

Hop harvest residues: Options for effective usage in terms of nitrogen efficiency

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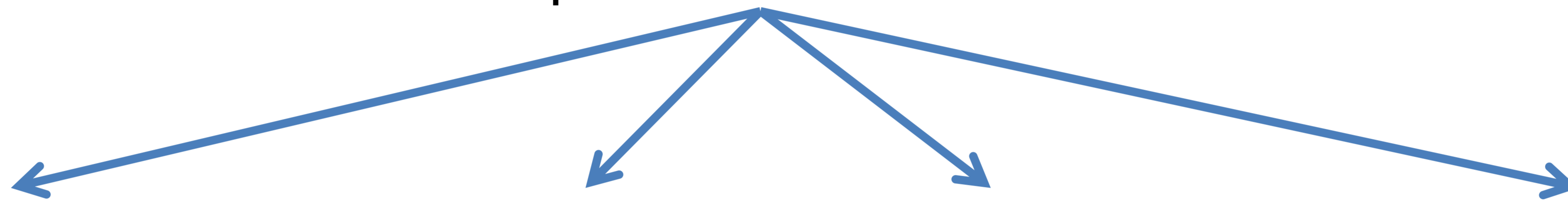
Objective:

- Assessment of environmental risks when hop harvest residues are applied after harvest
- Determination of process parameters for a proper composting
- Comparison of different recycling options regarding nitrogen-efficiency
- Valuation of the different methods in terms of economy, ecology and practicability

Methods:

- Small-scale composting trials
- Practical trials for recycling hop harvest residues
- Plot trials with rye
- Field trials in hops

hop harvest residues



aerobic compost

MC-compost
(microbial carbonization)

silage

usual deposition



application of generated harvest-residue-composts and -substrates to field trials



plot trials with rye



field trials in hops