



Crop observations for tomatoes

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 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	BBCH ¹ Code	Dacom value
Planting	12	1
10% cover		2
25% cover	61	3
35% cover		4
50% cover, rows start to close	71	5
75% cover		6
100% cover		7
5% lodged		8
50% lodged		9
100% lodged, very dense crop	81	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

¹ Crop stage scale developed by BASF, Bayer, Ciba-Geigy and Hoechst





Crop stage

Dacom code

Crop stage (1-10)

Fill in weekly

The crop stage influences the sensitivity to **Alternaria solani**.

Crop stage	BBCH code	Dacom value
Sprouting	05	1
Crop emergence	09	2
Development of leafs on main shoot	17	3
Formation of side shoots	25	4
First inflorescence	51	5
Developing flower buds	52-59	6
Flowering stage	61-69	7
Developing of fruit	71-79	8
Ripening of fruit and seed	81-89	9
Senescence of crop	97	10

Presence of the diseases

Dacom code:

Presence of Phytophthora infestans (1-10)

Presence of Botrytis cinerea (1-10)

Presence of Alternaria solani (1-10)

Fill in when applicable

Increases the sensitivity of the models.

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
First sign of infected plants in field/greenhouse	5
Several plants with light infested leaves	6
Several areas in the field/greenhouse with a low infestation	7
Several areas with low and heavy infestations the field/greenhouse	8
Several areas with heavy infestations in the crop	9
Heavy infestations throughout the whole field/greenhouse	10

