Researches Crop Intensification Department

from 2005 to 2025

Zohry A.A. (2005a). Effect of relaying cotton on some crops under bio-mineral N fertilization rates on yield and yield components. Annals Agric. Sci. Moshtohor, 43 (1):89-103.

Zohry A.A. (2005b). Effect of preceding winter crops and intercropping on yield, yield components and associated weeds in maize. Annals Agric. Sci. Moshtohor, 43 (1):139-148.

Sherif S.A., Zohry A.A. and Ibrahim S.T. (2005). Effect of planting dates and densities of maize intercropped with groundnut on growth, yield and yield components of both crops Arab Univ. J. Agric. Sci., Ain Shams Univ., Cairo 13 (3): 771-791.

Kafaga, E. E., Saleh, S. Z., Yousry, S. A. M., & Antoun, L. W. A. (2008). Effect of potassium fertilization on cotton production under Egyptian soil conditions. Journal of Agricultural Science, Mansoura University, 33(1), 785–792.

Hussein, M. M. M., Yousry, S. A. AbdEl-Sh., Metwally, S. A., & Mohamed, E. S. (2011). Maximizing area unit productivity and technological characteristics by intercropping flax with sugar beet under different levels of nitrogen and potassium fertilization. Egyptian Journal of Applied Sciences, 26(10.(

Mahdy, M. M., Hussein, M. M., & Yousry, S. A. Metwally. (2012). Effect of intercropping flax in different seeding rates in fields of sugar beet under nitrogen fertilization levels on yield, quality, and land use efficiency attributes. Zagazig Journal of Agricultural Research, 39(1.(

Nagwa, R.A., Kh.El-Sh.Mohamed and H.Ferweez. (2012). Productivity and quality of autumn sugarcane ration intercropped by wheat or barely under Middle Egypt condations. Bull Fac. Agric., Cairo Univ., 63(4):396-405.

Enan, S.A.A.M; M.M.A. El- Mansoub and Nagwa, R. Ahmed (2013). Effect of sowing date and intercropping pattern of sunflower with sugar cane on stalk-rot

disease, productivity and quality. Minia Journal of Agricultural Research and Development, 33 (3):383-407.

Wafaa, Kh. M., Nagwa, R. A. and Abd El- Hakim, W.M.(2013). Effect of intercropping dates of sowing and N fertilizers on growth and yield of maize and tomato. Egyptian Journal of Applied Sciences, 28(12B):625-644.

Ahmed, A.M., Nagwa, R.A. and Soha,R.A.(2013). Effect of intercropping wheat on productivity and quality of some promising sugarcane cultivars (Autumn plant). Minia Journal of Agricultural Research and Development, 33 (4):557-583.

Nagwa, R.A., Faissal,F.A. and Al-Hussein,S.A.(2014). Physiological studied on intercropping of some legumes on Sewy date palms. World Rural Observations, 6(4):81-89.

Ahmed,M.S., Nagwa,R.A., Amer,S.A.S.and Hassan,E.K.(2014). Rotational crop sequences and N fertilization levels effect on maize growth and productivity. Alexandria Science Exchange Journal, 35(3):145-161.

Ahmed, M.S., Nagwa, R.A. and Abdel-Aziz, M.E. (2014). Effect of crop sequence and nitrogen levels on rice productivity. Annals of Agricultural Science, Moshtohor, 52(4):451-460.

Nagwa, R.A., Nagat, G.A. and Reem,M.A.(2015). Intercropping fenugreek (Trigonela Foenum Graecum L.) on the faba bean (Vicia Faba) to reduce the incidence of (Orobanche Crenata). World Rural Observations, 7(1):88-99.

Toaima, S.E.A., Nagwa R.Ahmed, M.M.Lamlom and H. Ferweez. (2015). Allelopathic effects of intercropping cereals with sugar beet at bio-mineral nitrogen fertilizer rates on productivity, quality and profitability. Egypt .J. of Appl. Sci., 30(5):273-292.

Zen El-Dein, A.A.M. (2015). Effect of intercropping some winter crops with sugar beet under different nitrogen fertilizer on yield and its components. Glob. J. Agric. Food Safety Sci., 2 (3): 303-318.

Zen El-Dein, A.A.M. (2015). Effect of intercropping and nitrogen fertilizer levels on yield and its components of soybean, sesame and cowpea with maize. Glob. J. Agric. Food Safety Sci., 2 (3): 319-331.

Amira A.El-Mehy, S.K.Badr and Zahera M.Attia (2016). Growth, yield and yield components of wheat as affected by crop sequences, seeding rates and nitrogen fertilizer levels. Annals of Agric. Sci., Moshtohor, Vol.54(1): 1 – 14.

Zen El-Dein, A.A.M., F.M. Seif El-Nasr, M.A. Raslan and M.A. Ibraheim (2016). Identify the advantages of intercropping through maize planting dates and intercropping systems for soybean with maize. Al-Azhar J. Agric. Res., 27: 516-530.

Amira, A. El-Mehy, A.M. Sheha,S.M. El-Gedway (2016). Evaluation of maize and soybean under different intercropping systems. The sixth field crops conference, FCRI, ARC, Giza, Egypt, 22-23Nov.

Zen El-Dein, A.A.M. and F.M. Seif El-Nasr (2016). Effect of residual and straw for three preceding crops on growth, yield and yield components of wheat under different nitrogen fertilizer levels. J. Agric. Res. Kafr El-Sheikh Univ. J. Plant Production, 42 (2): 194-206.

Zen El-Dein, A.A.M. (2016). Effect of planting methods and NPK fertilizer on intercropping onion with wheat. Al-Azhar J. Agric. Res., 27: 501-515.

Amina I. El-Shafey and A.A. Zen El-Dein (2016). Response of maize intercropping with soybean to nitrogen fertilizer and humic acid application. J. Plant production, Mansoura Univ., 7 (7): 733-741.

Zohry A.A., Ouda S. and Noreldin T. (2016). Solutions for maize production-consumption gap in Egypt. 4th African Regional ICID Conference, Aswan, Egypt.

Abbady, K., El-Maaz, E., Ahmed, H. and Zohry A.A. (2016). Carbon sequestration as a function of intercropping management practice and different nitrogenous fertilizer types. Journal of Soil Science and Agricultural Engineering, 7(8):565-586

Ahmed M. Sheha, Amira A. El-Mehy and Y.A.A. Hefny (2017). Effect of intercropping patterns and nitrogen fertilizer levels on productivity of intercropped sugar beet and sunflower. Zagazig J. Agric. Res., Vol. 44 No. (1.(

Amira A. El-Mehy and H.E.M. El-Badawy (2017). Evaluation of intercropping corn, soybean and cowpea on Washington navel orange orchard under different N fertilizer levels. Middle East J. of Agric. Res., Vol. 6 (2):513-533.

Badr K.S.A., Salwaa M.I., Sedek A.S. and El-Douby K.A (2017). Integrated crop management through optimal planting date and nitrogen fertilizer levels in wheat-sugar beet association on competitive relationships and yield advantages. Ann. Agric. Sci., Moshtohor, 55: 511-528.

Rashwan,Basma R.A., Reem M.Abdl-Raouf, Nagwa R.Ahmed and H.Ferweez (2017). Efficacy of K-humate, compost and biofertilizer application as well as cutting number on yield and quality of stevia (Stevia rebaudiana Bertoni) as natural sweetener. Assuit J.Agric.Sci., 48(1):251-268.

Amira A. El-Mehy, Ahmed M. Taha and Ahmed M. M. Abd-Allah (2018). Maximizing Land and Water Productivity by Intercropping Sunflower with Peanut under Sprinkler Irrigation. Alexandria Sci. Exc. J., Vol. 39, No (1):144-160.

Amira A. El-Mehy and M. H. M. Mohamed (2018). Yield and economic evaluation of maize and tomato as affected by cropping systems and some growth stimulants. Middle East J. of Appl. Sci., vol.8 (1):209-222.

Zahera M. Attia, Amira A. El-Mehy and K. S. Badr (2018). Effect of preceding and catch crop with boron foliar application on yield and quality of sugar beet (Beta Vulgaris L.). Menoufia J. Plant Prod., Vol. 3 June: 287 – 301.

Abdou, M.A.H., Tantawy, A.A. and Nagwa R. Ahmed (2018). Influence of Planting Dates and Spaces on Quinoa (Chenopodium Quinoa, Willd) Production Plants Growing In Soils Affected Salts. Egypt. J. of Appl. Sci., 33 (11):284-295.

Asmaa, A. Ebrahim and Nagwa R. Ahmed (2018). Comparative Study between Some Intercropping System and Methods for Controlling Weeds Association in Superior Vineyards. World Rural Observations, 10(4):94-105.

Nagwa R. Ahmed , A. M. Sheha and W. A. Hamd-Alla (2019). Effect of intercropping of some legume forage crops with maize under levels of mineral Npk and nano Npk fertilizer. J. of Plant Production, Mansoura Univ., 10 (10):833-842.

Nagwa R. Ahmed and H. M. Hassan (2019). Effect of some Preceding Crops on Sugar Beet Productivity and its Relationship with Phyto-Nematodes Infestation. J. of Plant Production, Mansoura Univ., 10 (12): 957-965.

Salem Azza Kh., Sultan Fadia M. and El-Douby K.A (2019). Effect of intercropping cowpea (Vigna unguiculata L.) with teosinte (Zea Mexicana Schard) on forage yield productivity and its quality. Egypt.J. Agron., 41 (2): 183-196.

Amira A. El-Mehy; A. M. AbdAllah; T. S. Mohamed and E. E. Kasem (2020). Intercropping of some Faba Bean Cultivars with Sugar Beet using Different Irrigation Intervals under Sprinkler System in Sandy Soils. J. of Plant Production, Mansoura Univ., Vol. 11 (12):1215-1225.

Amira A. A. El-Mehy; A. S. Shams and Y. E. El-Ghobashi (2020). Effect of Intercropping Faba Bean with Sugar Beet on Yield and Yield Components under Salt Affected Soils Conditions. J. of Plant Production, Mansoura Univ., Vol. 11 (9):805-812.

Yasser E. El-Ghobashi, Amira A. El-Mehy, Kamal A. El-Douby (2020). Influence of intercropping cowpea with some maize hybrids and n nano-mineral fertilization on productivity in salinity soil. Egypt. J. Agron., Vol. 42, No. 1, pp. 63-78.

Ahmed M. Abd Allah; Amira A. El-Mehy and Sahar H. Abdel-Baset (2020). Effect of Intercropping Onion with Sugar Beet on Productivity of Both Crops and Root-Knot Nematodes Control under Different Onion Plant Densities and Slow-Release N Fertilizer Rates. J. of Plant Production Sciences; Suez Canal University, Vol. 9 (1): 61-75.

Hamd,W.A.; Nagwa,R. Ahmed and M. Hefzy (2020). Enhance productivity and net economic return by intercropping sunflower (Helianthus annus L.) with common beans (Phaseolus vulgaris L.) under drip irrigation. European J. of Biological Res., 10(2): 57-73.

Asem, M. K.; A. A. Zen El-Den and Nagwa R. Ahmed (2020). Forge yield and its quality of Sudan grass and cowpea under different intercropping patterns. Al-Azhar J. of Agric. Res., 45(1):100-113.

El-Karamity A.E.; Nagwa R. Ahmed and Aya N. Mohamed (2020). Effect of Intercropping of Some Oil Summer Crops with Maize under Levels of Mineral N and Nano N Fertilizers. Scientific Journal of Agricultural Sciences, 2 (2): 90-103.

Abd-Rabboh, A. M. K.; N. A. Ghazy; M. M. Awad and G. A. Farahat (2020). Effect of Nitrogen Fertilizer and Foliar Spraying with Humic Acid on Productivity of Maize, Soybean and Ear Rot Disease of Maize. J. of Plant Production, Mansoura Univ., Vol. 11 (11):1045-1054.

Awad, M. M.; Hania A.M. Eraky and M. M. Lamlom (2020). Influence of Proceeding Crop and Foliar-Applied Micronutrients on Faba Bean Productivity and Seed Quality. J. of Plant Production, Mansoura Univ., Vol 11 (12):1303–1309.

Ahmed M. Abd Allah; Hend H. M. Hassan and M. M. Awad (2020). Forage productivity, competition indices and economics of forage millet and guar as affected by intercropping pattern and nitrogen fertilizer under sandy soil conditions. J. Plant Production Sci.; Suez Canal Univ., 9 (1): 47-59.

Amira A. El-Mehy, Hala M. El-Gendy, Ahmed A. Aioub, Samy F. Mahmoud, Shebl Abdel-Gawad, Ahmed E. Elesawy, Ahmed S.M. Elnahal (2021). Response of faba bean to intercropping, biological and chemical control against broomrape and root rot diseases. Saudi Journal of Biological Sciences, Vol. (29): 3482-3493.

Khamis A. Mourad and Amira A. El-Mehy (2021). Effect of sowing date and intercropping system of sunflower with sugar beet on the productivity of both crops. Zagazig J. Agric. Res., Vol. 48 No. (1):19-35.

Ahmed M. Sheha, Amira A. El-Mehy, Ahmed S. Mohamed, Said A. Saleh (2022). Different wheat intercropping systems with tomato to alleviate chilling stress, increase yield and profitability. Annals of Agricultural Sciences, Vol. 67 (1):136-147.

Amira A. El-Mehy, Mohamed M. Awad (2022). Response of sesame to intercropping with maize under different sowing dates and plant distributions of sesame. Moroccan J. of Agricultural Sciences, Vol. 3 (1): 39-48.

Ahmed M. Abd Allah; Amira A. El-Mehy; Ismail A.I. Mohammed and M. M. Abd Elsalam (2022). Effect of Plant Spacing and N Fertilization Levels of watermelon Relay Intercropping with Faba Bean in Relation to Yield Productivity. J. of Plant Production Sciences; Suez Canal University, Vol. 11 (1): 101-110.

Mohamed M. Awad; A.M.K. Abd-Rabboh and N.A. Ghazy (2022). Influence of onion planting density intercropped with sugar beet on productivity characters and root rot incidence of sugar beet. Sinai Journal of Applied. Sciences, 11 (3): 397–418.

Abdelsatar, M. A., Metwally, Y. S. A., & El-Demardash, I. S. (2022). Triple test cross analysis for seed yield and its components in sesame under water stress conditions. Oil Crop Science, 7(2), 71–79.

Ahlam H.H. Suleiman (2022). Growth and quality of sugar beet and its relationship to sowing method, nitrogen and boron fertilization. Ph. D. Thesis Fac. of Agric. (Saba Basha) Alex. Univ.

Ouda S., A. Zohry and A. Taha. (2022). Approaches to increase the resiliency of Egyptian agriculture to climate change: An Overview. Mor. J. Agri. Sci., 3 (2): 99-108.

Mohamed M. Awad; Mohamed. A. Abd El-Satar and M.M.A. Ibrahim. (2023). Impact of different sesame intercropping dates with cotton on agronomic performance and insect pests infestation. Mor. J. Agri. Sci., 4 (1): 1-15.

KOriem M.H.M., H.S.G. Rizk, W.K.L. AbdelMasieh, A.D. Badr, A.A.M. Zen EL-Dein, M.A.K. Shehata (2023). Impact of plant density of pea intercropped with flax under different nitrogen fertilizer levels on crop productivity. Mor. J. Agri. Sci., 4 (1): 11-20.

Wael Hamd-Alla, Manal A. K. Shehata, Ahmed A. A. Leilah, R. Kh. Darwesh, Mohamed Hefzy (2023). Impact of irrigation regimes on productivity and profitability of maize + peanut intercropping system in Upper Egypt. European Journal of Biological Research, 13(4): 218-231.

Manal A. Shehata and Wael Hamd-Alla (2023). Response of intercropping cowpea with maize to potassium fertilizer and foliar application of boron on the productivity of both crops. J. of Plant Production, Mansoura Univ., Vol. 14 (8): 405-411.

Amira A. El-Mehy, Amany K. El-Habbak (2023). Eco-friendly treatments for weed control in maize fields intercropped with cowpea. Environment, Biodiversity & Soil Security, Vol. 7 (1.(

Mohamed M. Awad, Amira A. El-Mehy and Hend H. Hassan (2023). Impact of crop sequence and nitrogen fertilization levels on wheat (Triticum aestivum L.) productivity in Egypt. Egyptian J. of Agricultural Research, Vol. 101 (1): 83-94.

Amira A. El-Mehy, Manal A. Shehat, Ahmed S. Mohamed, Said A. Saleh and Ahmed A. Suliman (2023). Relay intercropping of maize with common dry beans to rationalize nitrogen fertilizer. Frontiers in Sustainable Food Systems, Vol.7(1): 1-16.

Basma. R. A. Rashwan; Reem. M. Abd- El Raouf and Nagwa R. Ahmed (2023). Effect of intercropping and fertilization on the yield and quality of stevia as a natural sweetener. New Valley Journal of Agricultural Science, 3(8):781-805.

Nagwa R. Ahmed; Asem, M. K. and A. A. Zen El-Den (2023). Effect of Intercropping lupines and fenugreek on productivity and quality of autumn sugar cane Raton under middle Egypt conditions. (Under publication.(

Ouda, S. and Zohry, A. (2023). Increasing sustainability by intercropping legume crops with sugar beet under imposed water stress. Irrigation and Drainage, 1–26.

Abd-Allah, A. M., Shehata, M. A. and Gerish, A. M. (2024). Possibility of introducing quinoa to the Egyptian's cropping structure by intercropping with onion crop. Journal of Plant Production; Suez Canal University, Volume 13(1): 16-27.

Shehata, Manal A. K.; Koriem, M.H.M. and Hamd-Alla, W. (2024). Effect Of Sowing Dates And Plant Density Of Lupine Intercropped With Sugar Beet On The Productivity And Economic Return. Menoufia J. Plant Prod., Volume 9 Issue 1: 17–32.

Zen El-Dein, A. A. M (2024). Response of tomatoes and sunflower intercropping to organic and mineral fertilization. J. of Plant Production, Mansoura Univ., 15(11): 725–730.

Atef A. M. Zen El-Dein (2024). Impact of Wheat Seeding Rates with Sugar Beet, Humic Acid and N Fertilizer Rates on Yield and Chemical In Both Crops. Acad. Journal Biology. Sci., 15 (2):15-28.

Manal A. Shehata; A. M. Abd Allah; Kh. A. Mourad and W. Hamd-Alla (2025). Relay Intercropping of Sunflower with Onion to Improve Productivity and Economic Return. J. of Plant Production, Mansoura Univ., Vol. 16 (5):199-205.

Ahmed, M. Mohamed Abd-Allah, Rehab H. Hegab and Amira A. El-Mehy (2025). Effect of Some Soil Amendments on Nutrients Uptake and Productivity of

Cowpea/Maize Intercropping System under Water Stress in Sandy Soil. Egypt. J. Agron., Vol. 47, No. 1, pp: 95-106.

Abd-Rabboh A. M. K., M.M. Awad, Marwa Kh. A. Mohamed, Heba A.M.A. Saleh and Nasr A. Ghazy (2025). Effect of Compost Tea Application on Disease Incidence and productivity of Intercropping Maize and Soybean. Middle East Journal of Agriculture Research, Vol. 14 (2): 284-299.

Zohry, A. and S. Ouda (2025). Legume crops enhance water use efficiency under intercropping system with wheat. Mor. J. Agri. Sci., 6 (3): 145-160

Authored books

.1Zohry A.A. (2017). Crop Intensification and Crop Rotation: Unconventional

Methods for Agricultural Development. Noor Publishing. ISBN: 978-3-330-79924-0. (In Arabic(

.2Zohry A.A. and Ouda S. (2015). Facing Water Scarcity in Egypt by Intercropping: Maximizing Maize Production to Reduce its Gap under Changing Climate. Lambert Academic Publishing, Germany. ISBN: 978-3-659-80628-5.

Book chapters

- .1 Zohry A., Ouda S. and Khalil F. 2025. Agroecological intensification of legume-cereal intercropping systems: The 4C. In: Resilient Agroecosystems Innovations in Cropping Systems and Climate Change Mitigation. Springer publishing house. ISBN: 978-981-96-9630-7.
- .2 Ouda S. and Zohry A. 2025. Legume-based intercropping systems mitigate climate change In: Resilient Agroecosystems Innovations in Cropping Systems and Climate Change Mitigation. Springer publishing house. ISBN: 978-981-96-9630-7.
- .3 Zohry A. and Ouda S. 2024. Wheat: High Consumption and Unfulfilled Production. In: Integration of Legume Crops with Cereal Crops under Changing Climate: Sustainably Increases Food Production. Springer Publishing House. ISBN: 978-3-031-68101-1.
- .4 Zohry A. and Ouda S. 2024. Increasing Land and Water Use Efficiencies of Wheat: Case Study of Egypt. In: Integration of Legume Crops with Cereal Crops

- under Changing Climate: Sustainably Increases Food Production. Springer Publishing House. ISBN: 978-3-031-68101-1.
- .5 Ouda S. and Zohry A. 2024. Climate variability and change disturbs maize production In: Integration of Legume Crops with Cereal Crops under Changing Climate: Sustainably Increases Food Production. Springer Publishing House. ISBN: 978-3-031-68101-1.
- .6 Ouda S. and Zohry A. 2024. Legumes Improve Wheat and Maize Productivity Grown in Different Cropping Systems Under Changing Climate. In: Integration of Legume Crops with Cereal Crops under Changing Climate: Sustainably Increases Food Production. Springer Publishing House. ISBN: 978-3-031-68101-1.
- .7 Ouda S. and Zohry A. 2024. Assessment of the Impact of Climate Change on Rice Productivity: Modeling and Simulation Studies. In: Integration of Legume Crops with Cereal Crops under Changing Climate: Sustainably Increases Food Production. Springer Publishing House. ISBN: 978-3-031-68101-1.
- .8 Ouda S. and Zohry A. 2022. Water-Smart Practices to Manage Water Scarcity. In: Climate-Smart Agriculture: Reducing Food insecurity. Springer Publishing House. 978-3-030-93110-0.
- .9 Zohry A. and Ouda S. 2022. Soil-Smart Practices: Integrated Soil Fertility Management. In: Climate-Smart Agriculture: Reducing Food insecurity. Springer Publishing House. 978-3-030-93110-0.
- .10 Zohry A. and Ouda S. 2022. Fish Farms Effluents for Irrigation and Fertilizer: A Field and Modeling Studies. In: Climate- Smart Agriculture: Reducing Food insecurity. Springer Publishing House. 978-3-030-93110-0.
- .11 Zohry A. and Ouda S. 2022. Integration Between Crop-Smart, Water-Smart and Soil-Smart Practices. In: Climate- Smart Agriculture: Reducing Food insecurity. Springer Publishing House. 978-3-030-93110-0.
- .12 Ouda S. and Zohry A. 2022. Climate Extremes and Crops. In: Climate-Smart Agriculture: Reducing Food insecurity. Springer Publishing House. 978-3-030-93110-0.
- .13 Zohry A. and Ouda S. 2022. Climate-Resilient Crops. In: Climate-Smart Agriculture: Reducing Food insecurity. Springer Publishing House. 978-3-030-93110-0.
- .14 Ouda S. and Zohry A. 2022. Practices Contribute in Reduced Emission of Greenhouse Gases. In: Climate-Smart Agriculture: Reducing Food insecurity. Springer Publishing House. 978-3-030-93110-0.
- .15 Ouda S, Khalifa H, Mohamadin A, and Zohry A. (2022). Sustainable Use of Soil and Water Resources to Combat Degradation. In: Degradation of Soil and Water

- Resources: Regional Strategies for Assessing and Addressing a Lingering Global Issue. Science Press (China) and Springer Publishing House.
- .16 Zohry A., Ouda S and Sheha A. (2020). Quinoa and Cassava Crops to Increase Food Security in Egypt. In: Mitigating Environmental Stresses for Agricultural Sustainability in Egypt. Springer Publishing House. ISBN 978-3-030-64322-5.
- .17 Ouda S. and Zohry A. (2020). Water Scarcity Leads to Food Insecurity. In: Deficit irrigation: A Remedy for Water Scarcity. Springer Publishing House. ISBN 978-3-030-35585-2.
- .18 Zohry A. and Ouda S. (2020). Egypt Faces Water deficiency and Food Insufficiency. In: Deficit irrigation: A Remedy for Water Scarcity. Springer Publishing House. ISBN 978-3-030-35585-2.
- .19 Ouda S., Noreldin T. and Zohry A. (2020). Field crops and deficit irrigation in Egypt. In: Deficit irrigation: A Remedy for Water Scarcity. Springer Publishing House. ISBN 978-3-030-35585-2.
- .20 Ouda S., Noreldin T. and Zohry A. (2020). Vegetable crops and deficit irrigation in Egypt. In: Deficit irrigation: A Remedy for Water Scarcity. Springer Publishing House. ISBN 978-3-030-35585-2.
- .21 Zohry A. and Ouda S. (2020). Wheat insufficiency and deficit irrigation. In: Deficit irrigation: A Remedy for Water Scarcity. Springer Publishing House. ISBN 978-3-030-35585-2. In Press.
- Ouda S. and Zohry A. (2020) Climate change assessment in Egypt: A review. In: Deficit irrigation: A Remedy for Water Scarcity. Springer Publishing House. ISBN 978-3-030-35585-2
- .23 Ouda S. and Zohry A. (2020). Climate change and wheat self-sufficiency. In: Deficit irrigation: A Remedy for Water Scarcity. Springer Publishing House. ISBN 978-3-030-35585-2. In Press.
- .24 Ouda S. and Zohry A. (2018). Introductory Synopsis of the Natural Resources Involved in Food Production. In: Crop Rotation: An approach to Secure Future Food. Springer Publishing House. ISBN 978-3-030-05350-5.
- .25 Ouda S. Zohry A, and Noreldin T. (2018). Irrigation Scheduling to Maximize Water Utilization of the Crop Rotation. In: Crop Rotation: An approach to Secure Future Food. Springer Publishing House. ISBN 978-3-030-05350-5.
- .26 Zohry A. and Ouda S. (2018). Crop Rotation Increases Land productivity. In: Crop Rotation: An approach to Secure Future Food. Springer Publishing House. ISBN 978-3-030-05350-5.

- .27 Ouda S., Zohry A. and Noreldin T. (2018). Crop Rotation Maintains Soil Sustainability. In: Crop Rotation: An approach to Secure Future Food. Springer Publishing House. ISBN 978-3-030-05350-5.
- .28 Ouda S. and Zohry A. (2018). Crop Rotation Defeats Pests and Weeds. In: Crop Rotation: An approach to Secure Future Food. Springer Publishing House. ISBN 978-3-030-05350-5.
- .29 Zohry A. and Ouda S. (2018). Crop Rotation Could Diminish Summer Feed Gap in Egypt. In: Crop Rotation: An approach to Secure Future Food. Springer Publishing House. ISBN 978-3-030-05350-5.
- .30 Zohry A. and Ouda S. (2018). Crop Rotation Could Lessen Production-Consumption Gap of Edible Oils in Egypt. In: Crop Rotation: An approach to Secure Future Food. Springer Publishing House. ISBN 978-3-030-05350-5.
- .31 Zohry A. and Ouda S. (2018). Suggested Crop Rotations to Increase Food Security in Egypt. In: Crop Rotation: An approach to Secure Future Food. Springer Publishing House. ISBN 978-3-030-05350-5.
- .32 Ouda S. and Zohry A. (2018). Crop Rotation Could Alleviate Climate Change Damage. In: Crop Rotation: An approach to Secure Future Food. Springer Publishing House. ISBN 978-3-030-05350-5.
- .33 Ouda S. and A. Zohry. (2018). Introductory Overview of the Projected Distress. In: Cropping Pattern to Overcome Abiotic Stresses: Water, Salinity and Climate. Springer Publishing House. ISBN: 978-3-319-69879-3.
- .34 Ouda S. and A. Zohry. (2018). Water requirements for prevailing cropping pattern. In: Cropping Pattern to Overcome Abiotic Stresses: Water, Salinity and Climate. Springer Publishing House. ISBN: 978-3-319-69879-3.
- .35 Zohry A. and Ouda S. (2018). Prevailing Cropping Pattern. In: Cropping Pattern to Overcome Abiotic Stresses: Water, Salinity and Climate. Springer Publishing House. ISBN: 978-3-319-69879-3.
- .36 Zohry A. and Ouda S. (2018). Cropping Pattern to Increase Food Security. In: Cropping Pattern to Overcome Abiotic Stresses: Water, Salinity and Climate. Springer Publishing House. ISBN: 978-3-319-69879-3.
- .37 Ouda S. and A. Zohry. (2018). Cropping Pattern to Face Water Scarcity. In: Cropping Pattern to Overcome Abiotic Stresses: Water, Salinity and Climate. Springer Publishing House. ISBN: 978-3-319-69879-3.
- .38 Zohry A. and Ouda S. (2018). Cropping Pattern to Face Salinity Stress. In: Cropping Pattern to Overcome Abiotic Stresses: Water, Salinity and Climate. Springer Publishing House. ISBN: 978-3-319-69879-3.

- .39 Ouda S. and A. Zohry (2018). Cropping Pattern to Face Climate Change Stress. In: Cropping Pattern to Overcome Abiotic Stresses: Water, Salinity and Climate. Springer Publishing House. ISBN: 978-3-319-69879-3.
- .40 Ouda S. and A. A. Zohry (2017). Introduction. In: Future of Food Gaps in Egypt: Obstacles and Opportunities. Springer Publishing House. ISBN 978-3-319-46942-3.
- .41 Ouda S. and A. A. Zohry (2017). Crops Intensification to Reduce Wheat Gap in Egypt. In: Future of Food Gaps in Egypt: Obstacles and Opportunities. Springer Publishing House. ISBN 978-3-319-46942-3.
- .42 Zohry A. A. and S. Ouda (2017). Increasing Land and Water Productivities to Reduce Maize Food Gap. In: Future of Food Gaps in Egypt: Obstacles and Opportunities. Springer Publishing House. ISBN 978-3-319-46942-3.
- .43 Zohry A. A. and S. Ouda. (2017). Solution for Faba Bean Production-Consumption Gap. In: Future of Food Gaps in Egypt: Obstacles and Opportunities. Springer Publishing House. ISBN 978-3-319-46942-3.
- .44 Ouda S., A. A. Zohry and A. Kamel. (2017). Conclusion and Recommendations to Policy Makers. In: Future of Food Gaps in Egypt: Obstacles and Opportunities. Springer Publishing House. ISBN 978-3-319-46942-3.
- .45 Zohry A.A. and Ouda S. (2016). Crops Intensification to Face Climate Induced Water Scarcity in Nile Delta region. In: Management of Climate Induced Drought and Water Scarcity in Egypt: Unconventional Solutions. Springer Publishing House. ISBN: 978-3-319-33659-6.
- .46 Zohry A.A. and Ouda S. (2016). Upper Egypt: Management of High Water Consumption Crops by Intensification. In: Management of Climate Induced Drought and Water Scarcity in Egypt: Unconventional Solutions. Springer Publishing House. ISBN: 978-3-319-33659-6.
- .47 Ouda S., Zohry A. A. and Khalifa H. (2016). Combating Deterioration in Salt-affected Soil in Egypt by Crop Rotations. In: Management of Climate Induced Drought and Water Scarcity in Egypt: Unconventional Solutions. Springer Publishing House. ISBN: 978-3-319-33659-6.
- .48 Ouda S. and Zohry A.A. (2016). Significance of Reduction of Applied Irrigation Water to Wheat Crop. In: Major Crops and Water Scarcity in Egypt. Springer Publishing House.pp33-50. ISBN: 978-3-319-21770-3.
- .49 Taha A., Ouda S. and Zohry A.A. (2016). High Water Consuming Crops under Control: Case of Sugarcane Crop. In: Major Crops and Water Scarcity in Egypt. Springer Publishing House.pp85-96. ISBN: 978-3-319-21770-3.