• Humat Silicon 0,4 l/ha • FUNGILIFE 1-2 l/ha	NMC-D 2-3 l/ha + additionally nitrogen fertilizer (amide, nitrate, ammonium form) from 10 kg/ha in physical mass

- Initiates seed germination
- Stimulates root growth and development
- Increases absorption activity of root hairs
- Accelerates emergence of uniform seedlings

- Improves phosphorus uptake at low temperatures
- Alleviates herbicidal stress
- Stimulates immune resistance
- Increases tolerance to day/night temperature fluctuations

- Enhances tolerance to high temperatures
- Improves photosynthetic activity
- Stimulates flowering
- Reduces fruit drop

- Improves drought resistance
- Regulates water balance
- Exhibits synergy with fungicides
- Converts hard-to-access forms into easily absorbable ones

- Increases dry matter accumulation
- Enhances nutrient outflow
- Stimulates sugar accumulation
- Increases yield quantity and quality

- Aggressive strains of bacteria and fungi break down lignin and cellulose
- Accelerates mineralization of crop residues
- Suppresses pathogenic microflora
- Increases biological activity of the soil

GARDENS

	Primary and pre-planting soil cultivation	Green cone	Pink bud	Fruit formation	Fruit growth	Maturation
INTENSIVE	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos mineral 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • PHYTOLIFE 2-3 l/ha	• Humate 500 1-1,5 l/ha • PHOSKAL 2 l/ha • FUNGILIFE 2 l/ha	• Antistress «03» 1-1,5 l/ha • Bophos 1 l/ha • PHOSKAL 2 l/ha • FUNGILIFE 2 l/ha	• Humate 500 1-1,5 l/ha • Bophos 2 l/ha • PHOSKAL 2 l/ha • FUNGILIFE 2 l/ha	• Fulvimax 1-1,5 l/ha • Calcium 200 1 l/ha • PHOSKAL 2 l/ha • FUNGILIFE 2 l/ha	• Humat Silicon 1-1,5 l/ha • FUNGILIFE 2 l/ha
TRADITIONAL	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos mineral 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • NMC-U 2-3 l/ha	• Humate LF20 1-1,5 l/ha • PHOSKAL 2 l/ha • FUNGILIFE 2 l/ha	• Humat Amino 1-1,5 l/ha • Bor 150 1 l/ha • PHOSKAL 2 l/ha • NMC-PP 2 l/ha	• Humat Silicon 1-1,5 l/ha • Bor 150 1 l/ha • PHOSKAL 2 l/ha • NMC-PP 2 l/ha	• Humat Amino 1-1,5 l/ha • Calcium 200 2 l/ha • PHOSKAL 2 l/ha • NMC-PP 2 l/ha	• Humate LF20 1-1,5 l/ha • NMC-PP 2 l/ha
		• Increases frost resistance • Stimulates growth at low temperatures • Enhances tolerance to temperature fluctuations • Improves immune resistance	• Increases frost resistance • Stimulates pollination • Ensures phosphorus availability at low temperatures • Promotes conversion of hard-to-access forms into easily absorbable ones	• Increases photosynthetic activity • Stimulates metabolic processes • Enhances tolerance to temperature fluctuations day/night • Improves immune resistance	• Regulates water balance • Enhances drought resistance • Converts hard-to-access forms into easily absorbable ones • Corrects nutrient deficiency	• Enhances outflow of plastic substances • Increases tolerance to high temperatures • Promotes sugar accumulation • Improves transportability

GRAPES

	Primary and pre-planting soil cultivation	1	2	3-4 (flowering)	5	6 (Maturation)
INTENSIVE	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos mineral 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • PHYTOLIFE 2-3 l/ha	• Humate 500 1-1,5 l/ha • PHOSKAL 2 l/ha • FUNGILIFE 2 l/ha	• Humate 500 1-1,5 l/ha • Bophos 1,0 l/ha • Escort 5 m l/ha • NMC-U 1,5 l/ha	• Antistress «03» 1-1,5 l/ha • Bophos 1 l/ha • PHOSKAL 1 l/ha • EFUNGILIFE 2 l/ha	• Fulvimax 1-1,5 l/ha • PHOSKAL 1 l/ha • FUNGILIFE 2 l/ha	• Humat Amino 1-1,5 l/ha • FUNGILIFE 2 l/ha
TRADITIONAL	• NPK 5-50 l/ha • NITROLIFE 4-6 l/ha • GUARDOPHYT 5-7 l/ha • Ziphos mineral 1-2 l/ha • PHOSPHOLIFE 4-6 l/ha • NMC-U 2-3 l/ha	• Humate LF20 1-1,5 l/ha • PHOSKAL 2 l/ha • FUNGILIFE 2 l/ha	• Humat Silicon 1-1,5 l/ha • Bor 150 1,0 l/ha • PHOSKAL – 2 l/ha • NMC-PP 2 l/ha	• Humat Amino 1-1,5 l/ha • Bor 150 1,0 l/ha • PHOSKAL – 2 l/ha • NMC-PP 2 l/ha	• Humate LF20 1-1,5 l/ha • PHOSKAL 2 l/ha • NMC-PP - 2 l/ha	• Humat Silicon 1-1,5 l/ha • NMC-PP 2 l/ha
		• Increases frost resistance • Stimulates growth at low temperatures • Enhances tolerance to temperature fluctuations • Regulates water exchange	• Increases photosynthetic activity • Stimulates pollen viability • Increases frost resistance • Corrects nutrient deficiency	• Exhibits synergistic effect with fungicides • Improves resistance to high temperatures • Enhances drought resistance • Promotes cluster filling	• Stimulates photosynthetic activity • Improves nutrient transport • Increases berry size • Improves drought resistance	• Enhances plastic material outflow • Increases sweetness • Promotes berry filling • Improves transportability