The typical German farm DE360OW in the context of its region

### Arable farming in Germany

#### Percentage share of rapeseed acreage per arable land in 2007

- **Source:** KTBL 2010, agri benchmark 2010

#### Land use in Germany 2008

- **Source:** Statistisches Bundesamt 2010

### Agricultural land use in Germany

- **Source:** Statistisches Bundesamt 2010

### Percentage share of wheat acreage per arable land in 2007

- **Source:** Statistisches Bundesamt 2010

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#### The typical farm DE360OW in the region Ostwestfalen

**Region “Ostwestfalen”** (green shaded area, see map) in northwest Germany consists of 6 counties: Herford, Bielefeld, Lippe, Höxter, Minden-Lübbecke (only to 30% since hilly) and Paderborn (only to 30% since low land close to river).

### General information

- **Region:** Ostwestfalen, Northwest Germany
- **Type of farm:** Cash crop farm
- **Other enterprises:** Management human resources, machinery, feeds, greenhouse
- **Crop rotation:** Winter rapeseed, winter wheat, barley, winter rape, sugarbeets, potato
- **Size of farm:** 360 ha
- **Setup:** 2 managers

### Natural conditions

- **Soil type:** Sandy loam
- **Relief:** Plains
- **Average precipitation per year:** 600 mm
- **Temperature:** 1-17°C across the year

### Mean climate data 1978 - 2008 Ostwestfalen

- **Temperature:** 100°C
- **Precipitation:** 140 mm
- **Duration of sunshine or cumulative temperature:** From 0°C to 220°C

### Description of the typical farm

**The typical farm DE360OW was designed as a cash crop farm with substantial agricultural production.**

**The major share (78%) of the land DE360OW cultivated is rented. Costs for rented land amount to 400 Euro/ha for old and 500 Euro/ha for new renting contracts. On average renting contracts are signed for 10 years.**

- With 2,500 hours per year, performed by the farm manager and his part-time worker, the farm has an average 7 working hours available per ha. The labor costs assumed for the farm manager are 87% higher than for his employee.

#### First rotation DE360OW

- DE360OW performs its cash crop farming in two rotations – one with sugar beets and one with rapeseed. Besides these specific crops, winter wheat dominates in both rotations with 50% since it is grown twice. Wheat which comes after wheat realizes a slightly lower yield. All crops are harvested by specialized contractors in order to minimize costs for harvest machinery.

#### Second rotation DE360OW

- The climate is between 40 and 200 hours per month, depending on the season.