



Summary of necessary crop recordings for potatoes

For other crops consult your PLANT-Plus 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 according to table after visual evaluation of field.

The density influences the leaf wetness calculation.

Crop density	Value
Emergence	1
10% cover	2
25% cover	3
35% cover	4
50% cover	5
75% cover	6
100% cover	7
5% lodged	8
50% lodged	9
100% lodged	10

Crop growth

Dacom code **Crop growth (0-10)** Fill in weekly according to table based on changing haulm length.

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

Crop growth in cm per week	Value
0 cm increase	0
2 cm increase	1
4 cm increase	2
6 cm increase	3
8 cm increase	4
10 cm increase	5
12 cm increase	6
14 cm increase	7
15 cm increase	8
18 cm increase	9
20 cm increase	10

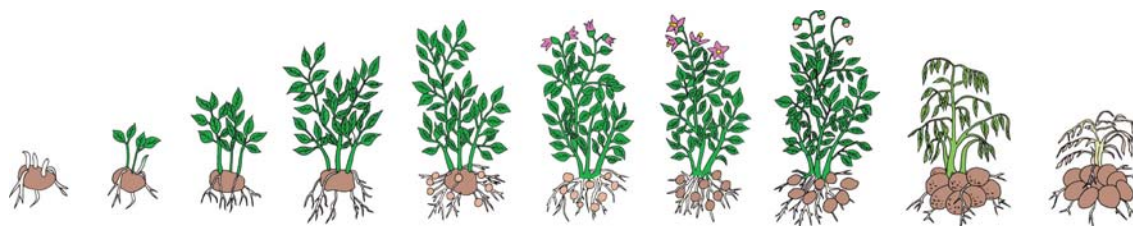




Crop stage

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

Crop stage	PP observation value
Sprouting	1
Crop emergence	2
Developing leafs and stems	3
Growth in crop length	4
Closing crop canopy	5
Developing flower buds	6
Flowering stage	7
Developing of seeds	8
Die off crop	9
Ripening tubers	10



Presence of Phytophthora infestans

Dacom code: **Presence of P. infestans (1-10)** Fill in when applicable.
 Increases the sensitivity of the late blight model.

Presence of Phytophthora infestans	Value
First sign of Phytophthora infestans in 25km radius	1
No infection in crop, a few infected plants in the area	2
No infection in crop, several infected plants in the area	3
No infection in crop, more than 25 infected plants in the area	4
No infection in crop, but wind favourable for disease spread	5
P. infestans in crop, less than 5 infected plants	6
P. infestans in crop, more than 5 infected plants	7
P. infestans in crop, more than 15 infected plants	8
P. infestans in crop, less than 25 infected plants	9
P. infestans in crop, more than 25 infected plants	10

Presence of Alternaria solani

Dacom code: **Presence of Alternaria solani (1-10)** Fill in when applicable.
 Increases the sensitivity of the Early blight model.

Out of crop	Value	In own field
First sign in 10 mile radius	1	First small lesions in crop
	2	< 5 plants with small lesions
Few sources in area	3	
	4	> 5 plants with small lesions
Several sources in area	5	
	6	> 15 plants with medium lesions
Numerous sources in area	7	
	8	> 25 plants with large lesions
Heavy infections in area	9	
	10	Heavy leaf desiccation from Alternaria





In field example of crop development (75cm row spacing)



Stage 2 / density 1



Stage 3 / density 3



Stage 3 / density 4



Stage 4 / density 4



Stage 5 / density 5



Stage 6 / density 6



Stage 7 / density 7



Stage 8 / density 8



Stage 8 / density 9



Stage 9 / density 8



Stage 10 / density 5

