



Summary of necessary crop recordings for carrots

For other crops consult your Dacom dealer.

Crop emergence

Dacom code: **Emergence %** Fill in once 100% when crop is emerging.

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.

Crop cover

Dacom code: **Crop density (0-10)**

Fill in weekly

The density influences the leaf wetness calculation.

Crop density	Value
Cotyledon stage	1
1-3 true leaves	2
25% cover	3
40% cover	4
50% cover	5
70% cover	6
90% cover	7
Fresh full canopy	8
Mature full canopy	9
Dense lodged canopy	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

Senescence

Dacom code: **Died off %**

Fill in weekly when applicable

Increases the sensitivity of the Alternaria dauci model.

Senescence condition of crop	Value
No old leaves	0
1% dead leaf	1
2% dead leaf	2
3% dead leaf	3
4% dead leaf	4
Etc.	





Crop development stage

Dacom code: **Crop stage (1-10)** Fill in weekly
 The crop stage influences the sensitivity to *Alternaria dauci*.

Crop stage	Value
Cotyledon stage	1
3 rd true leaf unfolded	2
6 or more true leaves unfolded	3
Main period of leaf expansion	4
Root beginning to expand	5
30% of root diameter reached	6
First lodging of lowest leaves	7
Fresh full canopy with over mature lodging leaves	8
Mature full canopy with over mature lodging leaved	9
Heavy lodged canopy	10

Presence of infections

Dacom code: **Presence of *Alternaria dauci* (1-10)** Fill in when applicable
Presence of *Cercospora carotea* (1-10)
Presence of *Erysiphe heraclei* (1-10)
 Increases the sensitivity of the model

Observation	Value
First sign of disease in 25km radius	1
No infection in the crop but a few infected plants in the area	2
No infection in the crop but several infected plants in the area	3
No infection in the crop but more than 25 infected plants in the area	4
No infection in the crop but wind favourable for disease spread	5
Disease found in the crop, less than 1% infected foliage	6
Disease found in the crop, 1- 2% infected foliage	7
Disease found in the crop, 2-5% infected foliage	8
Disease found in the crop, 5-10% infected foliage	9
Disease found in the crop, >10% + infected foliage	10

Presence of Sclerotinia

Dacom code: **Presence of *Sclerotinia sclerotiorum* (1-10)** Fill in when applicable
 Increases the sensitivity of the model.

Observation	Value
No Sclerotinia present	0
No infection in crop, infections known in the area	3
No infection in the field, known infection in the past	5
Apothetia found in the field	7
First symptoms found in the field	8
Infestation of Sclerotinia in the field	10

Irrigation

Dacom code: **Water (mm)**

By recording irrigation, the leaf wetness period will be altered.
 Enter irrigation as the recording type and fill in the irrigated amount of irrigation in mm under the observation tab.
 When entering the value it is important that the correct time of application is entered.

