Crop observations for Lettuce

Bremia lactucea.

Crop emergence

Dacom code: **Emergence %** (equals planting data) or **Start of disease control**

Fill in **once** 100% when crop is emerging or planted. No advice will be calculated if crop emergence is not entered.

Crop protection

Select last applied chemical from the list and enter amount used in per Ha or acre before calculating new advice. A full dosage (100% protection) sets the amount of unprotected crop to 0.

Irrigation

By recording Irrigation (overhead type irrigation), the leaf wetness period will be altered. Enter **Irrigation** as the recording type and **Water (mm)** under the observation heading.

Crop cover

Dacom code: **Crop density (0-10)** Fill in weekly

The density influences the leaf wetness calculation and is based on a visual evaluation of the field or bed by foliage.

Crop density	Value
0-10%, open crop, just planted	1
20% cover	2
30% cover	3
40% cover	4
50% cover	5
60% cover	6
70% cover	7
80% cover	8
90% cover	9
100%, very dense crop	10

Crop growth

Dacom code **Crop growth (0-10)** Fill in weekly

This value changes the gradient of the growth line in the disease advice graphics which illustrates un-protected leaf. Value is based on a visual evaluation of the crop, the weekly change should be noted and compared with the table below.

Increase	Diameter		Value
3%	1,2 cm	Very little growth	1
6%	2,4 cm		2
9%	3,6 cm	Slow growth	3
12%	4,8 cm		4
15%	6,0 cm		5
18%	7,2 cm	Moderate growth	6
21%	8,4 cm		7
24%	9,6 cm	Fast growth	8
27%	10,8 cm		9
30%	12 cm	Very fast growth	10

Presence of the disease

Dacom code: **Presence of Bremia lactucea (1-10)** Fill in when applicable

Increases the sensitivity of the model.

Observation	PP value
No infection, but heavy showers or irrigation	1
First signs of Bremia lactucea in the area	2
No infection in the crop, heavily infected fields in the area	4
1-3 % of the plants with infected leaves	6
3-5 % of the plants with infected leaves	7
5-10 % of the plants with infected leaves	8
10-20 % of the plants with infected leaves	8
20 % < of the plants with infected leaves	9
Heavy infections over the whole field	10