



Crop observations for strawberries

Botrytis cinerea and Sphearotheca macularis.

Crop emergence

Dacom code: **Emergence %** 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.

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

Crop growth

Dacom code **Crop growth (0-10)**

Fill in weekly

This value changes the gradient of the growth line in the graphics illustrating un-protected leaf.

Crop growth	Value
Very little growth	1
Slow growth	3
Moderate growth	6
Fast growth	8
Very fast growth	10





Fruit and flower development

Dacom code: **Crop stage (1-10)** Fill in weekly

The flowering and fruit development sensitises the Botrytis the model.

Crop stage	BBCH value	Dacom value
Development of stolon/runner formation	41	1
First flower buds emerged	57	2
Early balloon stage, first flowers with petals forming	58	3
Most flowers with petals forming a hollow ball	59	4
First flowers open (primary flower)	60	5
Full flowering, first petals falling	65	6
Majority of petals fallen	67	7
First fruits appear, note flowers still might be present	71	8
Main fruit growth, note flowers still might be present	73	9
Beginning of ripening, note flowers still might be present	81	10

Senescence

Dacom code: **Senescence (1-10)** Fill in when applicable

Increases the sensitivity of the model.

Senescence condition of crop	Value
Young plants, no old leaves	1
Ever bearing crop, no old leaves	2
Lower leaves yellowing	3
Several dead leaves	4
Less than 1% dead leaves	5
1% of leaves dead	6
2% of leaves dead	7
3% of leaves dead	8
5% of leaves dead	9
More than 5% of leaves dead	10

Presence of the disease

Dacom code: **Presence of Botrytis cinerea (1-10)** Fill in when applicable
Presence of Sphearotheca macularis (1-10) Fill in when applicable

Increases the sensitivity of the model.

Observation	Value
No visible infection	1
Low infection pressure in the area	2
Few infected spots in the area	3
Heavy infected fields in the area	4
One area in the field with low infection levels	5
More than one area in the field with low infection levels	6
Plants with low and severe conditions	7
Infections in the tops of the leaves	8
Heavy localised infections in the crop	9
Heavy infections over the whole field	10