

**Área Científica**   **Sistemas Agrários: Produção e Sustentabilidade**

**Código** EUPHRESCO II **Início** 2013/10/09 **Termo** 2016/10/1

**Título** Epitrix (flea beetle) species, life cycles and detection method

**Programa** FP7 - 7º programa Quadro de I&DT **Medida** ERANET

**Instituição Líder** Food & Environment Research Agency

**Investigador Responsável INIAV** Maria da Conceição de Lemos Viana Boavida

**Orçamento Total** 445 000,00€

**Orçamento INIAV** 5 000,00€

**Parceria**

FERA	Food & Environment Research Agency	UK
INIAV	Instituto Nacional de Investigação Agrária e Veterinária, I.P.	Nacional
DASTI	Danish Agency for Science, Technology and Innovation	Dinamarca
SASA	Science and Advice for Scottish Agriculture	Escócia
ANSES	Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail	França

**Equipa**

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## Resumo

### Goals

To develop and determine molecular identification techniques. To successfully establish viable cultures of *Epitrix* spp. under laboratory conditions.

### Objectives

- Establish and maintain viable cultures of *Epitrix* spp. under laboratory conditions.
- Undertake short literature review to determine most appropriate chemicals for flea beetle control.
- Select most appropriate chemicals for assessment.
- Screen chemicals against various life stages of the flea beetle.
- Assess impact of potential soil drenches (chemical and/or biological) against soil dwelling life stage of beetle.
- Development of diagnostic assays.