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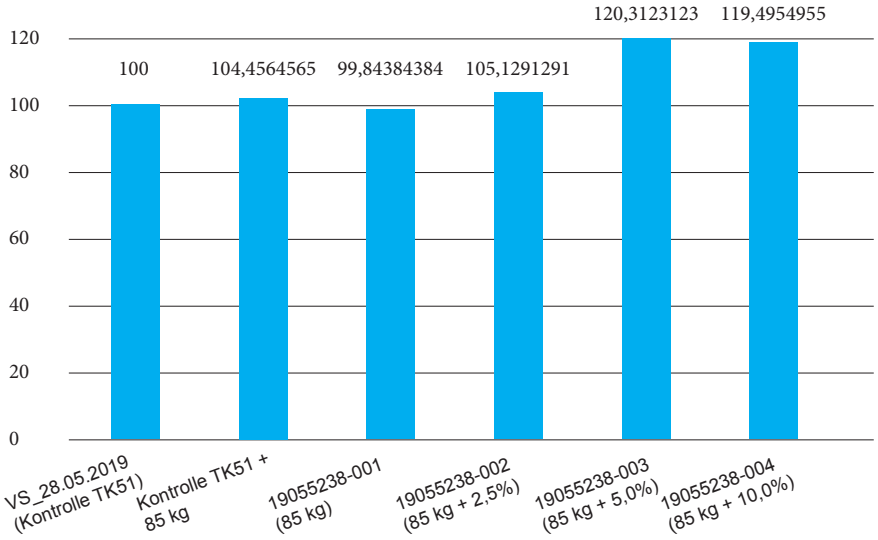
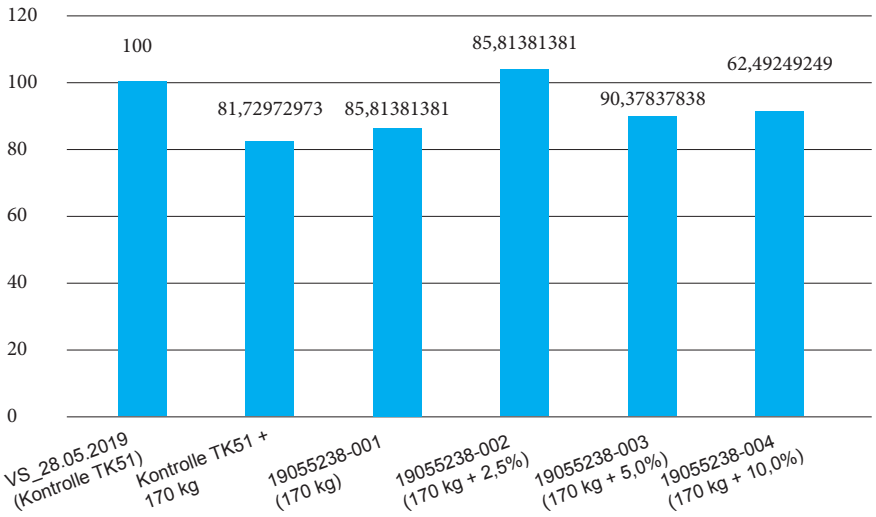
VS_28.05.2019 (Control TKS1)		6,83	7,04	6,99	6,89	6,94	100,00
Control TKS1 + 85 kg	Fertilizer Ammoniumnitrate 35 % - 85 kg	6,75	7,59	7,40		7,25	104,46
Control TKS1 + 170 kg	Fertilizer Ammoniumnitrate 35 % - 170 kg	4,62	6,09	6,30		5,67	81,73
19055218-001 (85 kg)	Fertilizer BioAgenasol - 85 kg	6,65	6,70	7,43		6,93	99,84
19055218-002 (85 kg + 2,5 %)	Fertilizer BioAgenasol + Humic acid „Humiverse“ 2,5 % - 85 kg	7,23	7,63	7,02		7,29	105,13
19055218-003 (85 kg + 5,0 %)	Fertilizer BioAgenasol + Humic acid „Humiverse“ 5,0 % - 85 kg	8,75	8,04	8,25		8,35	120,31
19055218-004 (85 kg + 10,0 %)	Fertilizer BioAgenasol + Humic acid „Humiverse“ 10,0 % - 85 kg	9,03	7,67	8,17		8,29	119,50
19055218-001 (170 kg)	Fertilizer BioAgenasol - 170 kg	5,86	6,10	5,90		5,95	85,81
19055218-002 (170 kg + 2,5 %)	Fertilizer BioAgenasol + Humic acid „Humiverse“ 2,5 % - 170 kg	5,83	6,48	6,50		6,27	90,38
19055218-003 (170 kg + 5,0 %)	Fertilizer BioAgenasol + Humic acid „Humiverse“ 5,0 % - 170 kg	5,95	6,20	6,33		6,16	88,79
19055218-004 (170 kg + 10,0 %)	Fertilizer BioAgenasol + Humic acid „Humiverse“ 10,0 % - 170 kg	6,61	6,20	6,44		6,42	92,49

Addition of humic acid (product "Humiverse") in the ratios 2.5 %, 5.0 % and 10.0 % into BioAgenasol at 85 kg N/ha nitrogen



The results show a positive trend compared to the control with an increase of biomass with addition of humic acid (product "Huminverse") into BioAgensol in the mixing ratios of 2.5 %, 5.0 % and 10.0 %. With the ratio of > 5% humic acid, no obvious increase in biomass yield can be detected. At < 5%, mineral fertilization (ammonium nitrate, NH4NO3) seems to limit the effect of humic acid. There was a basic fertilization with 85 kg / ha N nitrogen.

Addition of humic acid (product "Humiverse") in the ratios 2.5 %, 5.0 % and 10.0 % into BioAgenasol at 170 kg N/ha nitrogen



The positive trend does not appear for the fertilization with 170 kg N / ha nitrogen. The decrease of biomass can be observed for all conditions in comparison to the control. A surplus of nitrogen can be assumed as reason. It seems that the negative effect of the surplus dominate, nevertheless there seems to be a slight upward trend within the mixing ratios.