

**Interim results on experimental crops using bioorganomineral fertilizer
(a granule from chicken droppings + Biogor) in 2021**

In the spring of 2021, spring crops were sown using organomineral fertilizer in the farms of the Belgorod and Kursk regions. Fertilization was carried out both locally in a row and in a scattered manner.

The results of the experiments:

economy	culture	mineral nutrition	crop capacity c/ha	Humidity, %	organic nutrition a granule + Biogor	crop capacity c/ha	Humidity, %
Victory(SBK)	Soy	100 kg/ha when sowing ammonium nitrate	12,01	9,7	100 kg/ha “ when sowing	12,45	9,9
The Green Valley	Soy	150 kg/ha for cultivation ammonium nitrate	11,4	9,6	150 kg/ha when sowing	11,5	9,7
	corn (silage)	150 kg/ha for cultivation ammonium nitrate	141,6	62,2	100 kg/ha when sowing	138,6	61,8
Bental “Voznesenovka”	Soy	200 kg/ha carbamide	20,1		150 kg/ha when sowing	20,21	
	Soy	200 kg/ha carbamide	20,1		200 kg/ha when sowing	20,65	
	Soy	200 kg/ha carbamide	20,1		250 kg/ha when sowing	20,07	
LLC "Derzhava"	Soy	130 kg/ha of nitroammophosc during sowing	17,9	10,2	130 kg/ha for sowing	18,6	10,1
	corn	120 kg/ha of ammonium sulfate during sowing			120 kg/ha for sowing		
LLC «Mikhailovskoye»	corn (silage)	200 kg/ha ammonium nitrate for cultivation	210,2	65,2	200 kg/ha for cultivation	209,5	65,5
	corn (grain)	200 kg/ha ammonium nitrate for cultivation	44,9		200 kg/ha for cultivation	45,3	

IP Karapuzov N.D. farm	sunflower	120 kg/ha of yaromil during sowing	15	7	120 kg/ha during sowing	15	6,9
Fortuna LLC	sunflower	100 kg/ha of ammonium nitrate for cultivation	15	9	100 kg/ha for cultivation	10	9
IP Zaitseva T.V. farm	sunflower	100 kg/ha of ammonium nitrate for cultivation	19,0		100 kg/ha for cultivation	19,1	
Klimov farm	Soy	Without fertilizers	24,88		200 kg/ha during sowing	29,38	
Agro Belogorye LLC Prokhorovskaya Grain Company	sunflower	200 kg/ha of ammonium nitrate for cultivation	29,5		200 kg/ha for cultivation	29,68	29,68

Dynamics of plant development when using a granule from chicken droppings + Biogor was no different from the dynamics of plant development when using synthetic fertilizers.

fertilizers	Price, rub/kg
bioorganomineral fertilizer	16,0
Diammophoska	40
ammonium nitrate	24
Azofoska	36
Carbamide	46
Realization	
culture	Price, rub/kg
Soy	54,2
Sunflower	40,8
corn	15,6