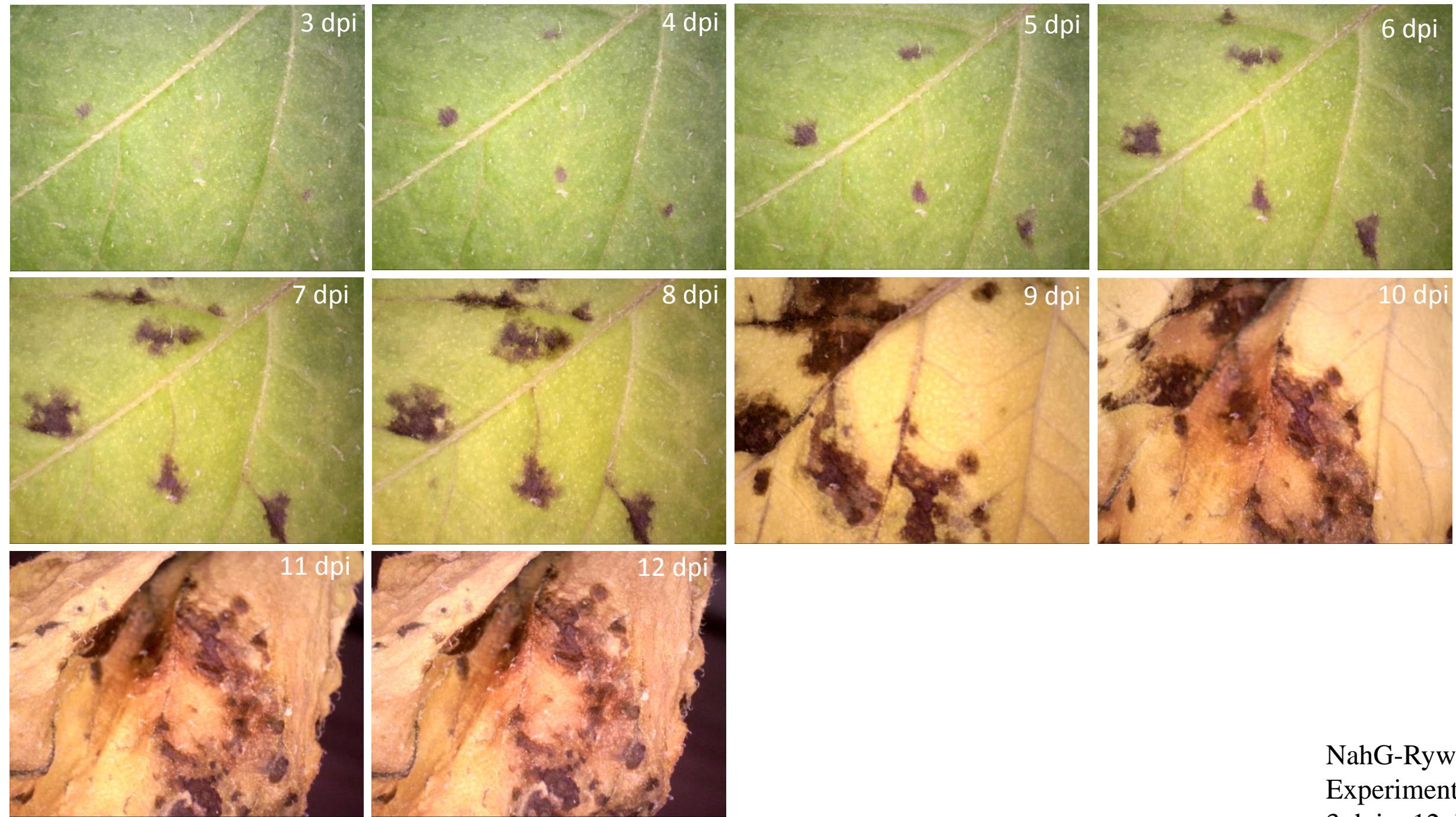


Dynamics of lesion expansion in NahG-Rywal

DinoLite digital microscopy

Supplementary Figure 1: Dynamics of lesion expansion in NahG-Rywal after PVY N605-GFP inoculation. Lesions expansion was followed by DinoLite digital microscope in five independent experiments. We observed unlimited expansion of all analysed lesions.



NahG-Rywal
Experiment 1
3 dpi – 12 dpi



4 dpi



5 dpi



6 dpi



7 dpi

NahG-Rywal
Experiment 2
4 dpi – 7 dpi

A close-up photograph of a green leaf at 3 days post-infection (dpi). The leaf surface is mostly healthy green, but it features several small, dark brown spots scattered across its surface, which are likely early signs of pathogen infection.

3 dpi

A close-up photograph of a green leaf at 4 days post-infection (dpi). The leaf shows a slight increase in the number and size of dark brown spots compared to the 3 dpi stage, indicating the progression of the infection.

4 dpi

A close-up photograph of a green leaf at 5 days post-infection (dpi). The leaf is now covered with numerous dark brown spots, and some areas appear slightly yellowed or discolored, suggesting further development of the infection.

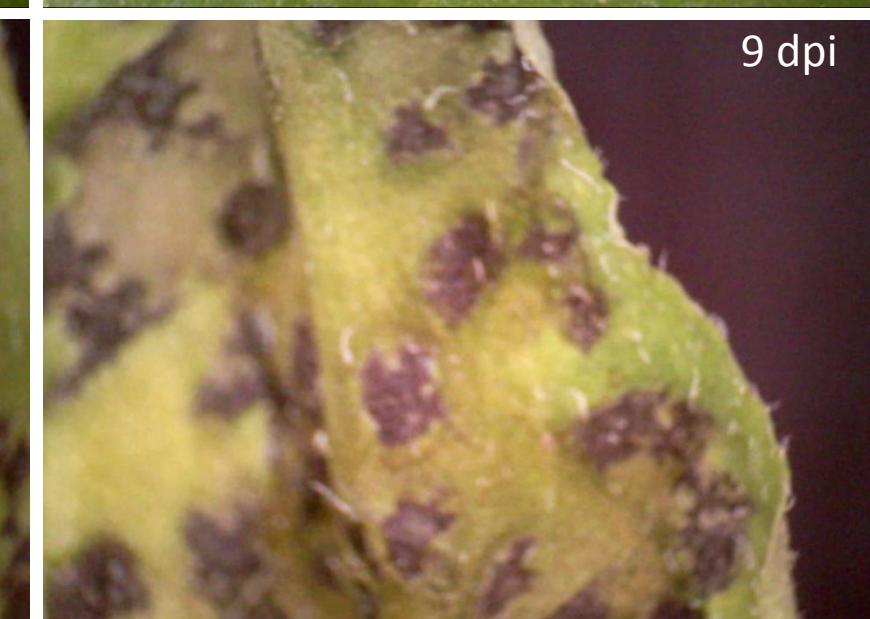
5 dpi

A close-up photograph of a green leaf at 7 days post-infection (dpi). The leaf is heavily infested with dark brown spots, and significant areas of the leaf surface have turned yellow or brown, indicating extensive tissue damage.

7 dpi

A close-up photograph of a green leaf at 8 days post-infection (dpi). The leaf is severely affected, with a high density of dark brown spots and large, distinct yellowish-brown lesions, characteristic of advanced plant disease.

8 dpi

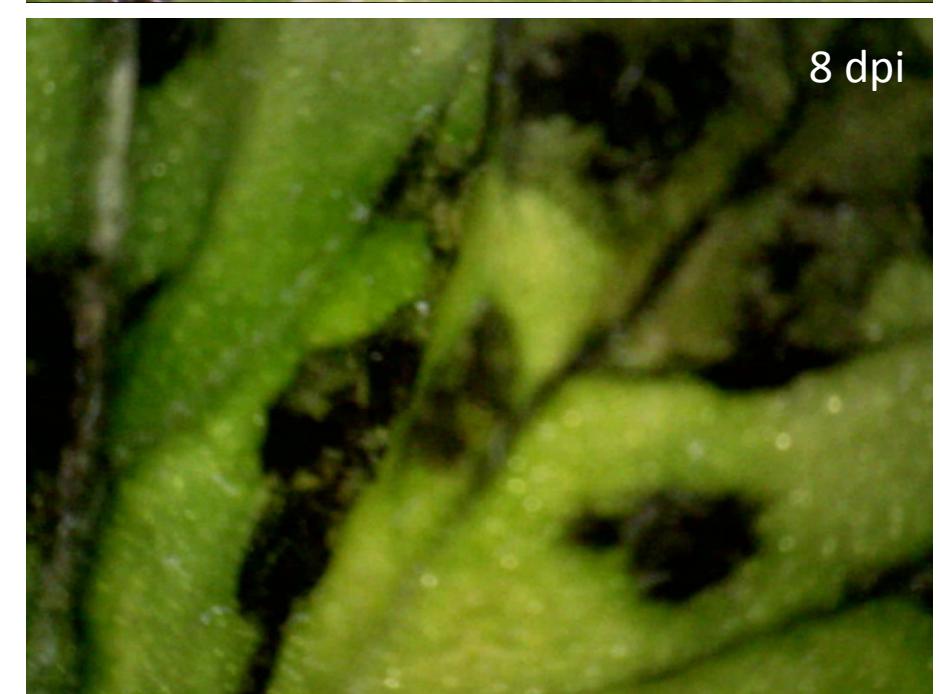
A close-up photograph of a green leaf at 9 days post-infection (dpi). The leaf is almost entirely covered by dark brown spots and large, irregular yellowish-brown lesions, with very little healthy green tissue remaining, indicating a late-stage infection.

9 dpi

NahG-Rywal
Experiment 3
3 dpi – 9 dpi



NahG-Rywal
Experiment 4
3 dpi – 7 dpi



NahG-Rywal
Experiment 5
6 dpi – 8 dpi