



Česká zemědělská univerzita v Praze

**Fakulta agrobiologie,
potravinových a přírodních zdrojů**

DOKTORSKÝ STUDIJNÍ PROGRAM

PROPOSAL OF THEME

Studijní program/*Study Program*: **Crop Science**

Katedra/*Department of*: **agroekologie a rostlinné produkce**

Školitel (včetně titulů), email/*Supervisor, email*: **doc. Ing. Josef Hakl, Ph.D, hakl@af.czu.cz**

Konzultant (včetně titulů)/*Co-supervisor*:

Forma studia/*Form of Study*: **Full_time**

Typ tématu/*Type of Theme*: **Framework**

Theme: Options for sustainable improvement of forage yield and nutritive value for temperate forage crops

Annotation:

Forage production is one of the traditional branches of crops cultivation, covering a wide range from annual and perennial crops on arable land to permanent grassland. The field of evaluation of forage nutritional value stands on the border between plant and animal science. Research in forage science currently focuses on sustainable productivity growth, factors affecting the production and nutritional value of forage, technological innovations in fodder cultivation and traits monitoring, as well as objectified evaluation of non-productive functions of these stands. The topic is based on the selection of a specific area of research in relation to experimental basis within temperate zone and currently available financial support. The work includes the evaluation of field plot experiments or stationary meadow experiments and the necessary follow-up laboratory activities. The scope of work will be adjusted to the possibilities of the student and the department facility.

Source of: institutional support

Datum/*Date*: 13.1.2020

Podpis/*Signature*: