

This report is a summary of the DOK trail handing over meeting conducted with Mr. Justus and a DOK trail field visit that occurred on the 2nd of November 2020.

A joint meeting was conducted at 9.30 am included Mr. Justus and staff members of the Faculty of Organic Agriculture “Dr. Hasan Abo-Bakr, Dr. Ali Sabbour, Dr. Reham Fathy, Dr. Eman Nour, Dr. Shimaa Abo-Hatab, Dr. Hamed Al-Ameen and Mr. Ayman Hosny”. The aim of this meeting was to facilitate the handing over process of the DOK trails at Al-Adlya-SEKEM farm. The outcome of a two hours discussion can be concluded on the following points:

- 1) The trails started on 2015 until 2019 typically mimicking a design of DOK trails conducted on Switzerland.
- 2) The experimental design followed along the past cultivating seasons was split-split design and the analysis factor is the total average yield.
- 3) The total acreage of the DOK trails is one and half feddan with drip-irrigation system installed including fertilization tank and pump.
- 4) Further discussion with Eng. Mohamed Shams at the trails site (Al Adlya-SEKEM) was recommended to get more technical details.

A Scientific group from the Faculty of Organic Agriculture, Heliopolis University included “Dr. Hassan Abo-Bakr, Dr. Eman Nour and Mr. Ayman Hosny” went for the site visit, and had a meeting with Eng. Mohamed Shams and Eng. Hany. The outcome of the visit can be summarised in the following points:

- 1) The crops which have cultivated on the past years were, Tomatoes (summer season), Wheat (winter), Fava Beans (winter), Potatoes (winter), Soyabean (summer), squash (summer), cowpeas (winter and summer).
- 2) Tomatoes failed on the different cultivation seasons due to several pest attacks (white fly), Potatoes failed on the different cultivation seasons due to the soil physical properties and soyabean failed to give yield and produced only vegetative growth.
- 3) The soil is yet to be analysed from the chemical (total and available nutrient) and the microbial (soil fauna) perspectives.

- 4) Possible changes on the trails' field crops were discussed, few changes were initially proposed (Eggplant instead of Tomatoes – cowpeas instead of Potatoes). Further changes will be thoroughly discussed and proposed through a scientific committee.