



Figure S1 Division of the individual plots in a diagonal arrangement (upper left), incorporation of the fermentation residues directly after application (below left), localization of the experimental areas in the field (upper right), trial area after cultivation (below right). The plots are Control #1 and Control #2, as well as the treated soils with prolonged fermented digestates from the biogas facility in Gnutz (Gn 60 #1, Gn 60 #2) and Kletkamp (Kl 60 #1, Kl 60 #2), respectively, and with fresh digestate (Kl fr. #1, Kl fr. #2) from the Kletkamp facility at the experimental site Hohenschulen ($n = 2$).