



Fig.2 The episode of 13-25 August 2015: **a.** 3-h time-series of *Cladosporium* spp. concentrations at Viborg (blue) and Copenhagen (red) stations, daily precipitation at Foulum station (green); **b.** Lines represent 48-h back trajectories for the period of 13-25 August: green on 13 August and 25 August, red on the day with maximal concentration, i.e. on 16 August, black on the other days within the period; **c.** Agricultural fields for grain crops in 2015, divided into two groups: winter (green) and spring (red) seeds to maturity, black dash line highlights the the area under the trajectories on the days 14-24 August, when 3-hourly *Cladosporium* spp. concentrations stayed higher at the Viborg station than those at the Copenhagen station. In the highlighted area 77% of all grain crop fields are winter grain crops and 23% are spring grain crops; **d.** Grain crop fields distribution: winter wheat - 43%, spring barley – 20%, winter rapeseed – 14%, winter barley – 12%, winter rye – 6.6%, winter triticale – 1.7%, spring oat – 1.6%, spring wheat – 0.9%, and spring triticale – 0.2%.