

Popular scientific project description for project funded by Ekhagastiftelsen

Popular scientific project description is to be submitted within 2 months of project grant.

Application number:	2020-31
Project title:	Participatory design of innovative lupin and soybean-based crop management for plant-based organic products - PADILSO
Receiver of grant (name, address):	Pierre Chopin, Department of Crop Production Ecology, ,Swedish University of Agricultural Sciences (SLU), Ekologocentrum,Ulls väg 16, 750 07 Uppsala
Contact / project manager:	Pierre Chopin – pierre.chopin@slu.se
Project start (yyyy-mm-dd): *	2021-01-01
Project end (yyyy-mm-dd): *	2023-12-29
By Ekhagastiftelsen granted sum:	1 400 000 SEK

Project description: (max 150 words)

We aim at increasing the organic production of soybean and lupin in Sweden by developing and testing these crops in collaboration with farmers. To do so, we will organize a workshop with several farmers in Skåne, Gotland and Uppland to discuss knowledge gaps in soybean and lupin production and design innovative crop management to address these gaps. Farmers will then test these crops and we will monitor the crop development during the crop season. Finally, an evaluation of the crop management will be done collectively. This three-step process will be repeated in 2022 where we expect the farmers to improve the management of the crops with their experience and knowledge exchanged within the groups. This process will help increase adoption of these two crops in organic cropping systems, which will benefit the fertility and diversity of organic systems and contribute to increasing consumption of locally produced organic protein crops.

* Dates for project start and end should be the dates for which the grant is received (Not dates for total project if longer than period for which grant is received)