



Supplementary Figure S1. Average rainfall and temperature in the two locations during the 2018 and 2019 cropping seasons. **(a).** Manga, Ghana in 2018. **(b).** Manga, Ghana in 2019. **(c).** Kadawa, Nigeria in 2018. **(d).** Kadawa, Nigeria in 2019. Tmin = Minimum Temperature, Tmax. = Maximum Temperature, °C = Degrees Celsius