Global Yield Gap Atlas

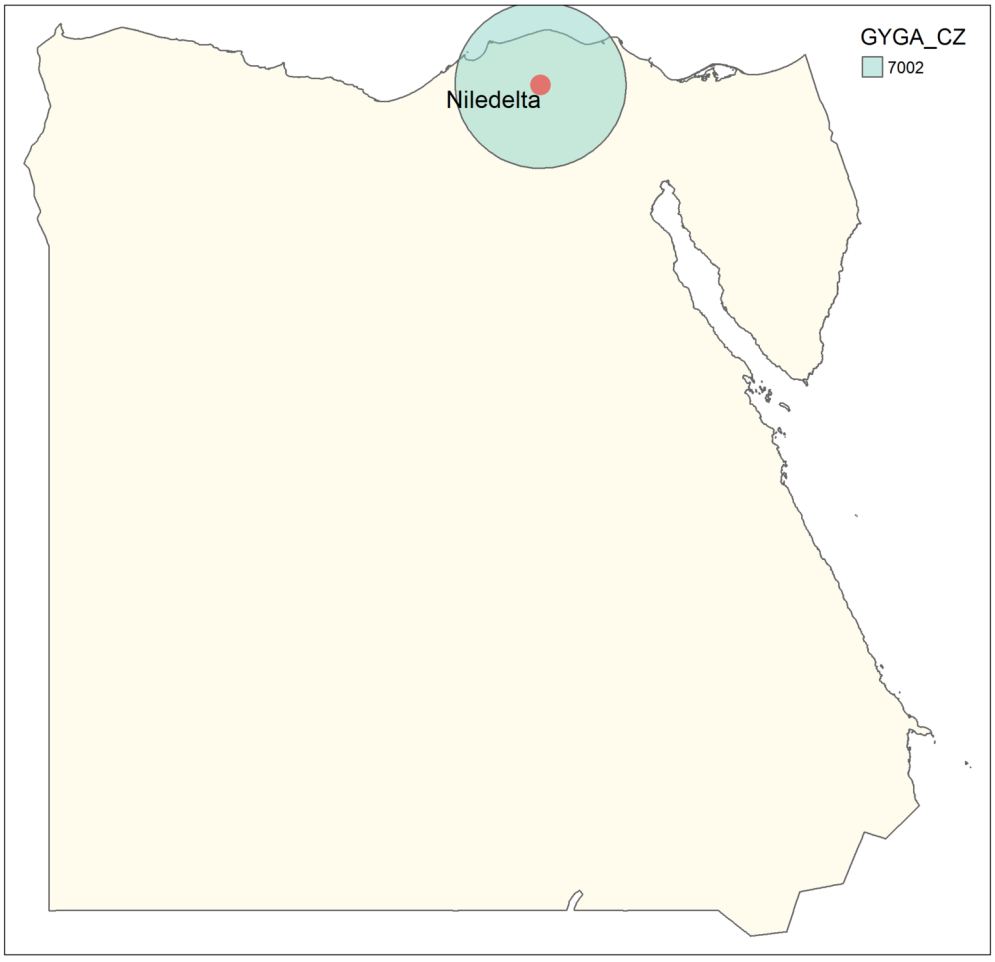
Crop Management Data for wheat in Egypt

This document is the companion document of the Global Yield Gap Atlas crop management form entitled: `GYGA_cropm_form_wheat_EGY.xlsx`. It includes a map of all the weather stations that will be used to perform yield gap estimation in Egypt for wheat as well as a table referencing all crop management parameters. The later table serves as a manual for `GYGA_cropm_form_wheat_EGY.xlsx`. It contains the name of all parameters, their detailed description and the format in which the data should be filled in.

If you have any questions, please contact Antoine Langullaume (antoine.languillaume@wur.nl) or Joao Vasco Silva (joao.silva@wur.nl).

Thank you for involvement and the time you are dedicating to the Global Yield Gap Atlas.

The GYGA team.



Variable	Description	Format
station_name	Weather Station name	Text
cropping_system	GYGA cropping system	Text
per_rainfed	Percentage of rainfed wheat in the region	Number between 0 and 100 (percentage)
per_irrigated	Percentage of irrigated wheat in the region	Number between 0 and 100 (percentage)
irrigation_type	Main type of irrigation used in the region	Text: choose one option among those two: pivot ; drip
main_soil_type	Briefly describe main features of most important soil type in the region on which the wheat is usually grown	Text: no more than 50 characters
per_main_soil_type	Percentage of main soil type in the region	Number between 0 and 100 (percentage)
main_crop_rotation	Description of the most common crop rotation	Text: crop names separated by slashes ”/” ; no white space ; (wheat/soybean/maize)
per_crop_main_rotation	Percentage of wheat in main rotation	Number between 0 and 100 (percentage)
sowing_window_start	Earliest day of the plausible sowing window	Date: 2 digits for day followed by 2 digits for month separated by a slash ”/”. (ex 15/03)
sowing_window_end	Latest day of the plausible sowing window	idem
harvest_period_start	Earliest day of the plausible harvest period	idem
harvest_period_end	Latest day of the plausible harvest period	idem
main_cultivar	Name of the most widely use cultivar in the region	Text
ndays_emergence_to_flowering	Number of days from emergence to flowering given as a range	Number: 2 or 3 digits for lower bound and 2 or 3 digits for upper bound separated by a semi column ”;”. (ex: 95;105)
ndays_flowering_to_maturity	Number of days from seed set to maturity given as a range	idem
harvest_index	Harvest Index	Number between 0 and 1 with maximum two decimals.
comments	Additional information ; other comments	Text no more than 100 characters.