VitiMeteo forecasting tools on www.agrometeo.ch


15.10.2013, Ascona
Risk prediction and management for Swiss agriculture

• Agrometeo is
  • database (weather data, observations)
  • models for diseases and pests
  • website

• www.agrometeo.ch
  • All information useful for risk forecasting and management
    • decision support systems (DSS) for diseases and pests
    • observations
    • tools
    • Information
153 weather stations grouped in 9 regions:

- Eastern Switzerland: 29 stations
- North-western Switzerland: 14 stations
- Central Switzerland: 17 stations
- Western plateau: 17 stations
- Lake Geneva Region: 18 stations
- Geneva: 11 stations
- Valais: 20 stations
- Ticino: 8 stations
- Rhine Valley: 19 stations

VitiMeteo forecasting tools on www.agrometeo.ch | IOBC WPRS Meeting, Ascona
Dubuis PH et al.
VitiMeteo forecasting tools on www.agrometeo.ch | IOBC WPRS Meeting, Ascona

Dubuis PH et al.
Agrometeo – yearly visits increase

Number of visits per year

<table>
<thead>
<tr>
<th>Year</th>
<th>Visits</th>
<th>Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>40000</td>
<td>+68%</td>
</tr>
<tr>
<td>2007</td>
<td>50000</td>
<td>+37%</td>
</tr>
<tr>
<td>2008</td>
<td>55000</td>
<td>+11%</td>
</tr>
<tr>
<td>2009</td>
<td>58000</td>
<td>+7%</td>
</tr>
<tr>
<td>2010</td>
<td>60000</td>
<td>+11%</td>
</tr>
<tr>
<td>2011</td>
<td>66000</td>
<td>+22%</td>
</tr>
<tr>
<td>2012</td>
<td>74000</td>
<td>+9%</td>
</tr>
</tbody>
</table>
Seasonal access to Agrometeo

![Bar chart showing seasonal visits to Agrometeo in 2011](chart.png)

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Dubuis PH et al.
New website evaluation (15.03–30.09.2013)

- 26’763 unique visitors
- 73.9% of the visits are made by returning visitors
- Bounce rate 29.7% (only one page consulted)
- 92’897 visits
- Average length of a visit: 3 min 27s
First season (1\textsuperscript{st} April – 29\textsuperscript{th} August 2013)

The most accessed modules (unique page view)

1. Downy mildew (27’037 D + 24’569 Fr + 5’351 It)
2. Powdery mildew (8’770 Fr + 5’057 D + 1’689 It)
3. Weather data (8’545 Fr + 4’259 D + 364 It)
4. Apple scab (4’720 D + 4’219 Fr + 206 It)
5. Weather graphs (4’395 Fr + 2’841 D + 394 It)

Fr = French, D = German, It = Italian
Coming soon…

1. Mobile version for Smartphone
2. Grape berry moth monitoring module (database and graphs)
3. New model for apple scab (online in 2014)
4. Crop adapted spraying: additional module for nozzle flow calculation and nozzle choice
Thank you for your attention

Come and discover [www.agrometeo.ch](http://www.agrometeo.ch) by yourself at the stand at the entrance of the congress hall