

Master thesis at FiBL / NIBIO 2018 / 2019

Title	Vitamin requirements in organic livestock nutrition
Background	<ul style="list-style-type: none">• Different vitamins may be deficient in natural compounds• Therefore, they are added to livestock feeds together with minerals• This causes specific relevant challenges and problems in organic agriculture• There are no specific requirement definitions for livestock in organic agriculture, and conventional definitions are not up-to-date.• Open question: are we working with the proper requirement definitions and dosages for the different farm animals and vitamins?
Methodology	<p>A comprehensive literature review shall be conducted: scientific literature, case studies, national requirement definitions, and feeding recommendations will be included.</p> <p>Interviews with advisory services, feed suppliers and feed producers in Germany, Norway, Switzerland and the UK will help reveal a clear description of European practice in vitamin supplementation of organic livestock.</p> <p>Result will be a Master thesis and a publication.</p>
Whom we look for	<ul style="list-style-type: none">• Student of agriculture, biology or veterinary medicine with interest in animal nutrition and organic agriculture• Ability to carry out literature searches, to understand scientific literature and to build a literature database• Good English skills
Working place(s)	FiBL, Frick, Switzerland and/or NIBIO, Tingvoll, Norway
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Start date	October/November 2018; Duration 5 months