

# ATC – Agro Trial Center GmbH



## Capabilities and Operation



# Company Profile



Independent contractor for field trials in Central Europe

Major services are bioefficacy and residue studies to support

- ❖ Product development
- ❖ Registration
- ❖ Marketing

GLP and GEP certificated

Locations

- ❖ Field stations in Gerhaus (ATC Gerhaus, Austria) and Uherský Ostroh (Czech Republic)
- ❖ Trial locations in Austria, Hungary, Czech Rep. and Slovakia



# History



## Gerhaus Field Station

- 1986 Austrian Maize Unit founded by STAUFFER Chemicals  
- Fixed site to test maize herbicides for Central & East Europe
- 1988 Take-over by ICI  
- Austrian Field Unit, widen spectrum of crops
- 1993 Integration to Int. Field Biology (IFBSS)  
- Austrian Field Station,  
int. research & development facility  
of ZENECA Agrochemicals
- 2001 Foundation ATC – Agro Trial Center GmbH  
- Independent contractor for field testing



# Crops & Targets

## Crops on-site

- ❖ know-how and equipment for cultivation of all important European arable crops:  
*Major crops: cereals, maize, sugarbeet, potatoes, sunflower, OSR, poppy, soybean, peas and beans*  
*Minor crops: pumpkin, field vegetables, ..*
- ❖ special crop safety tests (multi crop/varieties), carry-over studies, ..

## Crops off-site

- ❖ in addition to on-site crops:  
*grapevine, orchards, ornamentals*



# Crops & Targets

## Herbicide trials

- ❖ sowing techniques for more than 60 species - a range of designs can be offered (single rows, bands, broadcast)
- ❖ powerful irrigation facilities - essential for homogeneous weed and crop stands, soil acting herbicides, rain fastness studies, ..
- ❖ perennial weed beds available (*AGRRE*, *SORHA*, *CONAR*)
- ❖ weed seed production





# Crops & Targets

## Fungicide trials

- ❖ experience with more than 50 important diseases in arable crops, field vegetables, vine and orchards
- ❖ actions done to support development of diseases:
  - irrigation
  - inoculation (spore solutions, infected plant material, infection stripes)
  - susceptible varieties
- ❖ seed treatment trials



# Crops & Targets

## Insecticide trials

- ❖ experience with more than 40 important pests
- ❖ actions to support a dense and homogeneous pest population:
  - infection stripes
  - establishment of intermediate hosts
- ❖ various application methods available  
(spray, soil granule application, ..)
- ❖ seed treatment trials





# Seed Trials

- ❖ variety trials in arable crops and vegetables testing the
  - agronomic performance
  - yield
  - quality
- ❖ disease resistance tests
  - at natural infestation conditions or
  - with artificial infestation using irrigation and inoculation (spore solutions, infected plant material, infection stripes)
- ❖ weed suppression tests
  - at natural infestation
  - with artificial weed infestation
- ❖ seed treatment trials
- ❖ demonstration platforms



# Capabilities



## Range of service

### ❖ Agrochemicals

- product characterisation
- product optimisation (formulation, ..)
- tech. service trials (mixture compatibility, rain fastness, carry-over, ..)
- demonstration platforms
- non target organism studies (plant outdoor)
- GEP efficacy and crop safety trials
- GLP residue trials (plant and soil)

### ❖ Seed

- variety trials
- seed treatment trials

### ❖ Special services

- trial set-up, harvest, weed seed supply, ...

