Agnieszka Klimek-Kopyra, PhD

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Consultation hours: Monday 10 -12pm

Research interest:

- sustainable crop production
- intercropping, intra and inter- plant competition
- legumes and nitrogen fixation

Research experience:

Visiting Scholar - University of Natural Resources and Applied Life Science in Vienna, Austria (3 months), Mendel University in Brno, Czech Republic (1 month)

DSc, (Habilitation) (2018, Practical aspects of introducing intensification in pea cultivation by using coherent foliage fertilization and bacterial vaccination as well as innovative method of sowing)

PhD (2010, Natural and agricultural conditions of linseed cultivated in pure stand and mixture)

Professional profiles:

ORCID: https://orcid.org/0000-0002-7426-2420
Research Gate: https://www.researchgate.net/profile/Agnieszka_Klimek-Kopyra/publications
LOOP: https://loop.frontiersin.org/people/335002/overview
Google Scholar: https://scholar.google.com/citations?user=5h91K5YAAAAJ&hl=pl
Agri Expert: https://biography.omicsonline.org/poland/university-of-agriculture-in-krakow/agnieszka-klimekkopyra-185170

List of publications: 10 the Best from last 5 years

Dacko M., Zając T., Synowiec A., Oleksy A., **Klimek-Kopyra A**., Kulig B. 2016. New approach to determine biological and environmental factors influencing mass of a single pea (*Pisum sativum* L.) seed in Silesia region in Poland using a CART model. Europ Jour. Agron. 74:29-37.

Klimek-Kopyra A., Bacior M., Zając T. 2017. Biodiversity as a creator of productivity and interspecific competitiveness of winter cereal species in mixed cropping. Ecological Modelling. 343: 123-130.

Zając T., Synowiec A., Oleksy A., Macuda J., **Klimek-Kopyra A**., Borowiec F. 2017. Accumulation of biomass and bioenergy in culms of cereals as a factor of straw cutting height. International Agrophysics. 31: 273-285

Zając T., **Klimek-Kopyra A**., Mańkowski J., Oleksy A., Micek P. 2018. A comparison of the chemical composition of the seeds of linseed and pea cultivars grown in pure stand or mixture. Journal of Natural Fibers. 15: 1-9.

Oleksy A., Zając T., **Klimek-Kopyra A**., Pustkowiak H., Jankowski K. 2018. Relative siliques position in a crop layer as an indicato of yield and quality in Winter rape. Pakistan Journal of Agricultural Sciences . doi: 10.21162/PAKJAS/18.5050

Klimek-Kopyra A., Rębilas K. 2018. Dependence of pea root mass distribution on weather conditions under varying levels of phosphorus application. International Agrophysics 32: 365-53.

Neugschwandtner R., Bernhuber A., Kammlanders S., Wagentristl H., **Klimek-Kopyra A**., Kaul H.P. 2019. Yield Structure components of autumn- and-spring- sown pea (*Pisum sativum* L.). Acta Agriculture Scandinavica, Section B- Soil & Plant Science. (DOI: 10.1080/09064710.2019.1676463)

Neugschwandtner R., Bernhuber A., Kammlanders S., Wagentristl H., **Klimek-Kopyra A**., Kaul H.P. 2019. Agronomic potential of winter grain legumes for Central Europe: Development, soil coverage and yields. Field Crops Research 241: 107576.

Streda T., Haberle J., Klimesova J., **Klimek-Kopyra A**., Stredova H., Bodner G., Chloupek O. 2020. Field phenotyping of plant roots by electrical capacitance- a standardized methodological protocol for application in plant breeding: a Review. International Agrophysics 34: 173-184.

Gospodarek J., **Klimek-Kopyra A**., Rusin M. 2020. Suitability of NDVI index to pea condition evaluation at diverse phosphorus fertilization. Italian J. Agronomy 15: 1418.