

## 2<sup>nd</sup> K(C)lever Cover Cropping Symposium

# “Cover crops and below-ground processes”

Wednesday, 9th of October 2024

8:30-9:00 *Registration*

9:00-9:30 Welcome address

9:30-11:00 **Scientific talks: Cover crop carbon input and nutrient dynamics**

- Keynote: Insa Kühling (Kiel University) “Cover crop effects on nitrogen flows and GHG emissions”
- Koch et al. (IFZ Göttingen) “Effects of cover crop roots on soil structure”
- Kemper et al. (Bonn University) “Root growth of sole and mixed cover crops and transfer of shoot N during winter”

11:00-11:30 *Coffee break*

11:30-13:00 **Scientific talks: Cover crop carbon input and nutrient dynamics**

- Grunwald et al. (IFZ Göttingen) “Effects of cover crop roots on N nutrition of subsequent sugar beet”
- Hoppe, Hupe et al. (Kassel University) “Effects of different termination strategies on nutrient release from cover crops”
- Poster presentations/pitches

13:00-14:00 *Lunch snacks*

14:00-15:30 **Scientific talks: Cover crop effects on the soil microbiome and crop health**

- Keynote: Hans Helder (WUR) “Legacy effects of cover crops on the soil microbiome”
- Gentsch et al. (Hannover University) “How cover crops can steer microbial functions in soil”
- Papazlatani et al. (NIOO Wageningen) “Cover crops for stimulating indigenous soil microbes to produce pathogen suppressing volatiles: Solution or stumper?”

15:30-16:00 *Coffee break*

16:00-17:30 **Scientific talks**

- Hemkemeyer et al. (Rhine-Waal University of Applied Sciences) “Potato yield and quality are linked to cover crop and soil microbiome, respectively”
- Duchêne et al. (ISARA Lyon) “Identifying keys of success for relay intercropping of service crops in a winter cereal”
- Mellin et al. (UFZ Halle) “Intercropping for mitigating manure-based hazards to corn production”
- Poster presentations/pitches

17:30-18:30 *Drinks and poster session*

19:00 *Dinner at Venga (self paid)*