

CONSULTATION FOR SOIL AND WATER PROTECTION - KNOWLEDGE TRANSFER FROM THEORY TO AGRICULTURAL PRACTICE

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CONTENT OF THE PRESENTATION

- the consultation for soil- and waterprotection
- Water quality in Upper Austria
- catch crops
- erosion
- projects



AIMS OF THE BODEN.WASSER.SCHUTZ.BERATUNG

- sustainable soil protection
- securing a sustainable supply of drinking water
- reduction of
 - nitrate pollution in the ground water
 - nutrient pollution in the surface water
 - substances in the surface water caused by erosion
 - pesticide contamination in surface and ground water



The business card features a light green background. At the top left is the logo for 'lk Landwirtschaftskammer Oberösterreich'. In the center is the 'b w' logo for 'BODEN.WASSER.SCHUTZ BERATUNG Im Auftrag des Landes OÖ'. Below this is a large image of a green leaf with water droplets. On the right side, there are four small square images with labels: 'Bodenschutz' (soil protection), 'Oberflächengewässerschutz' (surface water protection), 'Grundwasserschutz' (groundwater protection), and 'Gewässerschonender Pflanzenschutz' (water-saving plant protection). At the bottom, contact information is provided in a white box.

lk Landwirtschaftskammer
Oberösterreich

b w BODEN.WASSER.SCHUTZ
BERATUNG
Im Auftrag des Landes OÖ

Bodenschutz

Oberflächengewässerschutz

Grundwasserschutz

Gewässerschonender Pflanzenschutz

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This is us

SCALE^{UP}
community-driven
bioeconomy development



THE ORGANISATION

- located at the Chamber of Agriculture
- financed by the State government of Upper Austria
→ USP: combine two points of view: Water management and the agricultural perspective
- Homepage: www.bwsb.at ; Facebook & Instagram
- Newsletter (weekly); registration on the Homepage



CONSULTING

- **working groups for soil- and waterprotection:**
56 wg's, 41 „Wasserbauern“ – heads of the wg's,
2.389 members
- three-stages approach:
 - **Consultor**
 - „**Wasserbauer**“ = head of working group
 - **Working group member**



CONSULTATION

- **personal**
 - meeting at the Chamber o. A.
 - at the farmhouse
 - phone, e-m@il, online
- **events, conferences**
 - Boden.Wasser.Schutz.Tagung
 - field demonstrations, fairs, working groups
 - meetings of local farming communities
 - courses, webinars, videos, podcasts
 - ...



MAIN FOCUS: SOILPROTECTION

- catch crops
- liming
- humus management
- crop rotation
- erosion
- tillage
- soil compaction
- recultivation



MAIN FOCUS: WATERPROTECTION

- implementation of the Upper Austrian Pesticide strategy
- consulting for contaminated water suppliers
- fertilizer management
 - Farmmanagement tool
- integrated pest management
- distance requirements near surface waters
- reduction of the phosphate and sediments input



BENEFITS OF CATCH CROPS (COVER CROPS, FORAGE CROPS)

- between 2 main crops
- humification
 - biological retention of nitrogen residual
 - erosion protection
 - food for the life in the soil
 - Nitrogen through legumes
 - insect habitat
 - weed suppression



EROSION PROTECTION IN PRACTICE

- project together with farmers
- plate with information about the measures
- information for other farmers and the public



LATEST ACTIVITIES

- digitalization – cooperate with different institutes
- Agriculture 4.0: cameras, UAV's, application maps
- New Farmmanagement tool
- Adaptation strategies to climate change
- Agricultural emissions (NH₃, CH₄ ...)
- efficient fertilization
- experimentals at plant production
- co working to new Austrian agricultural program





soil suitcase
www.bodenkoffer.at



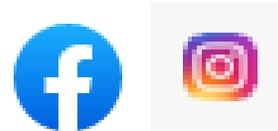
INFORMATION IS IMPORTANT!



THANK YOU FOR YOUR ATTENTION

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PROJECT PARTNERS



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