



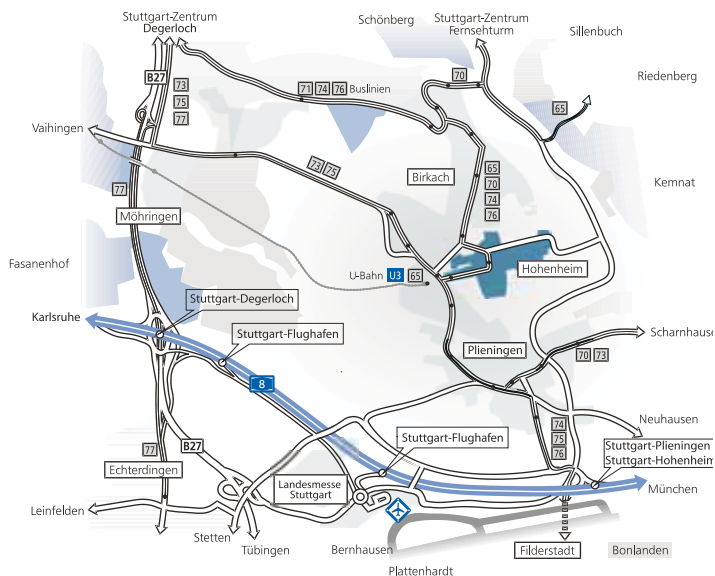
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**CLAAS**

**Location: Aula
Schloss Hohenheim**

UNIVERSITÄT HOHENHEIM



Conservation Agriculture: Building Block for a Sustainable Bio-Economy

May 13, 2014



Global Perspectives and Insights from South America



SUSTAINABLE BIO-ECONOMY

The transition to a bio-based economy requires a sustainable increase in agricultural production worldwide. Meeting this challenge depends on enhanced soil fertility management as well as an increase in the energy-efficiency of agricultural production. Conservation agriculture, which is based on the principles of minimal soil disturbance, permanent soil cover and crop rotations, offers a considerable potential in this regard. This seminar presents a global perspective on the state of conservation agriculture as well as special insights from Latin America, which has the highest adoption rates for conservation agriculture worldwide. The workshop places conservation agriculture in the context of the rising bioeconomy and features international and Latin American experts, who have played a leading role in developing and promoting conservation agriculture.

This seminar is organised by the Chair of Process Engineering in Plant Production, Prof. Dr. K. Köller and the Chair of Social and Institutional Change in Agricultural Development, Prof. Dr. R. Birner and the Center for Agriculture in the Tropics and Subtropics of the University of Hohenheim.

10:30 **Registration and coffee**

11:00 **Welcome address and opening of the seminar**
Prof. Dr. Karlheinz Köller, Chair of Process Engineering in Plant Production, University of Hohenheim

11:10 **The Rise of the Global Bio-Economy: New Opportunities for Conservation Agriculture**
Prof. Dr. Regina Birner, Chair of Social and Institutional Change in Agricultural Development, University of Hohenheim, Member of the Bioeconomy Council of the German Federal Government

11:30 **Global Perspectives on Conservation Agriculture and the FAO "Save and Grow" Concept**
Josef Kienzle, Agricultural Engineer (Mechanization and Institutions), Food and Agriculture Organization of the United Nations (FAO; Rome) – Plant Production and Protection Division

Discussion

12:30 **Lunch (Mensa)**

13:30 **Experiences from South America with Conservation Agriculture / No-Till**
Rolf Derpsch, Freelance Consultant, former Senior Advisor, German Agency for Development Cooperation (GIZ)

14:00 **No-Till: An Option or a Question of Survival?**
Herbert Bartz, Farmer, Rolandia, Brazil

14:30 **Stubble over the Soil: Minimum or No-Tillage**
Carlos Crovetto, Director CEDECCLA (No till Development Center) Chequen Farm, Chile

Discussion

15:30 **Coffee break**

16:00 **Increasing Water Use-Efficiency in Drought Prone Environments with Conservation Agriculture**
Dr. Kurt Steiner, former Senior Advisor, German Agency for Development Cooperation (GIZ), Founder of the African Conservation Tillage Network

Discussion

17:00 **End of the seminar**