### Farmographics

#### Type of data collection
- **Handwritten**: 56%
- **Digital**: 36%
- **Other**: 15%
- **No record**: 5%

#### Recording of soil conditions & crop development data
- By hand on the field: 70%
- GPS-Surface measurement: 17%
- GPS-Grid sampling: 11%
- GPS-Selective sampling: 7%
- GPS-Mapping System: 4%

#### Site-specific crop management
- Digital only: 5%
- Manual only: 44%
- Both: 44%
- Not used: 49%
- Don't know: 0%

#### Recording of... Machine Hours
- Handwritten: 26%
- Digital: 13%
- Other: 7%
- No record: 5%

#### Application Rates
- Handwritten: 59%
- Digital: 54%
- Other: 4%
- No record: 0%

#### Top 5 arable crops
- Winter wheat: 75%
- Winter barley: 57%
- Maize: 48%
- Winter rape: 42%
- Winter barley: 38%

#### Turnover Distribution
- Arable farming: 82%
- Livestock: 51%
- Energy production: 22%
- Intensive livestock: 16%
- Specialty crops: 10%
- Others: 7%

#### Tractor equipment
- ISOBUS-ability: 40%
- Track Guiding System (GPS): 26%
- Automatic steering system: 20%
- Terminal to record operating data: 22%
- RTK-Signal / Correction (Real Time Kinematic): 12%

#### Machine ownership
- Tillage: 95%
- Fertilizer application: 92%
- Sowing: 89%
- Crop protection product application: 83%
- Harvest: 61%
### Demographics

- **Gender:**
  - Male: 9%
  - Female: 9%

- **Calculated farm size:**
  - 1,890 ha
  - Total agricultural land: 158,794 ha

- **Age distribution:**
  - <25 years: 21%
  - 25 - 35 years: 19%
  - 36 - 45 years: 30%
  - 46 - 55 years: 21%
  - >55 years: 2%
  - Don’t know / No answer: 27%

- **Data collection method:**
  - Handwritten: 31%
  - Digital: 57%
  - Other: 16%
  - No record: 8%

- **Task recording:**
  - Machine hours: 44%
  - Application rates: 39%

- **Software used:**
  - Excel: 23%
  - Google Sheets: 31%
  - Other: 16%
  - No record: 16%

- **Ownership of equipment:**
  - Yes: 8%
  - No: 91%

- **Education level:**
  - Apprenticeship: 28%
  - Technical school: 22%
  - Master certification: 21%
  - University: 20%
  - Others: 4%
  - School only: 1%

- **Tractor equipment:**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Ownership</th>
<th>Investment planned</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOBUS-ability</td>
<td>79%</td>
<td>100%</td>
</tr>
<tr>
<td>Track Guiding System (GPS)</td>
<td>65%</td>
<td>89%</td>
</tr>
<tr>
<td>Automatic steering system</td>
<td>57%</td>
<td>81%</td>
</tr>
<tr>
<td>Terminal to record operating data</td>
<td>58%</td>
<td>77%</td>
</tr>
<tr>
<td>RTK-Signal / Correction (RTK)</td>
<td>39%</td>
<td>58%</td>
</tr>
<tr>
<td>None of this</td>
<td>6%</td>
<td></td>
</tr>
</tbody>
</table>

- **Crop protection:**

<table>
<thead>
<tr>
<th>Crop Protection</th>
<th>Apprenticeship</th>
<th>Technical school</th>
<th>Master certification</th>
<th>University</th>
<th>Others</th>
<th>School only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rate</td>
<td>28%</td>
<td>22%</td>
<td>21%</td>
<td>20%</td>
<td>4%</td>
<td>1%</td>
</tr>
</tbody>
</table>

- **Site-specific crop management:**

<table>
<thead>
<tr>
<th>Task</th>
<th>Manual only</th>
<th>Digital only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fertiliser</td>
<td>15%</td>
<td>6%</td>
</tr>
<tr>
<td>Sowing</td>
<td>48%</td>
<td></td>
</tr>
<tr>
<td>Crop protection</td>
<td>38%</td>
<td></td>
</tr>
<tr>
<td>Tillage</td>
<td>33%</td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td>5%</td>
<td></td>
</tr>
</tbody>
</table>

- **Supervised agricultural land:**

  - 1,890 ha
  - 158,794 ha

### Technical equipment

- **Tractor equipment:**
  - ISOBUS-ability: 79%
  - Track Guiding System (GPS): 65%
  - Automatic steering system: 57%
  - Terminal to record operating data: 58%
  - RTK-Signal / Correction (Real Time Kinematic): 39%
  - None of this: 6%

- **Machine ownership:**

<table>
<thead>
<tr>
<th>Task</th>
<th>Ownership</th>
<th>Investment planned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harvest</td>
<td>86%</td>
<td></td>
</tr>
<tr>
<td>Fertilizer application</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sowing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tillage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crop protection product</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>