



Supplementary Figure 2. Effect of biostimulant formulations mixed with N fertilizer on plant DW and total plant N at the tillering, heading and maturity stages in wheat (*Triticum aestivum* L.). (A) Plant dry weight dynamics, and (B) total plant N dynamics. Plant culture was carried out under semi-hydroponic conditions on a sand/perlite (1/1) substrate (see Materials and methods for details). N was provided at tillering (eq. 50 kgN ha⁻¹), the 2.5 cm head stage (eq. 80 kgN ha⁻¹) and heading (eq. 20 kgN ha⁻¹). VNT1 and VNT4 (see Table 1 for composition of each) were mixed with N fertilizer at different doses: dose 2 was 166 mL kgN⁻¹ and dose 3 was the equivalent of 3 x 5 L ha⁻¹. Dose 3 was tested only with VNT4. Plants were harvested at emergence of the last visible leaf (GS39), heading (GS59) and maturity (GS89). Bars indicate means \pm SE. Different letters denote significant differences according to Fisher's test ($p < 0.05$; $n = 3$).