Regulations on the use of peat-sapropel fertilizer “PRECOGROW”

Crop culture	Seeds, planting material, L/tonne		Plants during vegetation, L/ha			Soil, L/ha		Plant residues, L/ha	
	fertilizer dose	working solution consumption	plant development phases	fertilizer dose	working solution consumption	fertilizer dose	working solution consumption	fertilizer dose	working solution consumption
Cereals (winter, spring crops)	0,5	10,0	1) Tillering 2) Stem elongation 3) Flowering	1,5	100-300	Pre-sowing treatment (pre-sowing cultivation)		After harvesting (before discing, ploughing) + nitrogen fertilizer 15-20 kg/ha	
						2,0-3,0	300	5,0-7,0	300
Pulses (soybeans, peas, chickpeas, lentils)	0,7	12,0	1) 3-5 leaves phase; 2) Start of budding	1,5	100-300	1,5-2,0	300	2,0-3,0	300
Cotton	1,0	10,0	1) Germination and emergence 2) Start of budding 3) Start of flowering	2,0	100-200	2,0-3,0	300	5,0-7,0	300
Perennial grains, pulses	0,5	12,0	1) Branching, 1 year of use; 2) Growth phase, 2 years of use – (seedpods); 3) After mowing, 2 years of use; 4) Budding phase (seedpods)	2,0	200-300	1,5-2,0	300	Post-mowing treatment	
								3,0-5,0	300
Corn, Sorghum, Sudan grass	1,0	12,0	1) 2-3 leaves phase; 2) 6-7 leaves phase	2,5	200-300	2,0-3,0	300	Dilute the fertiliser with a small volume of water 2 hours before treatment, then mix with the working solution. Add	

								15-20 kg of nitrogen fertilizer to the working solution		
								10,0		300
Sunflower	1,0	12,0	1) 2-4 leaves phase; 2) 6-8 leaves phase	2,5	200-300	2,0-3,0	300	10,0		300
Potato	2,0	10,0	1) Germination and emergence; 2) Budding phase- start of flowering	2,5	100-300	treatment before cutting ridges		-		-
						5,0-7,0	300			
Tomatos	Soaking seeds for 1-2 hours, followed by drying		1) 2-3 leaves phase; 2) 1.5-2 weeks after sowing; 3) Budding phase- start of flowering; 4) Fruit set initiation phase	2,0	100-300	watering the soil before planting seedlings, it is possible to use it with other mineral components		-		-
	100 ml per 1 l of water	1 l per 1 kg				2 l of fertilizer per 998 l of water				
Cucumbers	100 ml per 1 l of water	1 l per 1 kg	1) 2-3 leaves phase; 2) Budding phase- start of flowering; 3) Fruit set initiation phase	2,0	100-300	2 l of fertilizer per 998 l of water		-		-
Carrot, cabbage, lettuce	100 ml per 1 l of water	1 l per 1 kg	1) 2 leaves phase; 2) 4-6 leaves phase; 3) Start of root or cabbage formation	2,0	100-300	3,0-5,0	300	-		-
Rapeseed, coleseed (winter, spring crops)	0,5	10	1) Emergence of the 1st pair of leaves; 2) Start of leaf rosette formation; 3) Start of budding	2,5	200-300	Pre-sowing treatment (pre-sowing cultivation)		Post-mowing treatment		
						2,0-3,0	300	3,0-5,0		300
Linen	0,7	12	1) Emergence; 2) Start of leaf Spiral; 3) Start of budding	2,0	100-200	2,0-3,0	300	Dilute the fertiliser with a small volume of water 2 hours before treatment, then mix with the working solution. Add		

								15-20 kg of nitrogen fertiliser to the working solution	
								10,0	300
Buckwheat	0,7	10	1) Emergence; 2) Start of budding	2,0	100-200	2,0-3,0	300	3,0-5,0	300
Rice	0,7	10	1) Tillering; 2) Stem elongation; 3) Flowering	3,0	200-300	-	-	10,0	300
Garden earthberry, strawberry	soaking seedlings before planting for 2-3 hours or watering when planting		1) when the leaves are regrowing in spring; 2) 2-3 leaves phase; 3) Budding phase- start of flowering; 4) Development of ovary; 5) Before fruit ripening; 6) After the fruiting period	3,0	150-200	Tillage in autumn or spring before planting seedlings		-	-
	1 l per 99 l of water	1.5-2.0 liters per 1 sqm of planting				3,0-5,0	300-500		
Garlic, onion	soaking cloves after its sorting for 1-2 hours before planting		1) In spring when sprouts appear (recommended to combine with nitrogen supplements); 2) Bulb initiation; 3) Bulb enlargement	2,5	150-200	Stubble residue treatment after harvesting the forecrop, before husking or discing or before planting cultivation		-	-
	200 ml per 800 ml of water	1,5-2,0 l per 1 kg				10,0	150-200		
Beetroot	0,5	10	1) 2-3 leaves phase; 2) Before leaves are folded	3,0	200-300	Stubble residue treatment after harvesting the forecrop, before husking or discing or before planting cultivation. Dilute the fertilizer in a small volume of water 2 hours before using the working solution, then mix with the working solution. It is recommended to add 15-20 kg of nitrogen fertilizer to the working solution			
						10,0		300	

Melon	soaking for 1-2 hours, followed by drying		1) 3-4 leaves phase ; 2) Before lashes are folded; 3) Blooming; 4) Fruit growth and ripening	2,5	200-300	Stubble residue treatment after harvesting the forecrop, before husking or discing or before planting cultivation		-	-
	100 ml per 900 ml of water	1,0-1,5 per 1 kg				5,0	300		
Fruit trees and shrubs	1,0	50	1) Dormant phase; 2) Start of bud separation ; 3) Pink bud phase; 4) Start of ovary formation; 5) First blooming phase; 6) Fruit ripening	10,0	800-1000	Root feeding (fertigation), fertilizer consumption 6 l/ha.			
Grape	1,0	50	1) Before flowering ; 2) Berry growth; 3) Start of sugar accumulation	4,0	200-300	Root feeding (fertigation), fertilizer consumption 10 l/ha.			