



Training in organic breeding

Module 15: **Hot Water Treatments for Seed Health**

Unit 15.0: **Introduction**

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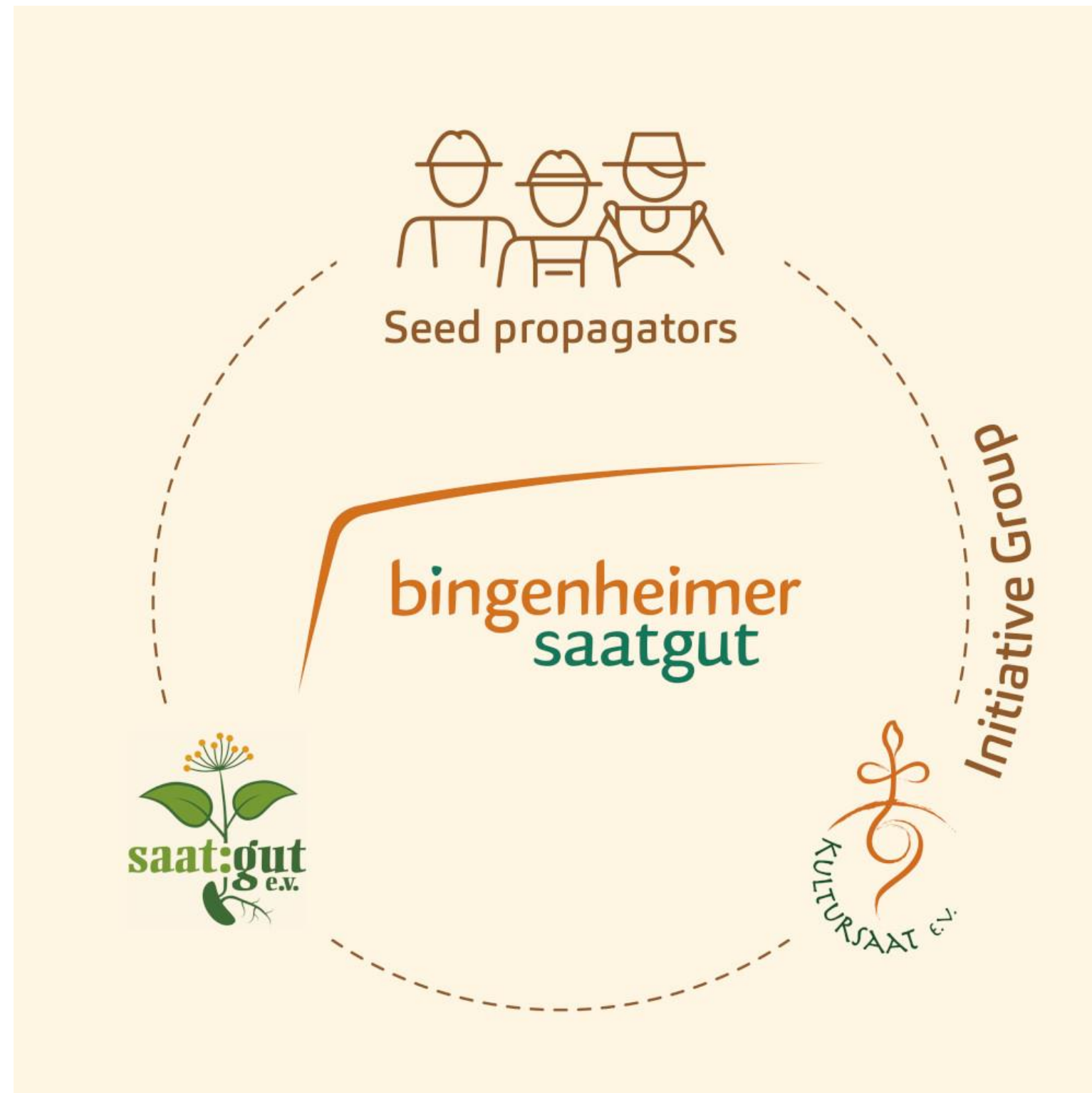


Ökologisch.
Partnerschaftlich.
Lebendig.

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Bingenheimer Saatgut AG

Part of a vibrant network



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1975: idea of committed gardeners => foundation "**Initiative Group for Vegetable Seeds from Biodynamic and Organic Breeding**"

1985: Founding Allerleirauh GmbH: Sales, processing and packaging

1994: the Kultursaat Association was founded to promote the development of new vegetables varieties for the professional organic farmers

2001: Foundation of **Bingenheimer Saatgut AG**

The logo for Bingenheimer Saatgut AG, featuring the word "bingenheimer" in orange and "saatgut" in green, both in a lowercase sans-serif font.

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Bingenheimer Saatgut AG

- > **100** permanent employees, plus seasonal workers
- **12** departments
- > **500** open pollinating varieties of vegetables, herbs, flower seeds and green manure
- > **90 varieties** from the Kultursaat
- **1 ha** outdoor and **110m²** greenhouses
- > **115,000** customers
- as of 2017 we deliver to **50 countries worldwide**



Seeds
Where it all begins and ends

Training Module 15: Hot Water Treatments for Seed Health

- **15.1 Seedborne and seed-transmitted diseases**
 - Definitions, examples, and relevance for seed health
- **15.2 Contamination thresholds and detection**
 - ISTA standards, detection methods, practical thresholds
- **15.3 Hot Water Treatment at BSAG: General considerations & process**
 - Principles, risks, step-by-step overview
- **15.4 Hot Water Treatment at BSAG: Technical indications**
 - Equipment, conditions, species-specific notes
- **15.5 Quiz & Discussion**
 - Test your knowledge and reflect on key take-home points



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