

The background of the slide features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

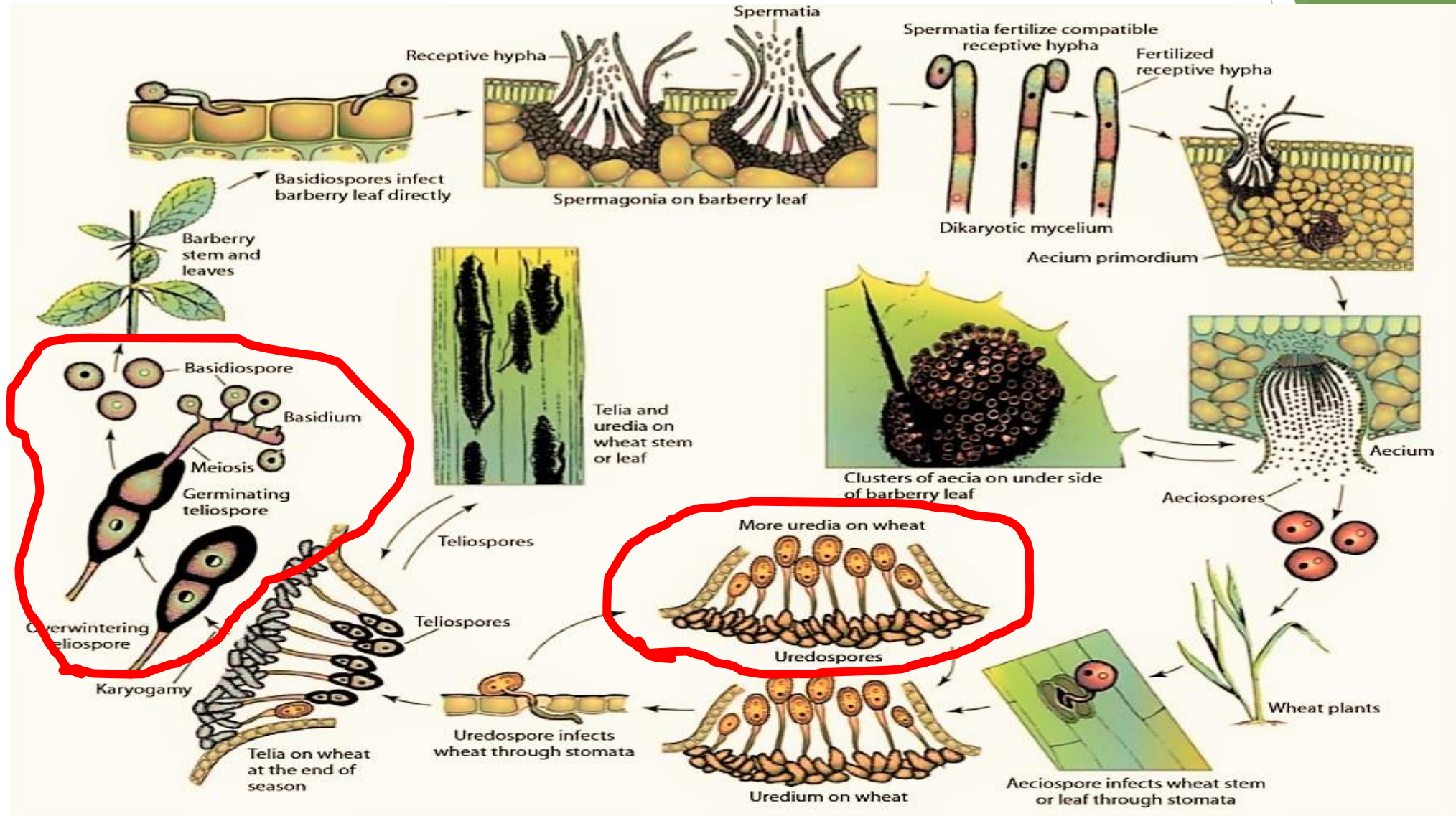
# Ferrugem do colmo do trigo

## *Puccinia graminis*

# Ciclo de Doenças

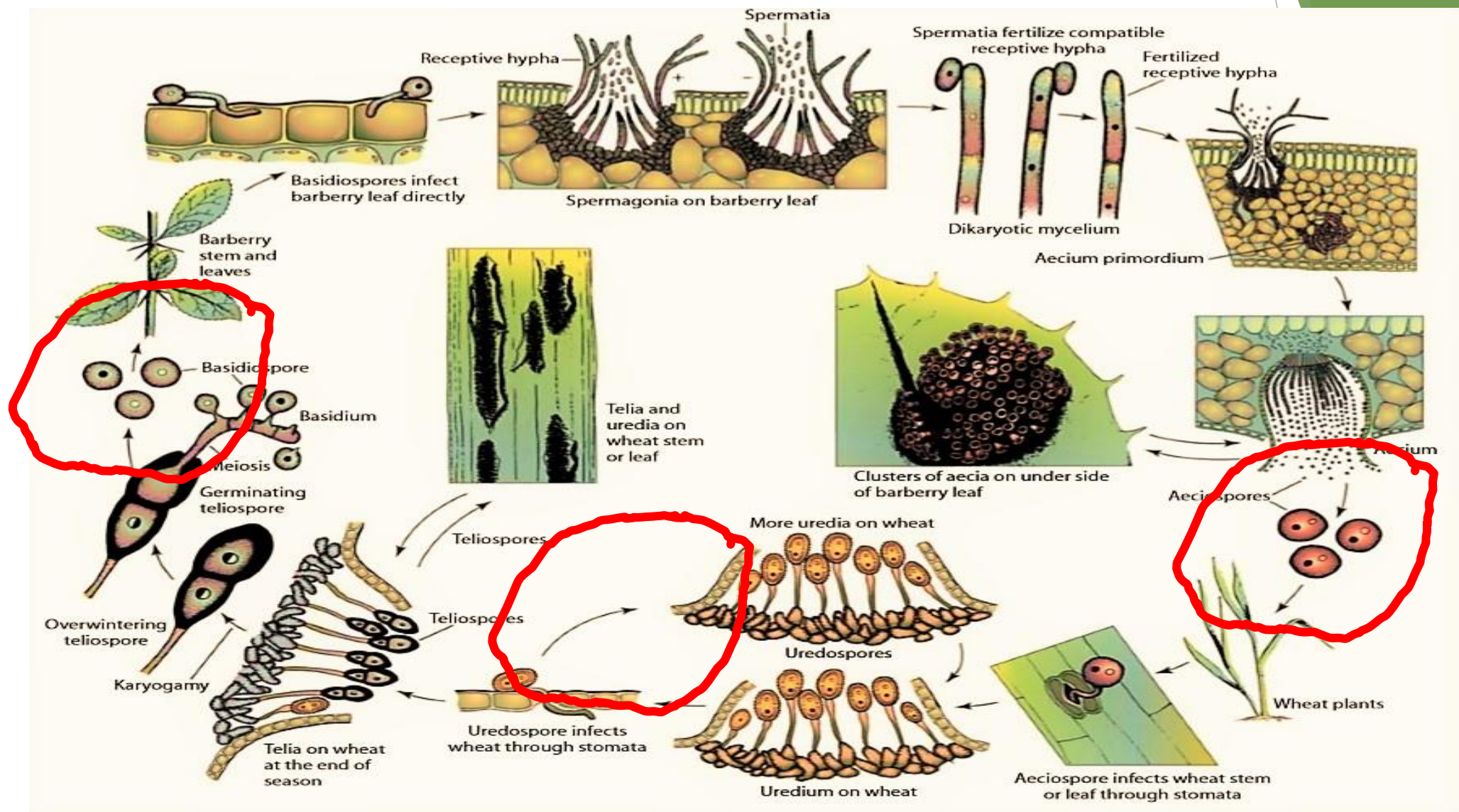
- ▶ PEDRO COMFORT
- ▶ RUAN FURTADO

# Sobrevivência



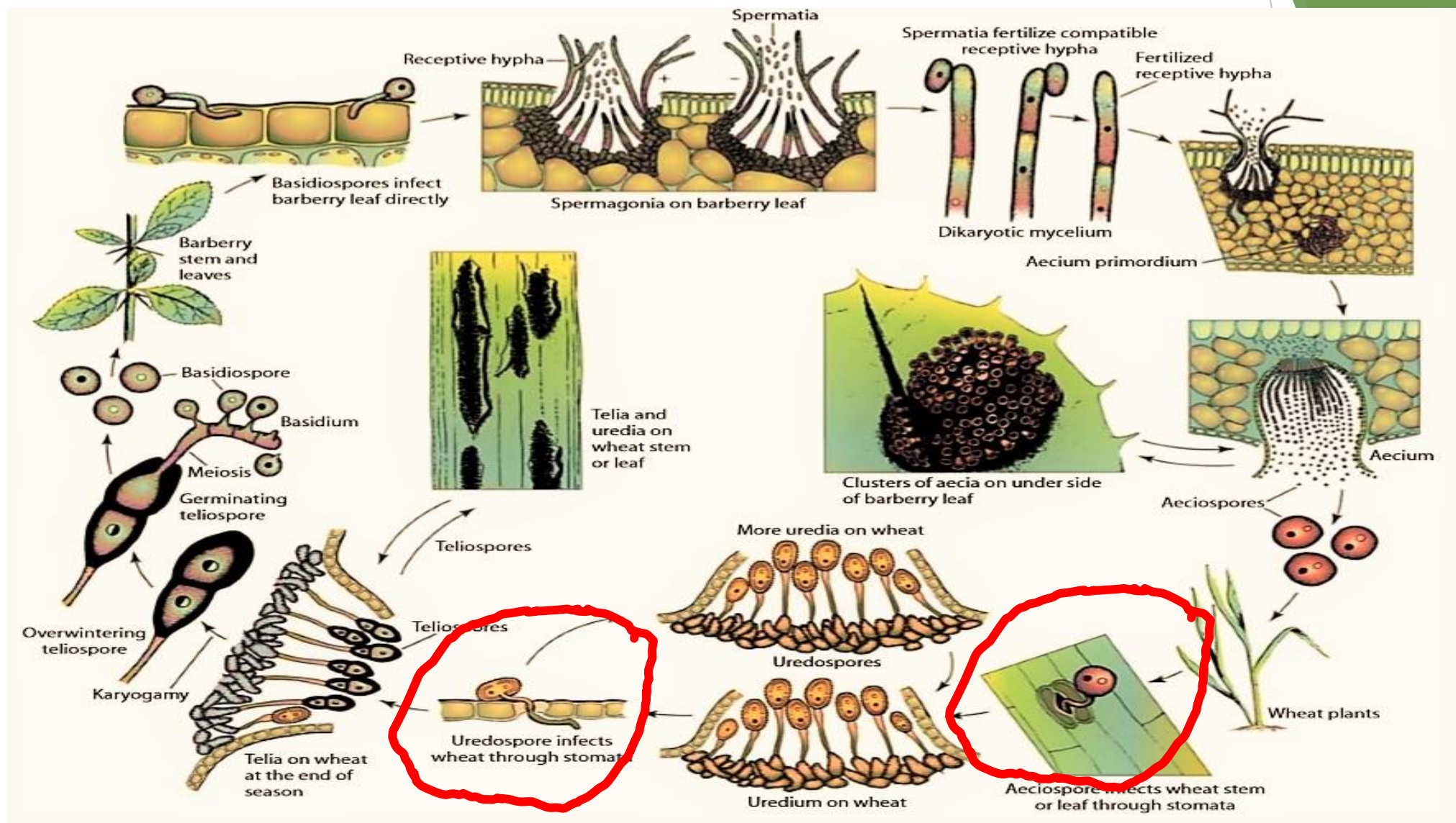


# Disseminação



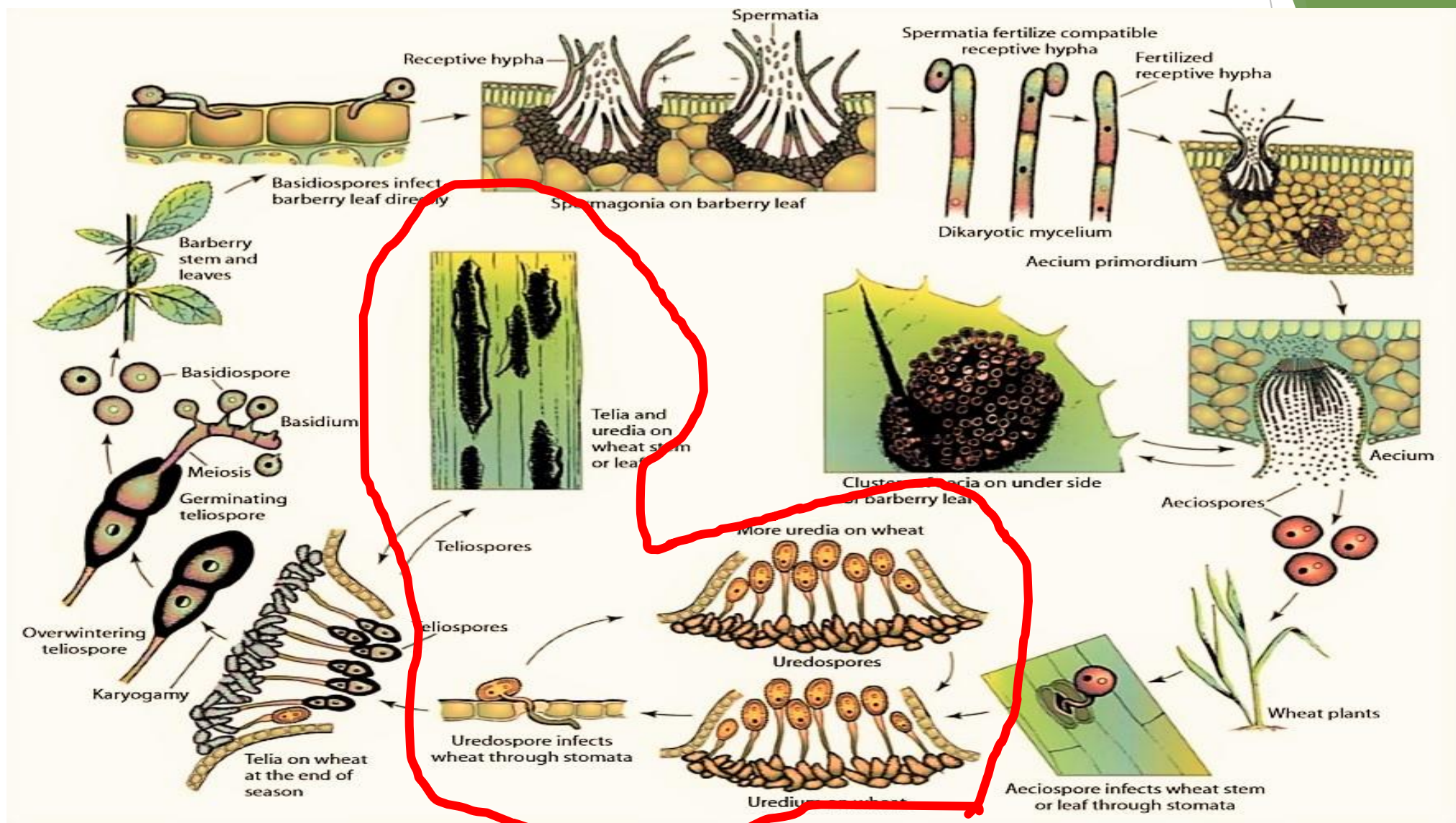


# Infeção



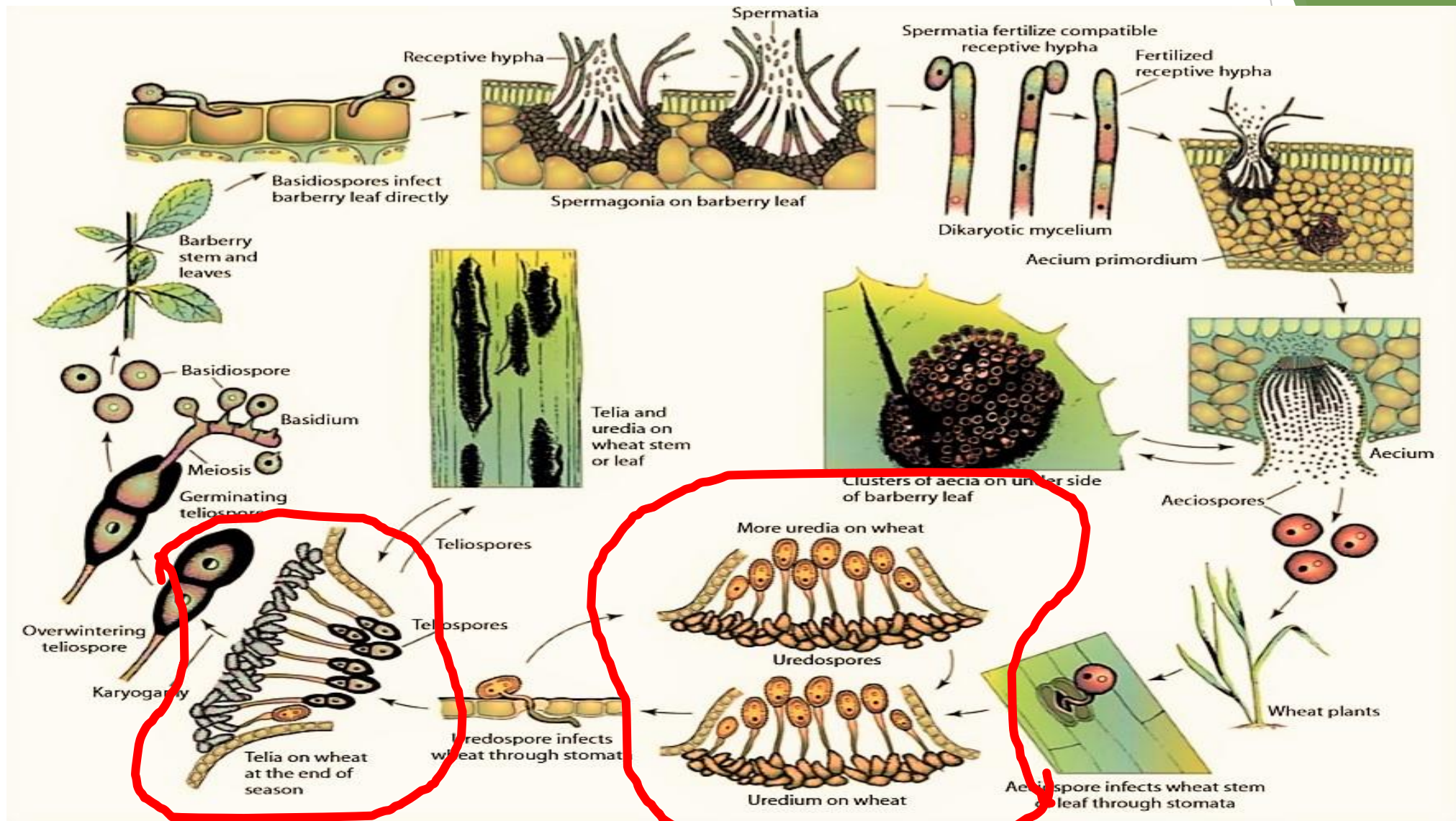


# Colonização





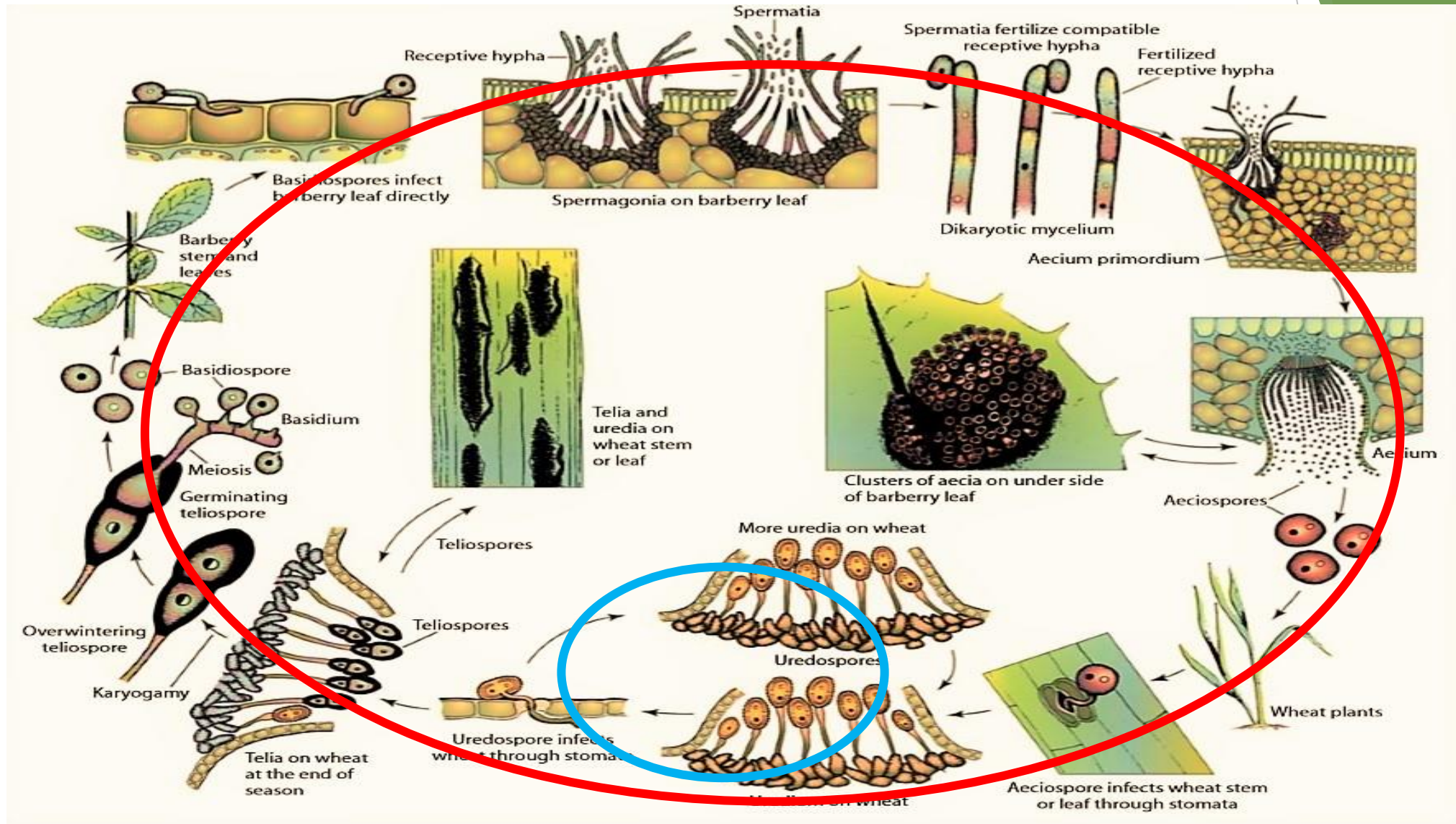
# Reprodução





# Ciclo Primário

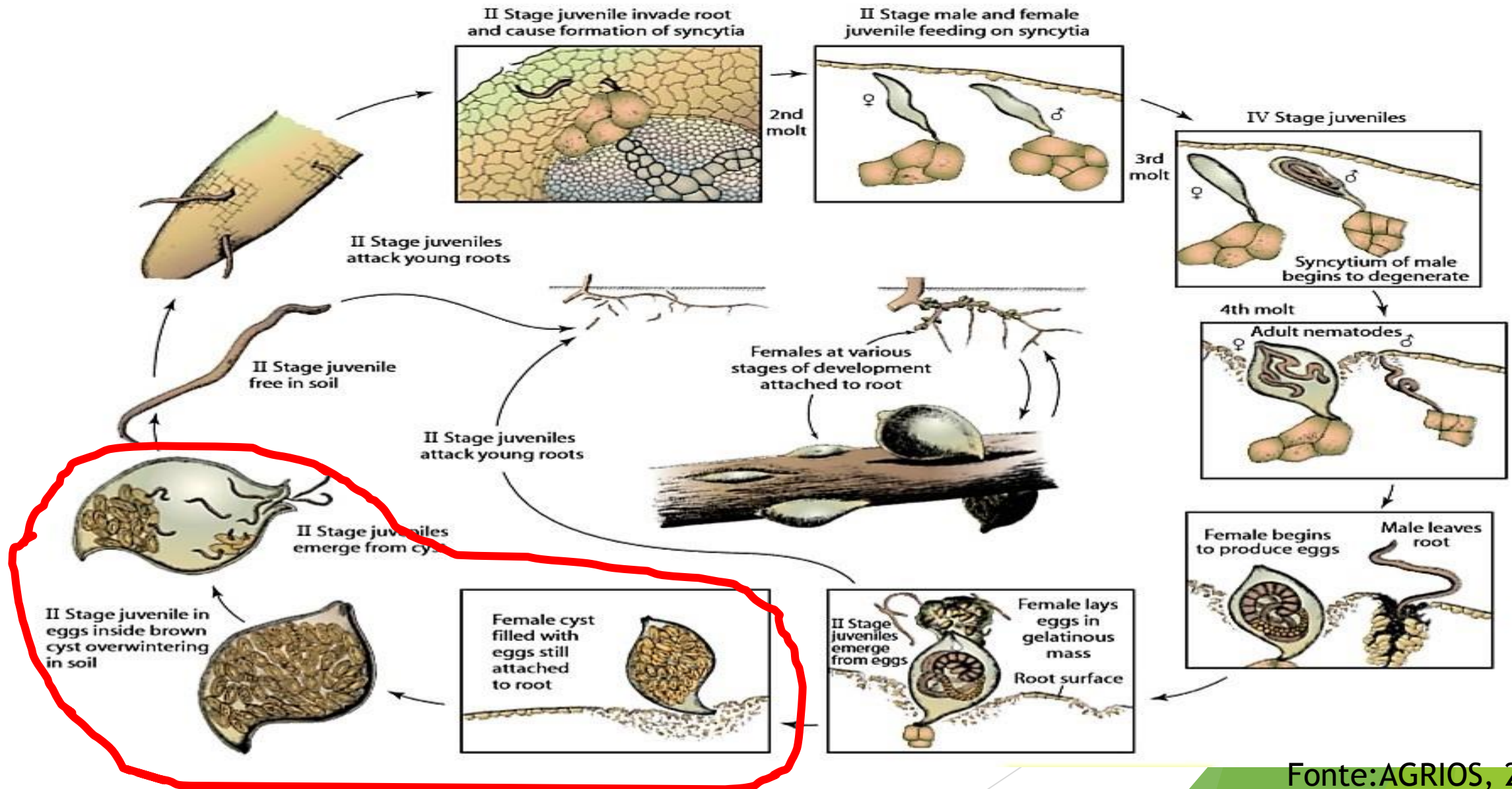
# Ciclo Secundário





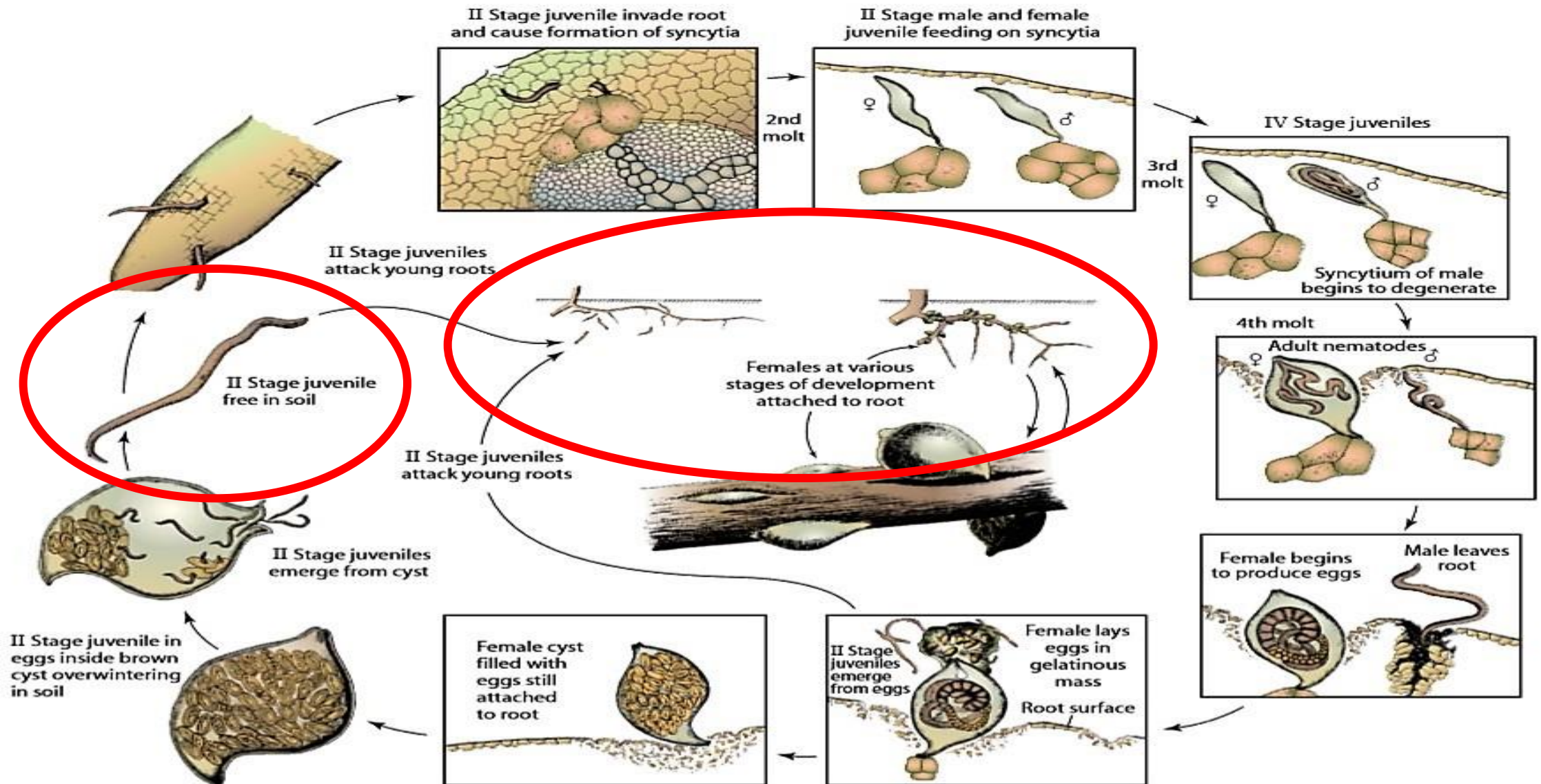
*Heterodera glycines*

# Sobrevivência

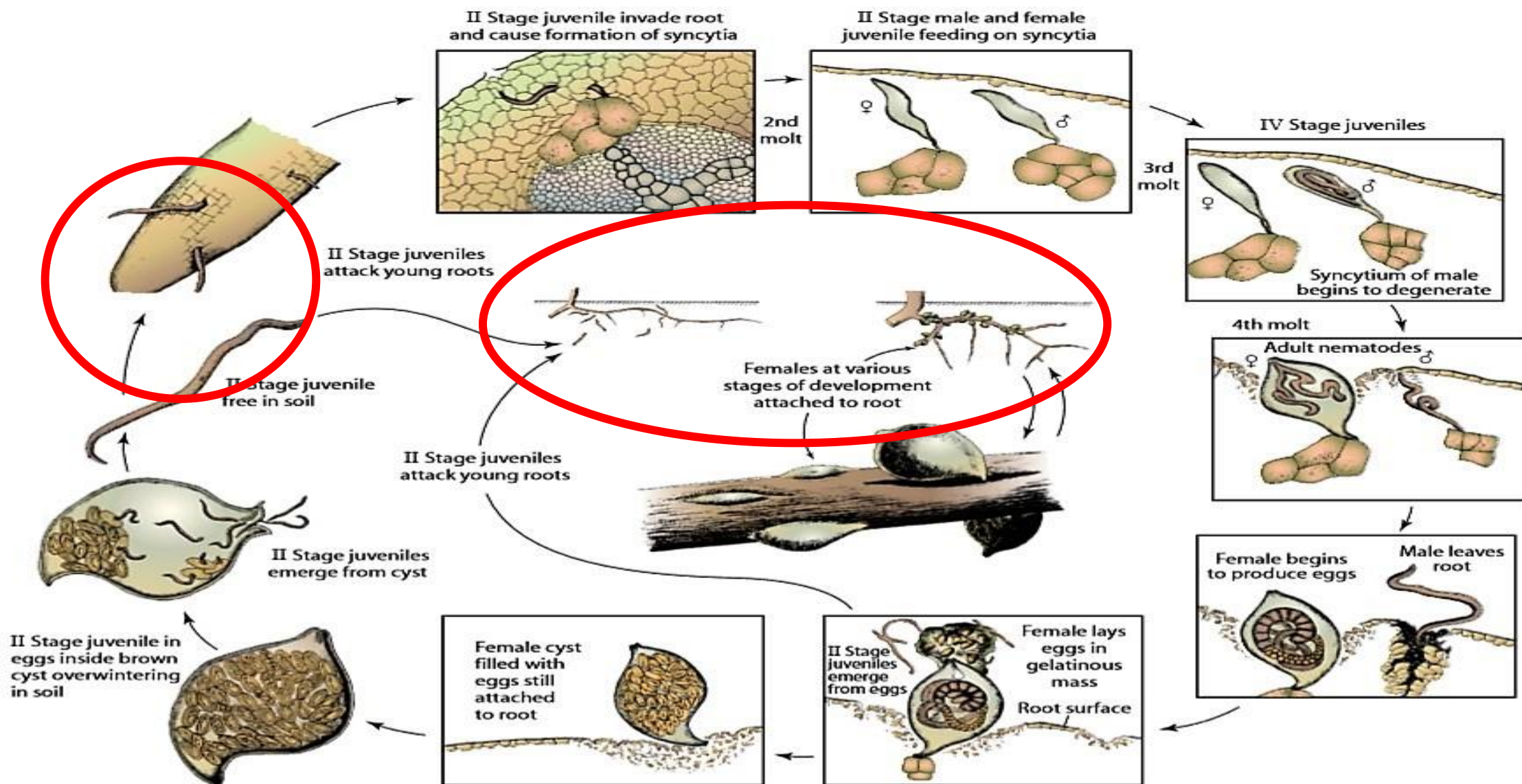




# Disseminação

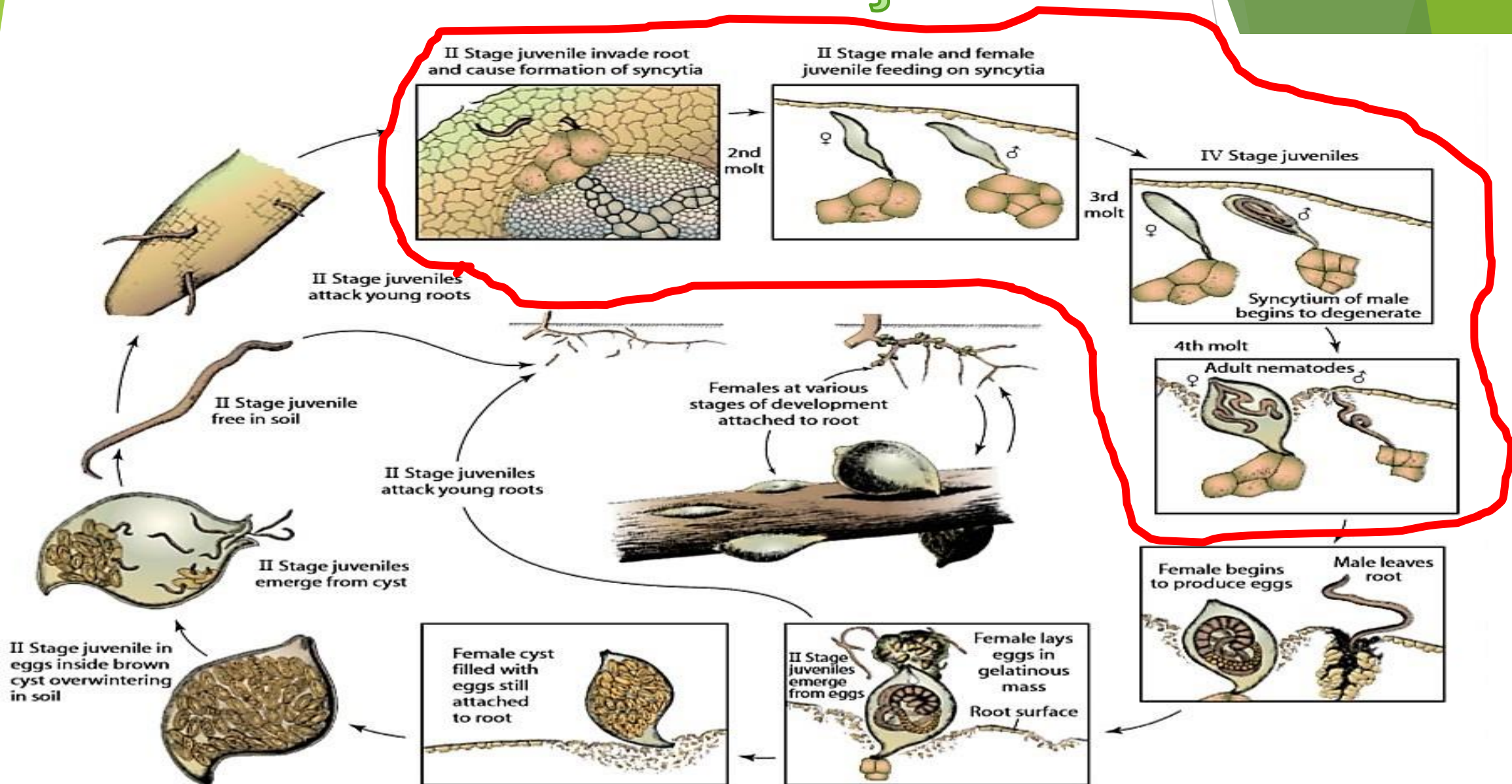


# Infeção

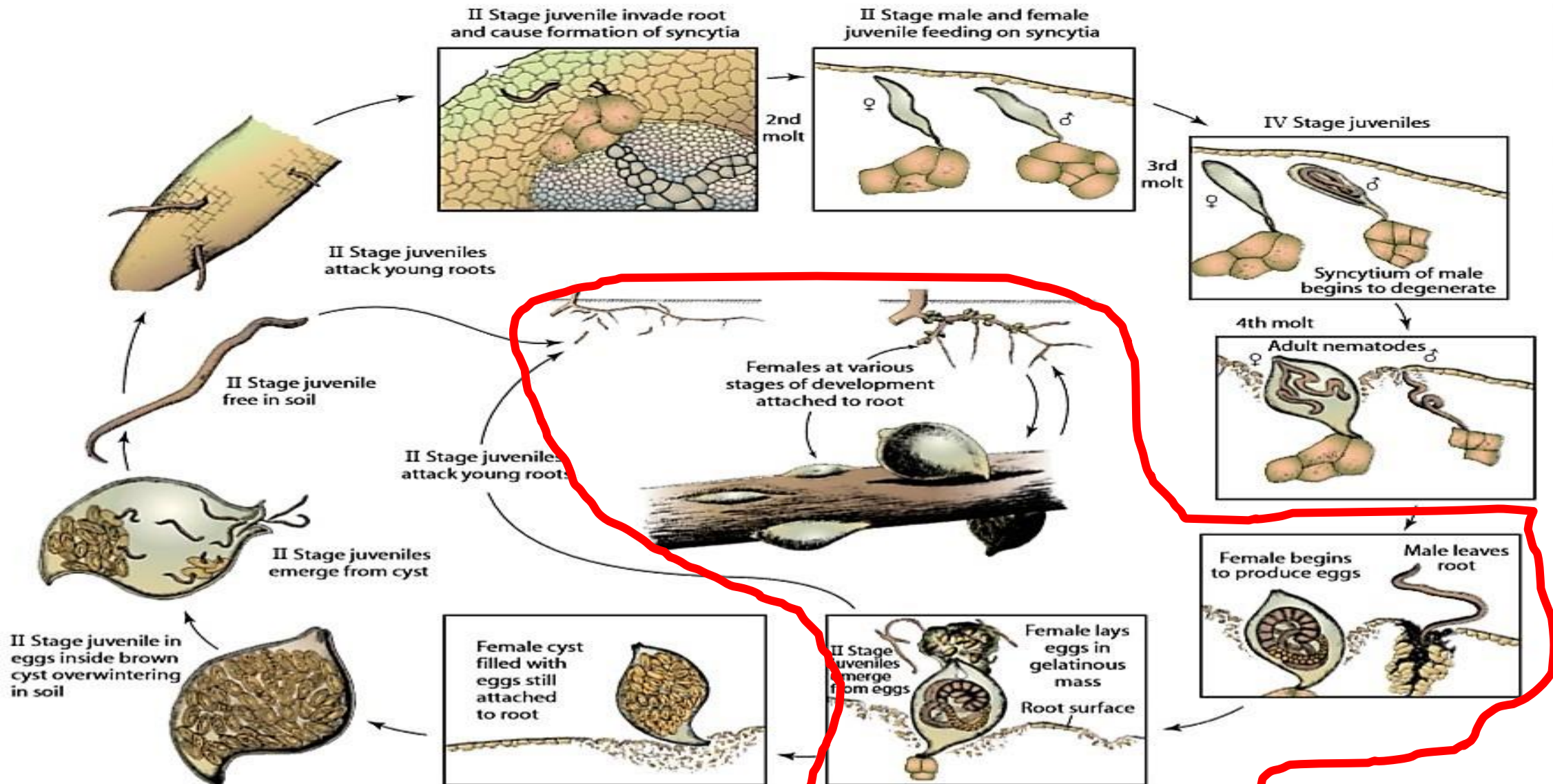




# Colonização

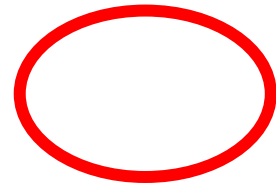


# Reprodução

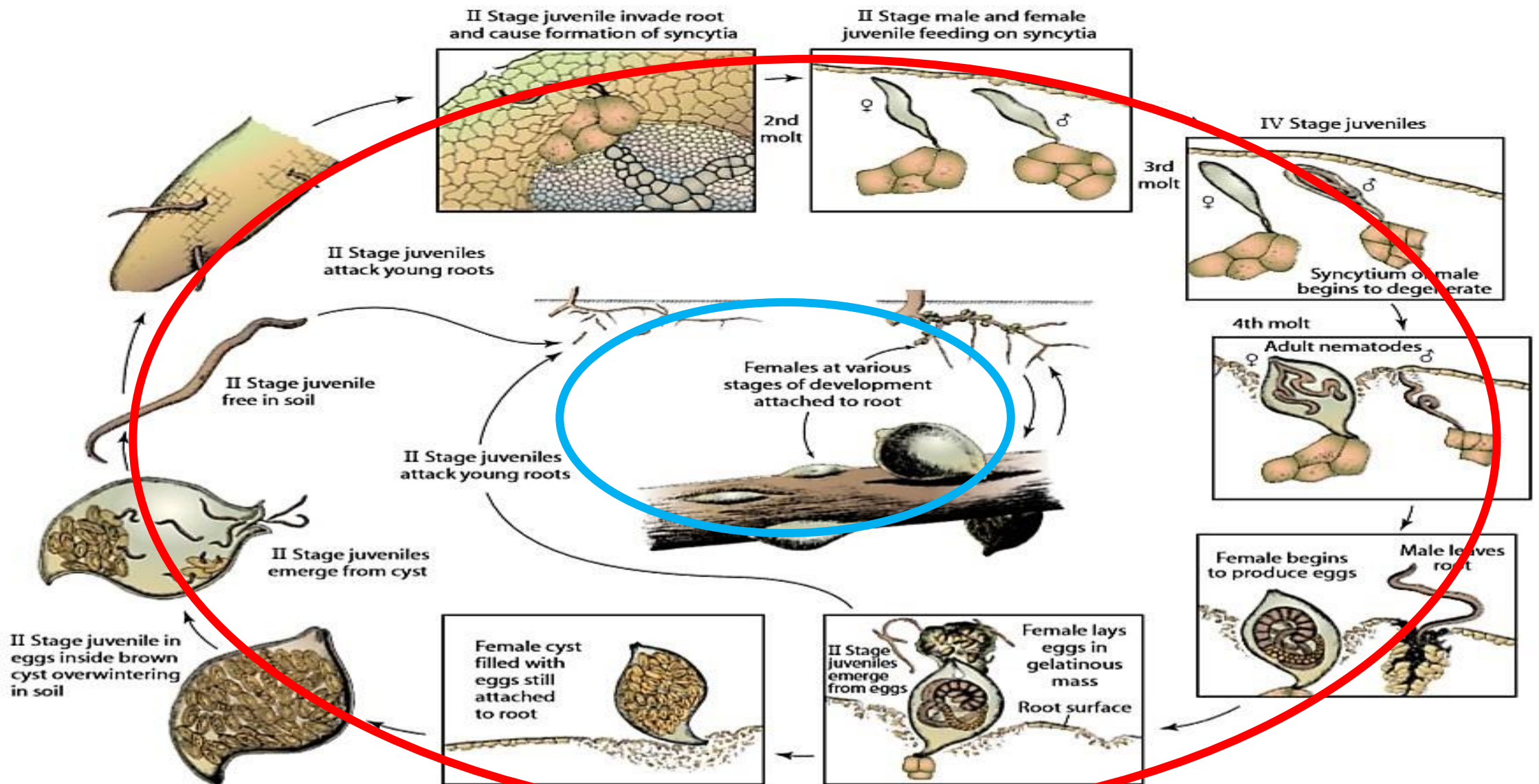




# Ciclo Primário



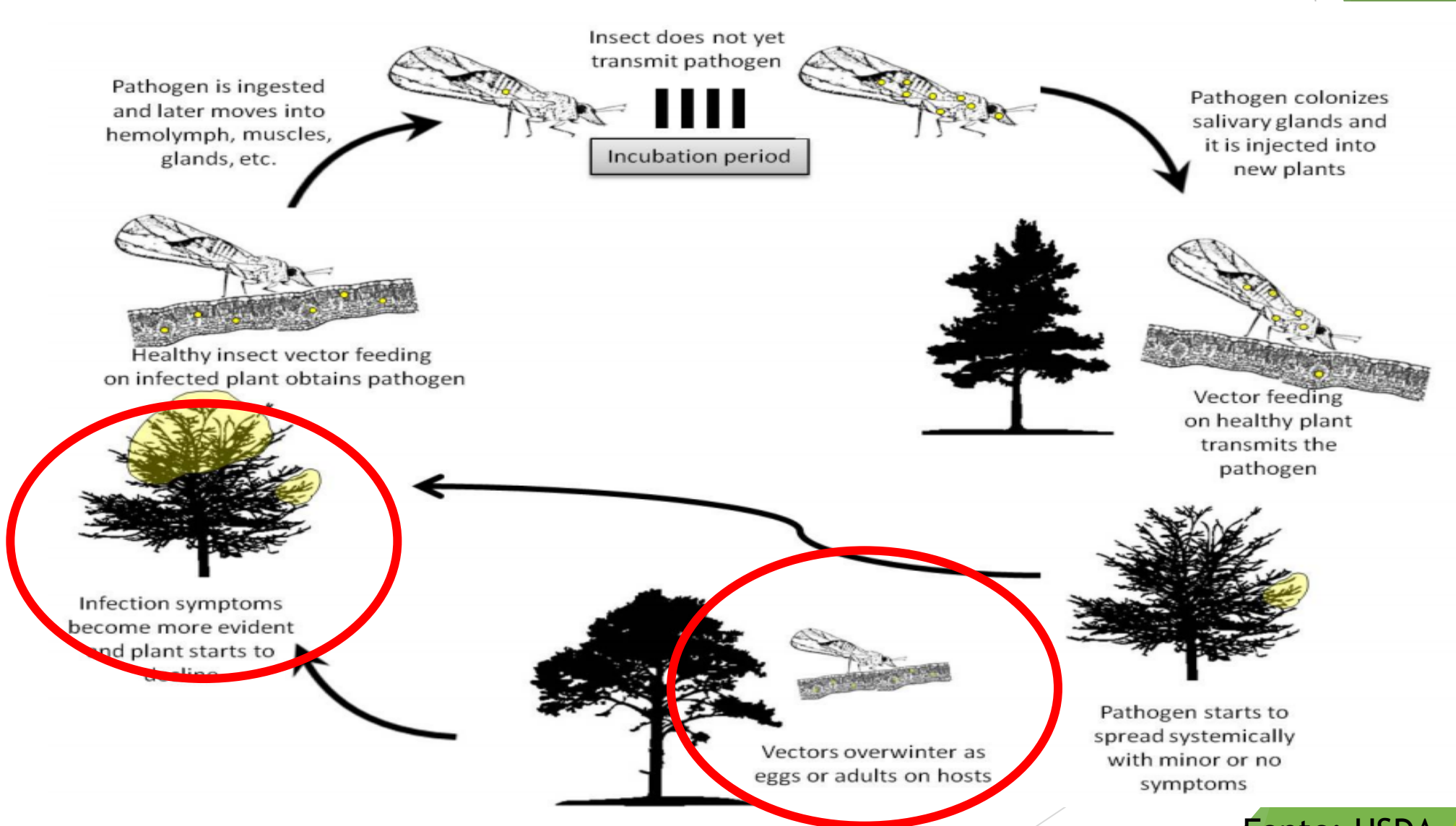
# Ciclo Secundário



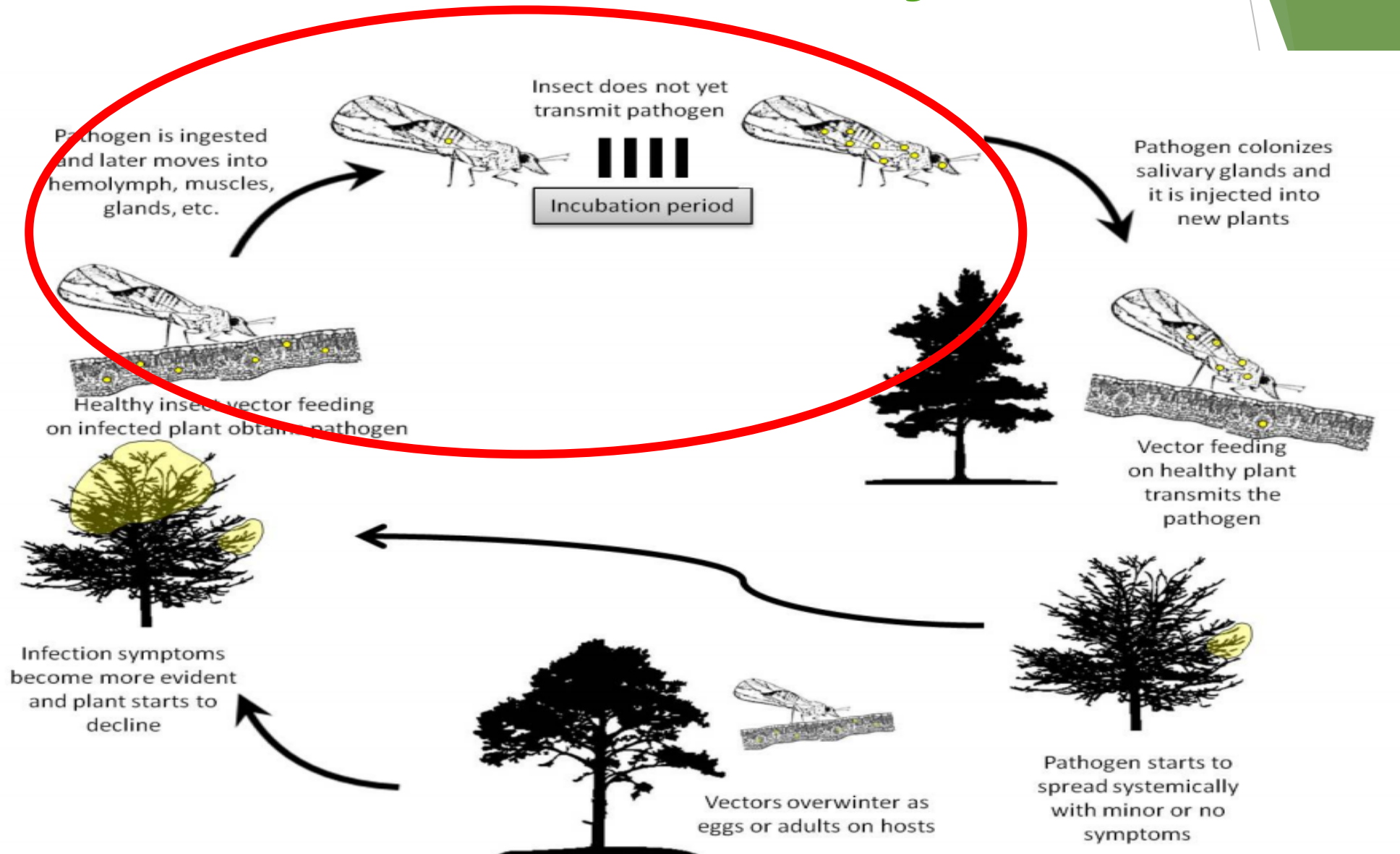
# *Virus da tristeza do citrus*



# Sobrevivência

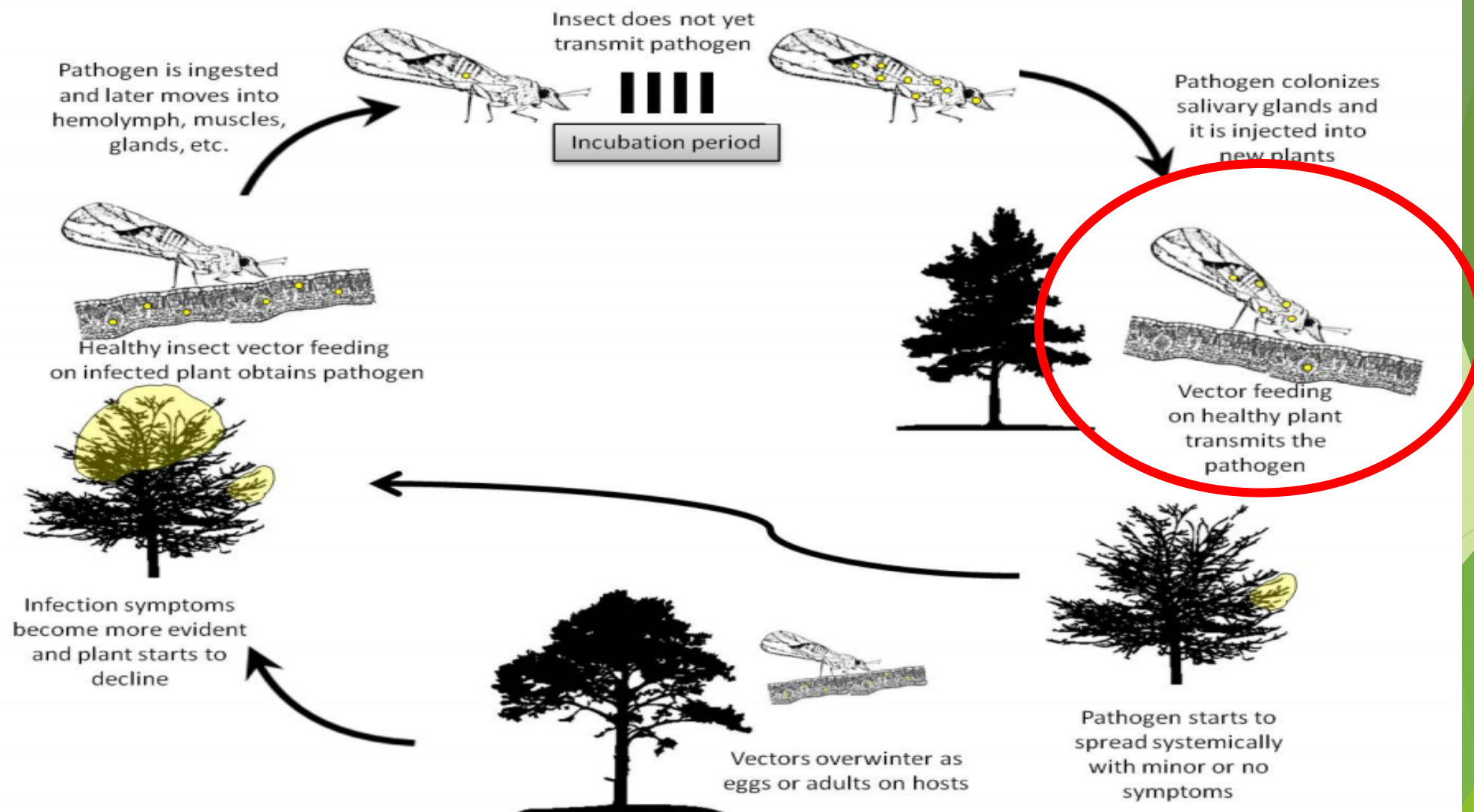


# Disseminação

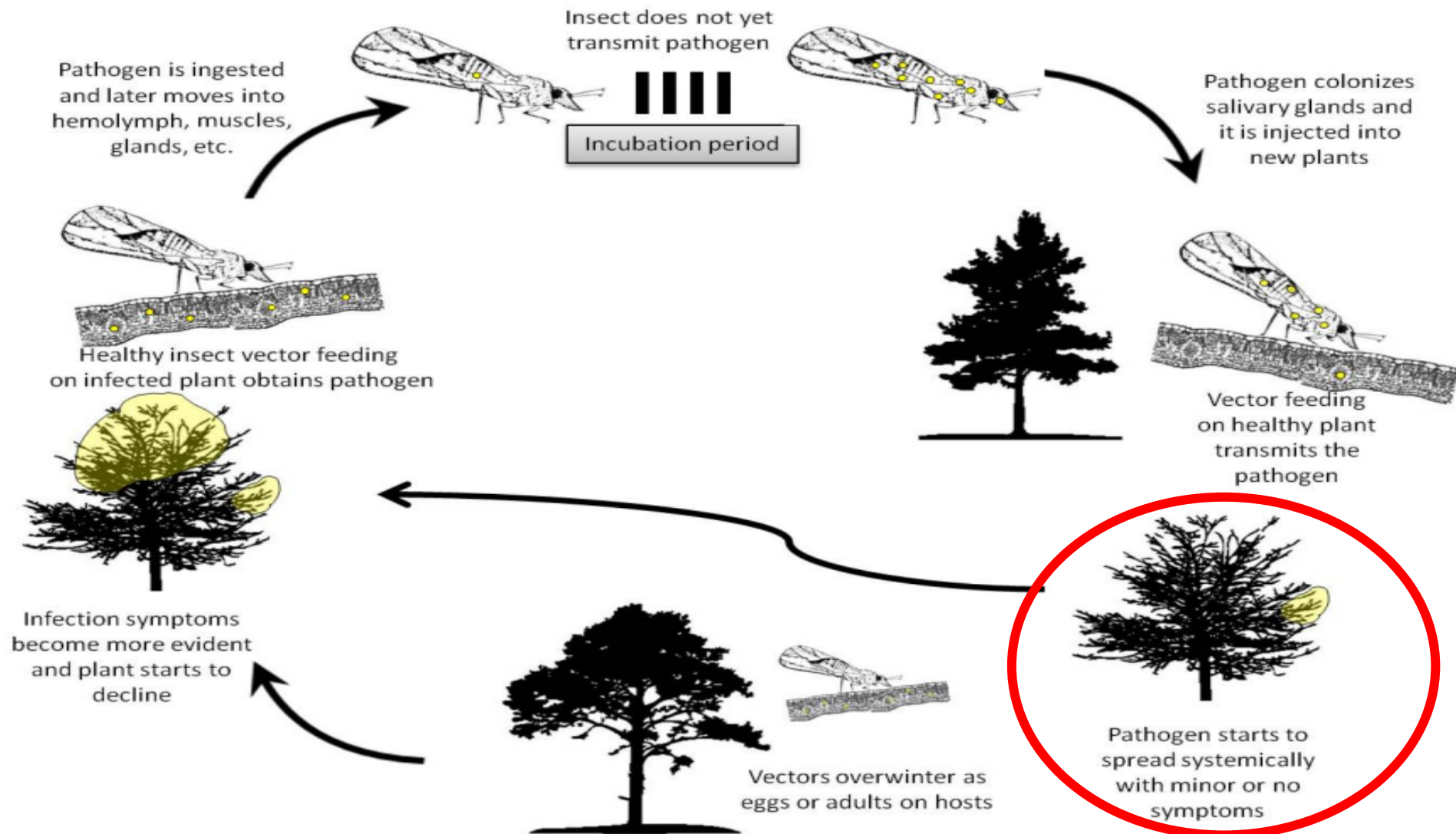




# Infecção

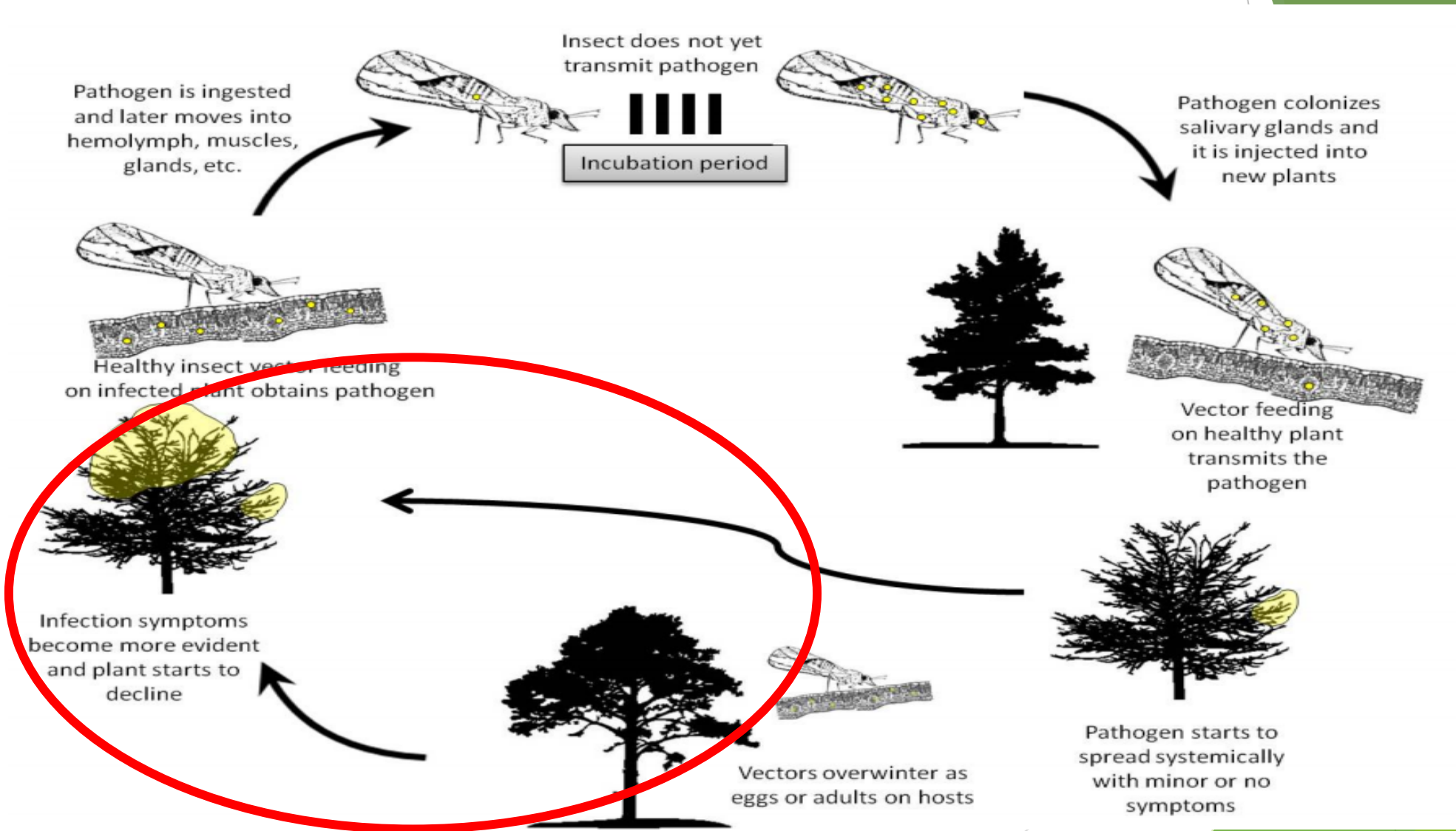


# Colonização



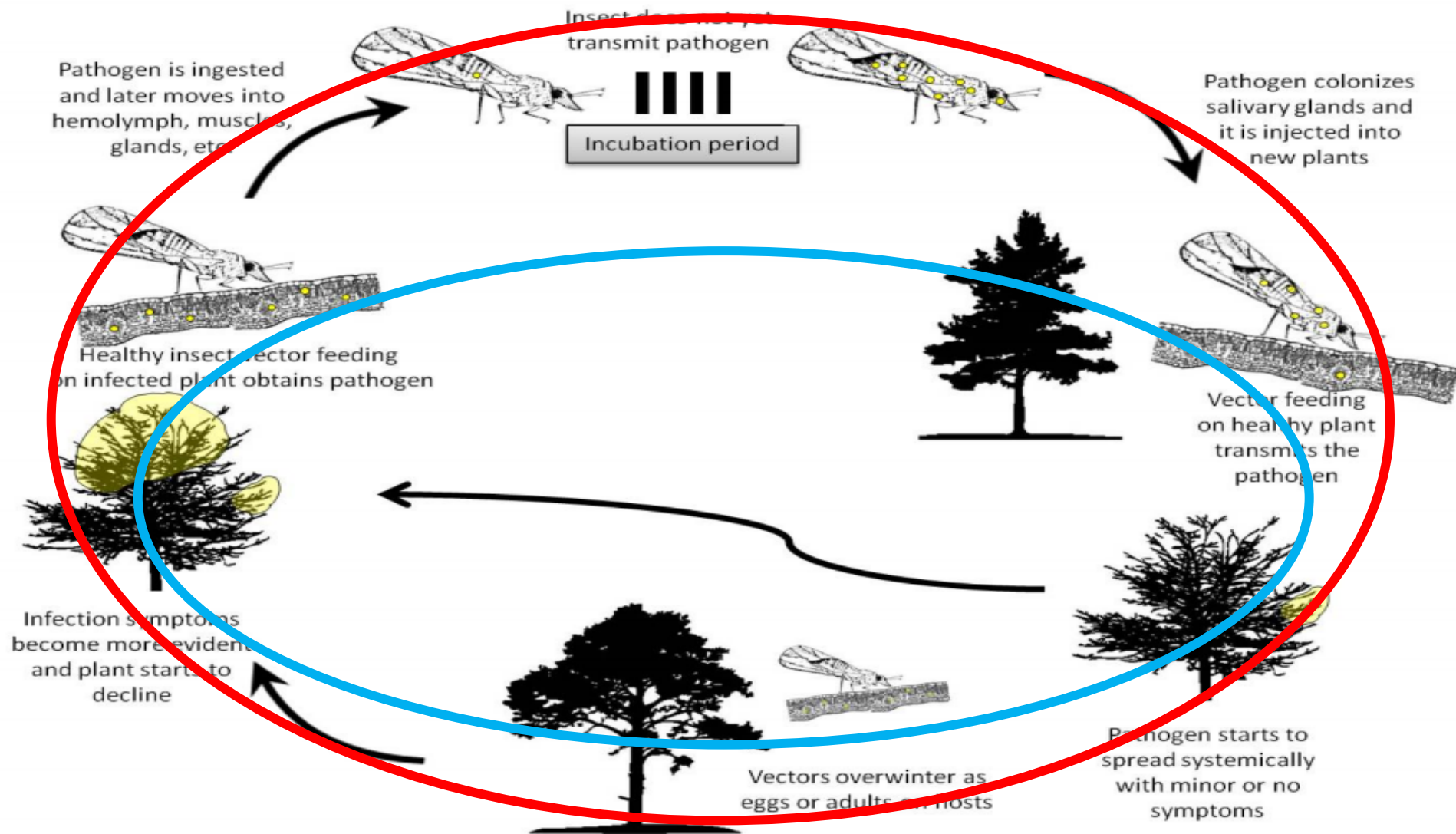


# Reprodução/Colonização



# Ciclo Primário

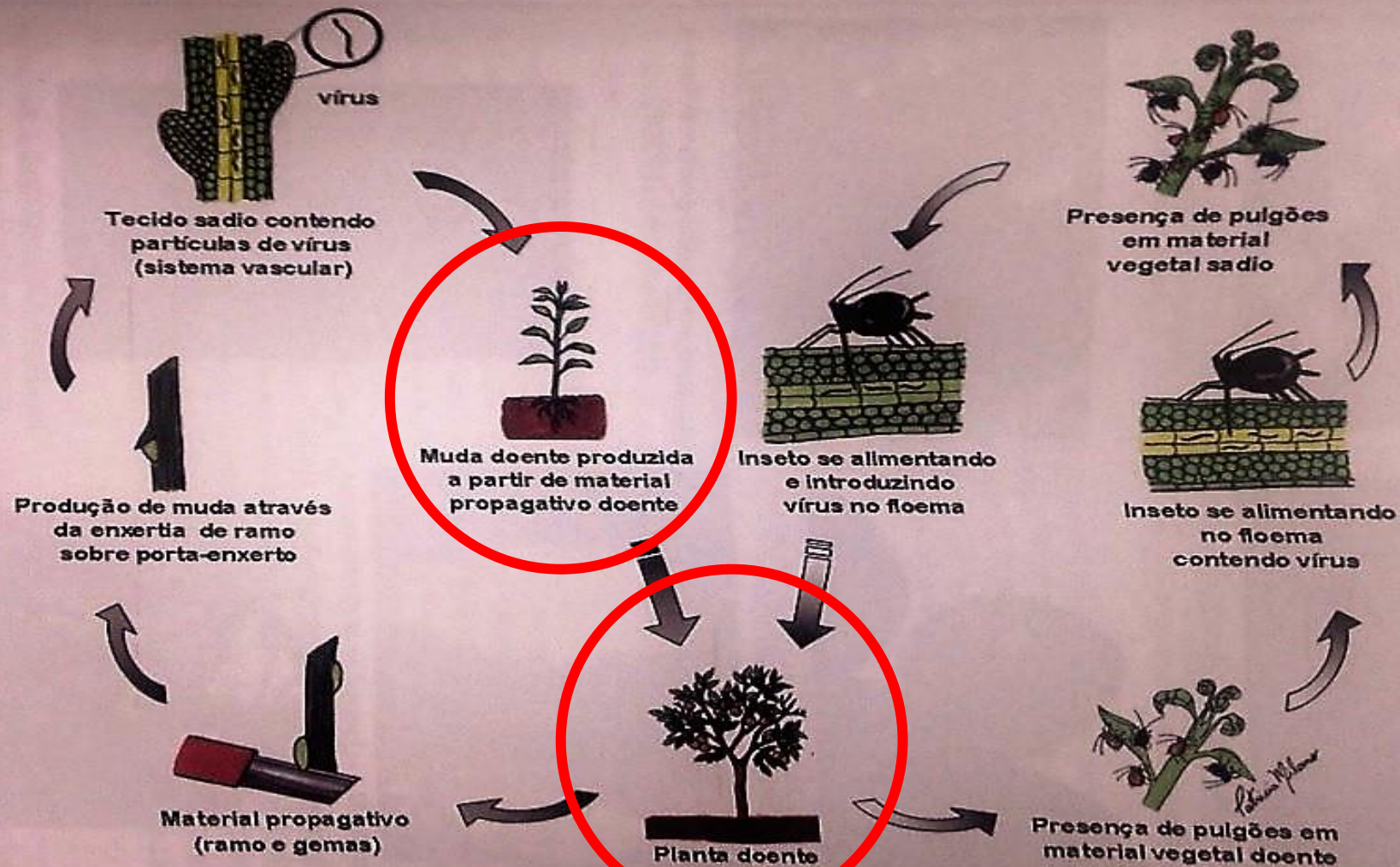
# Ciclo Secundário





# *Citrus tristeza vírus (CTV)*

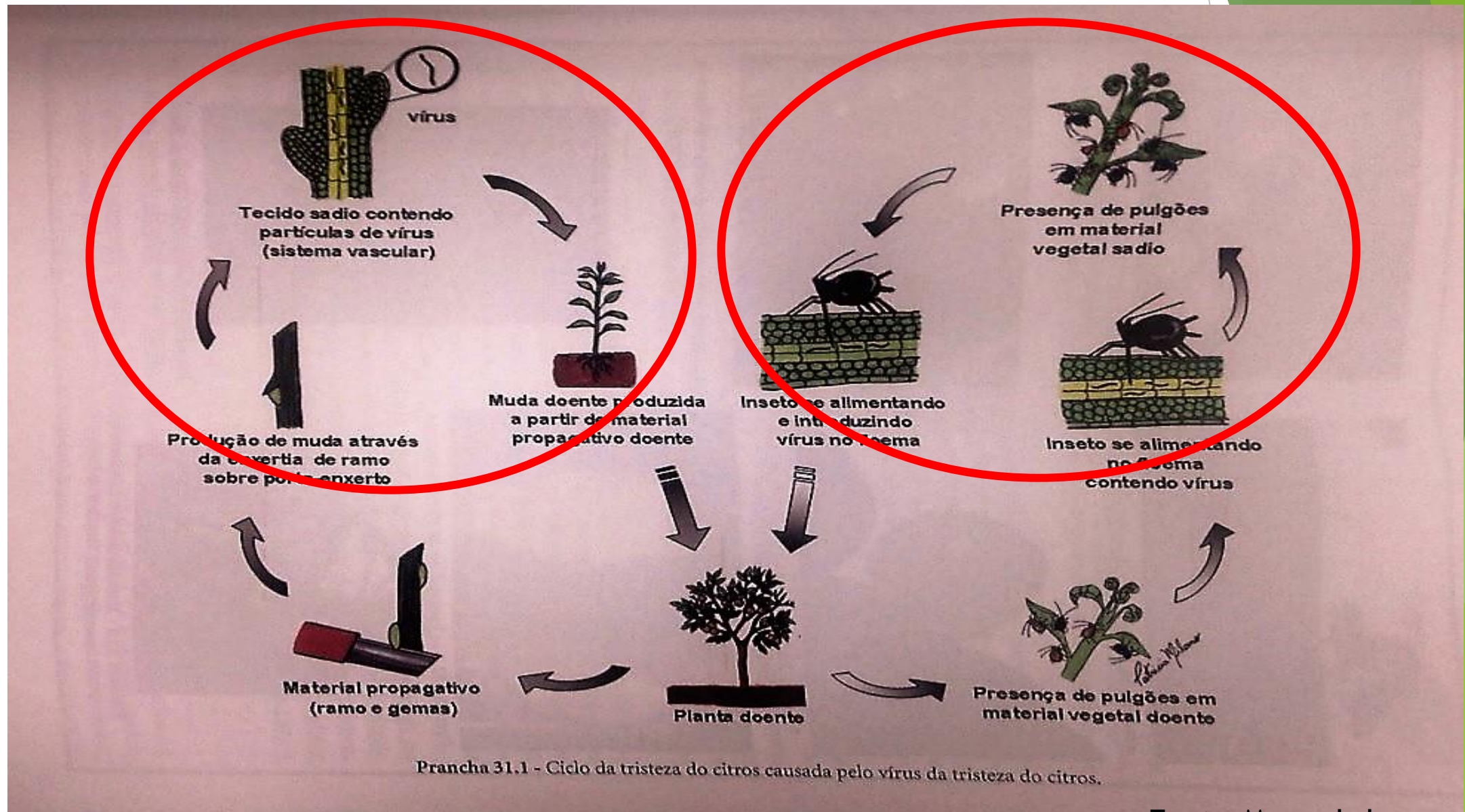
# Sobrevivência



Prancha 31.1 - Ciclo da tristeza do citros causada pelo vírus da tristeza do citros.

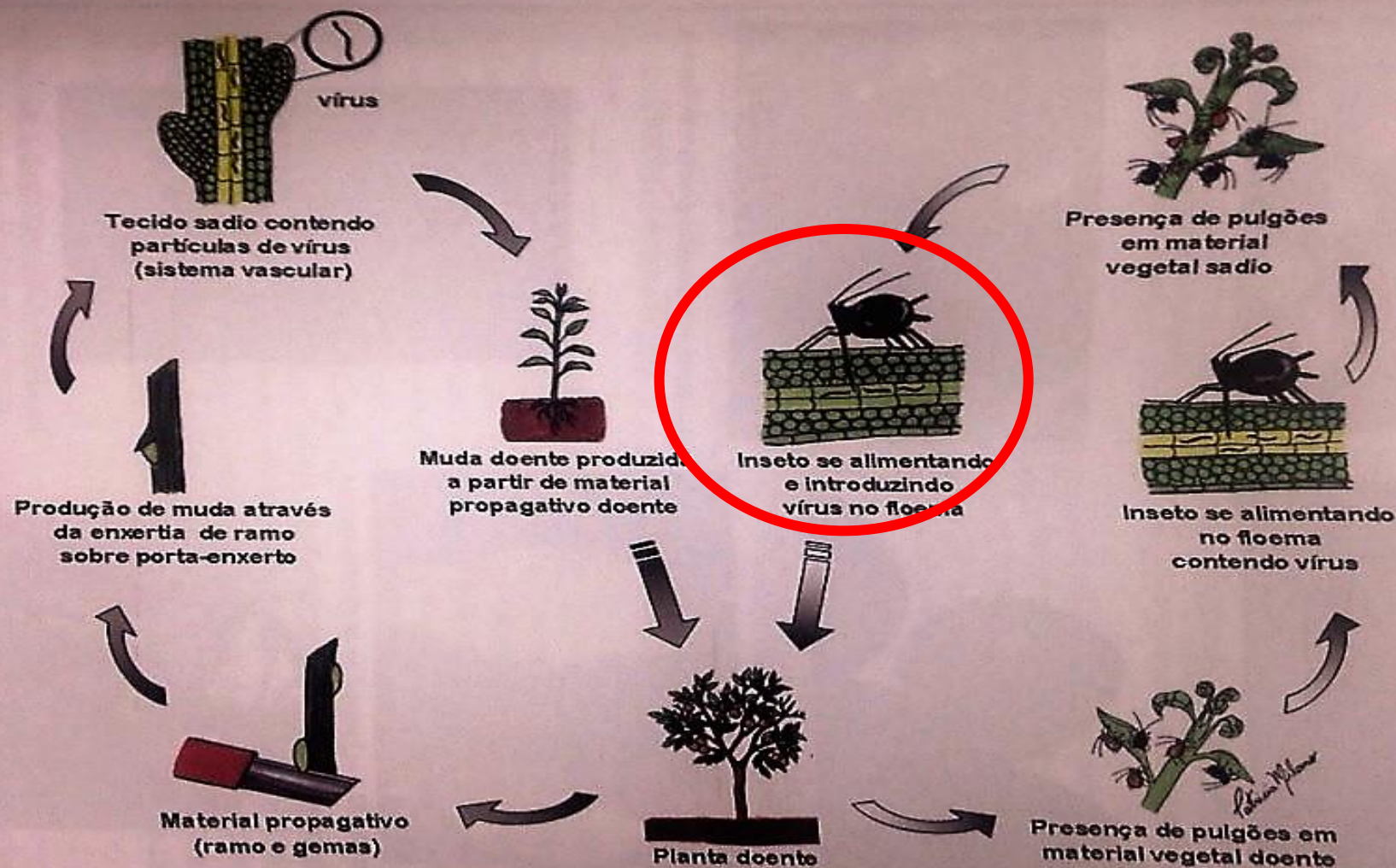


# Disseminação





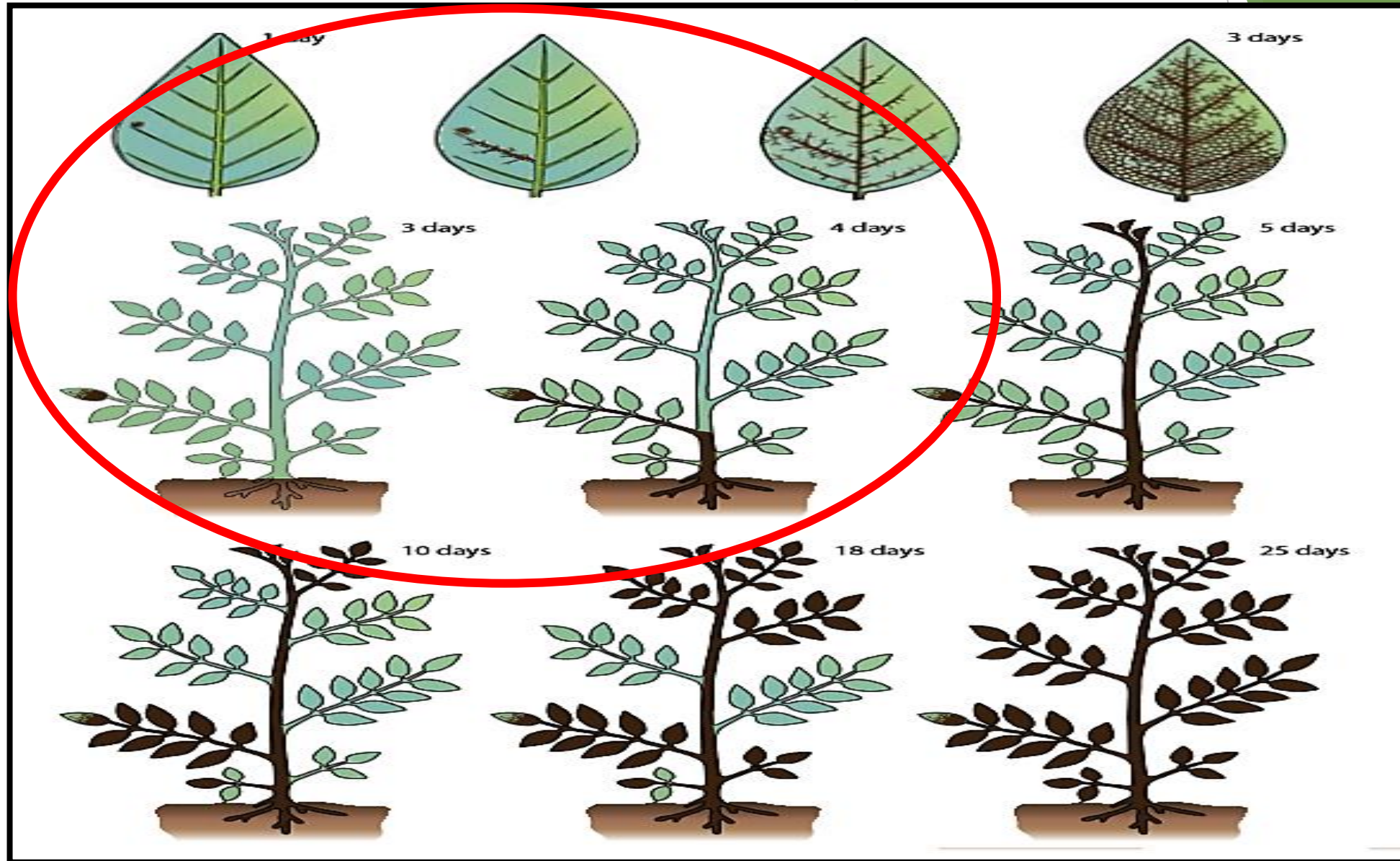
# Infecção



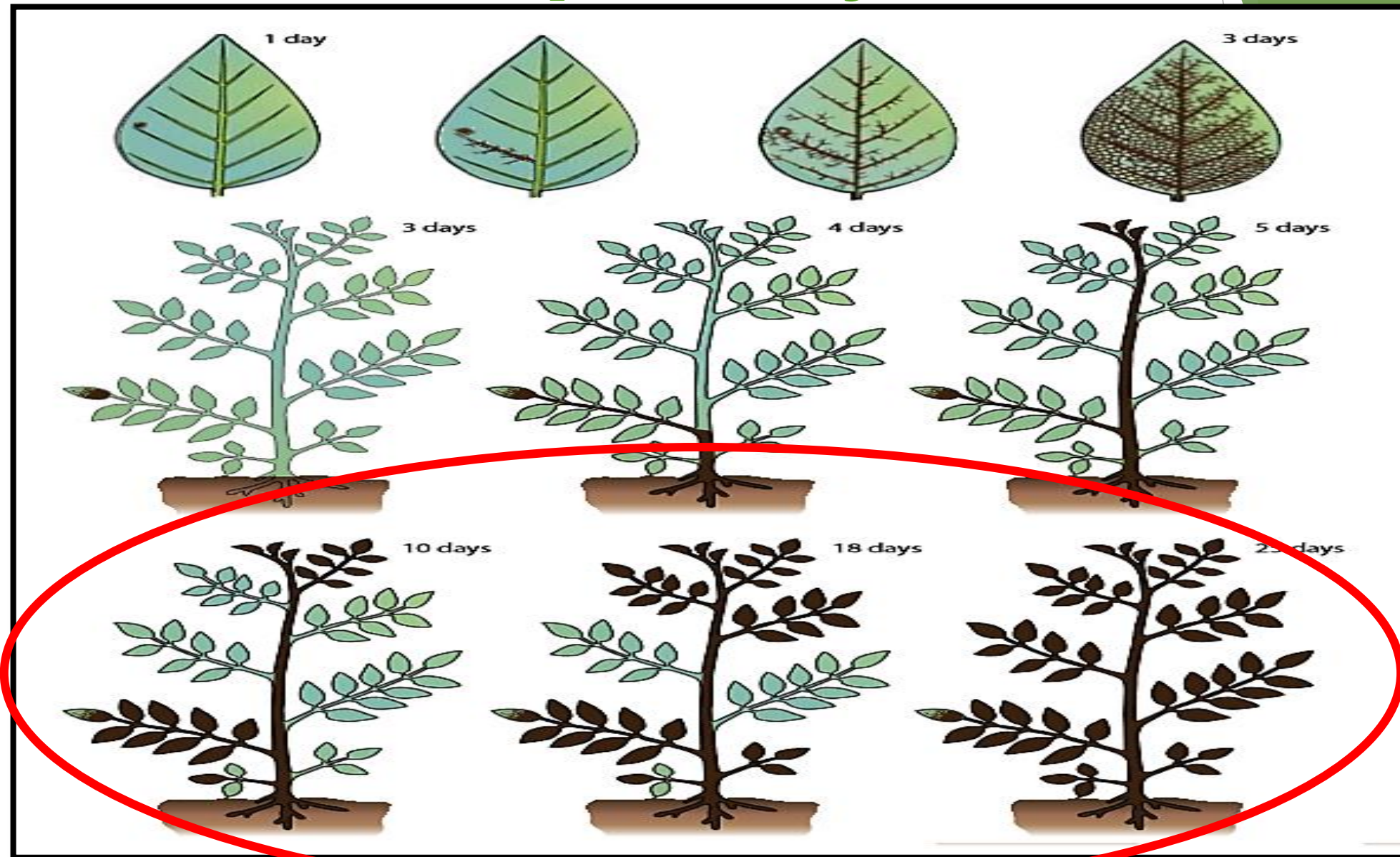
Prancha 31.1 - Ciclo da tristeza do citros causada pelo vírus da tristeza do citros.



# Colonização



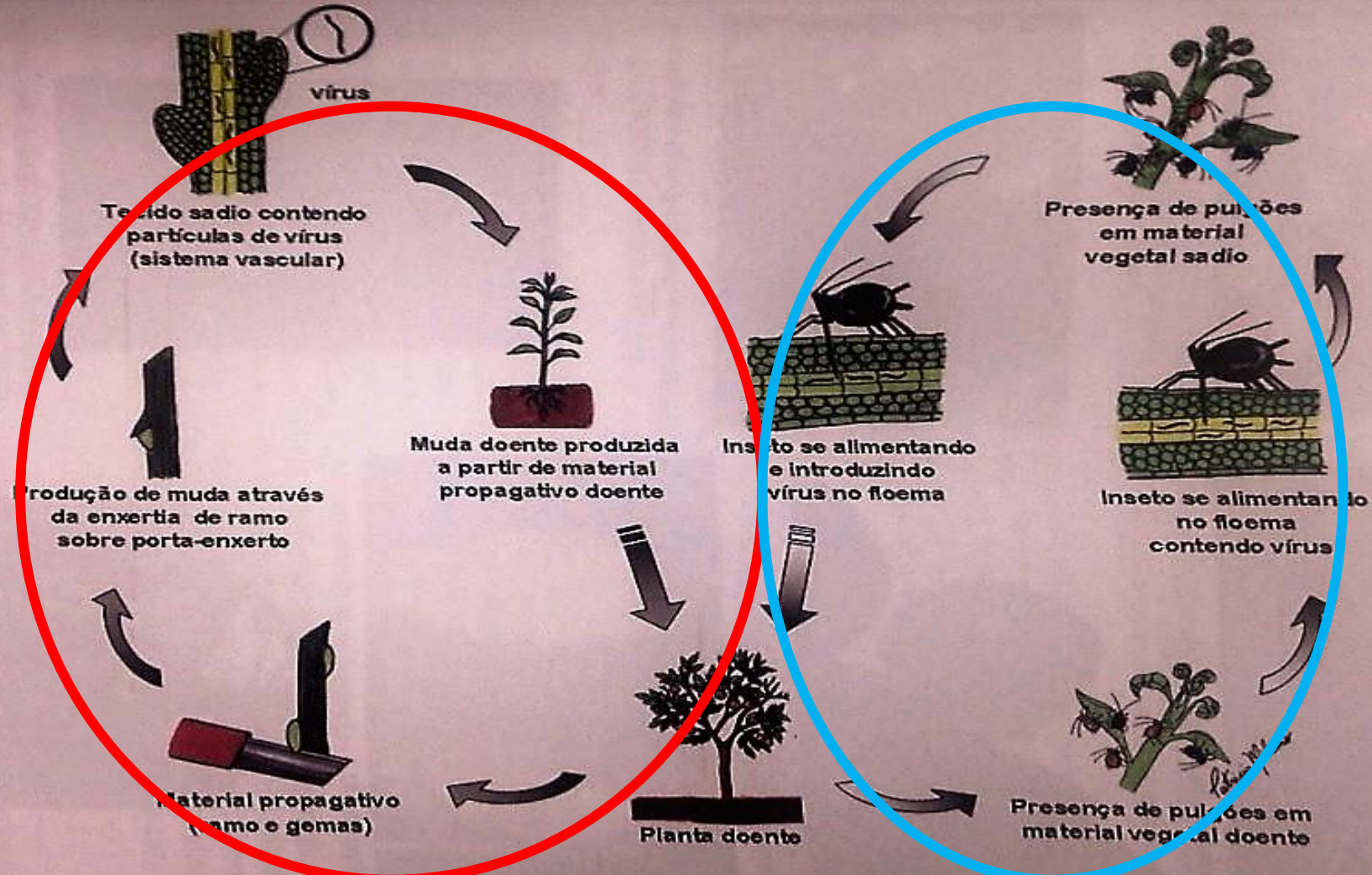
# Reprodução





# Ciclo Primário

# Ciclo Secundário



Prancha 31.1 - Ciclo da tristeza do citros causada pelo vírus da tristeza do citros.

# Infeção

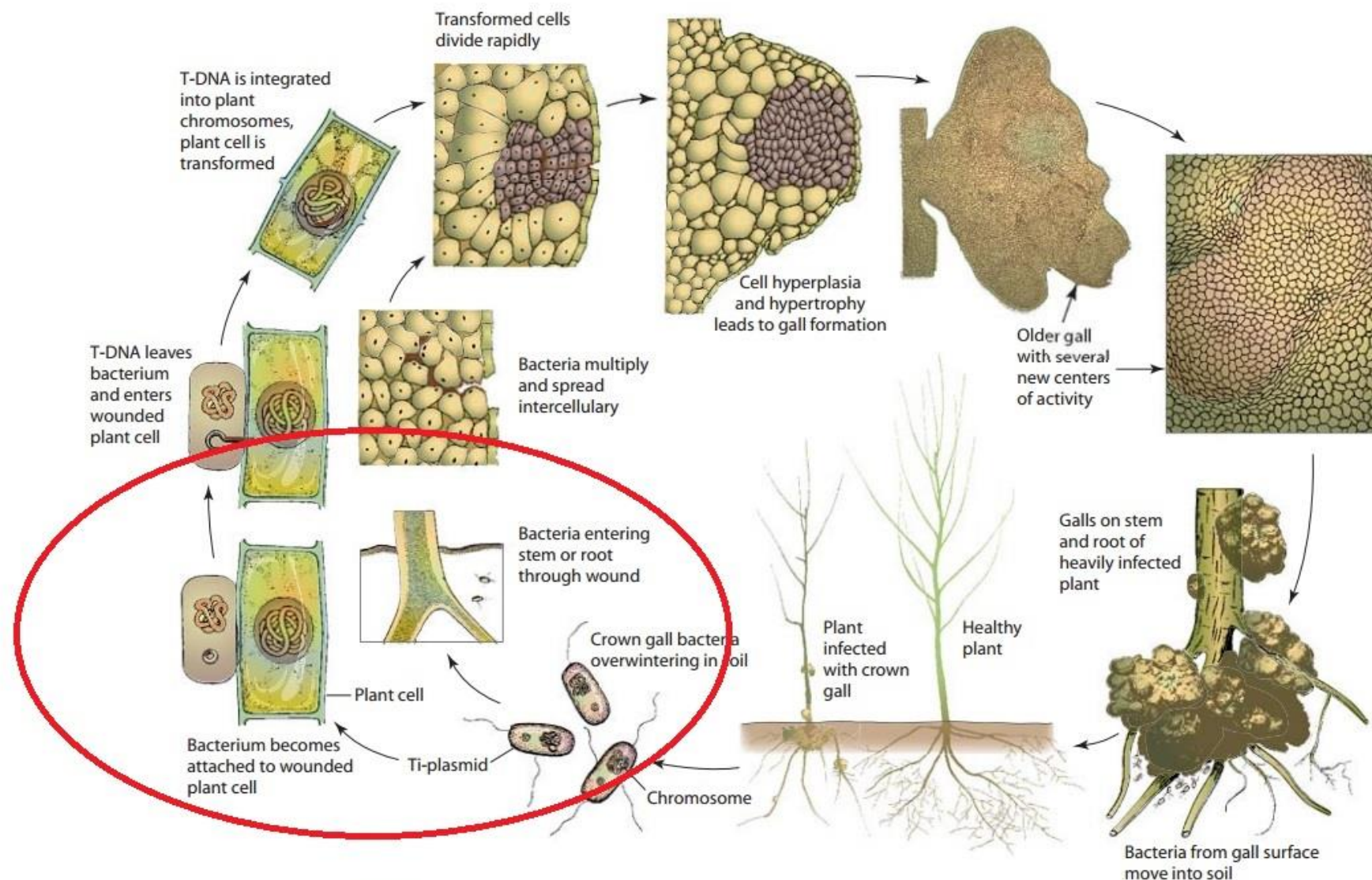


FIGURE 12-36 Disease cycle of crown gall caused by *Agrobacterium tumefaciens*.



# Colonização

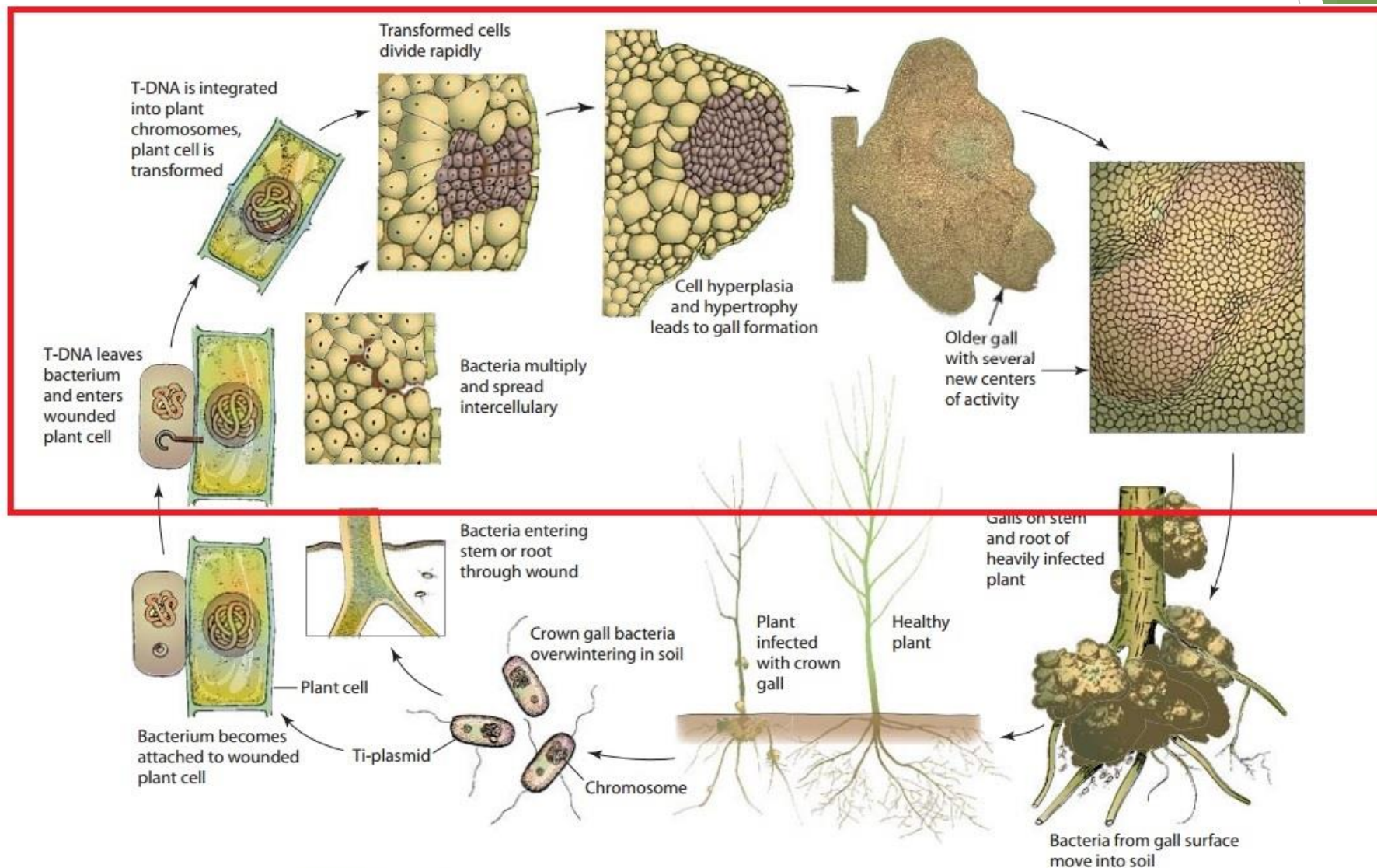


FIGURE 12-36 Disease cycle of crown gall caused by *Agrobacterium tumefaciens*.



# Reprodução

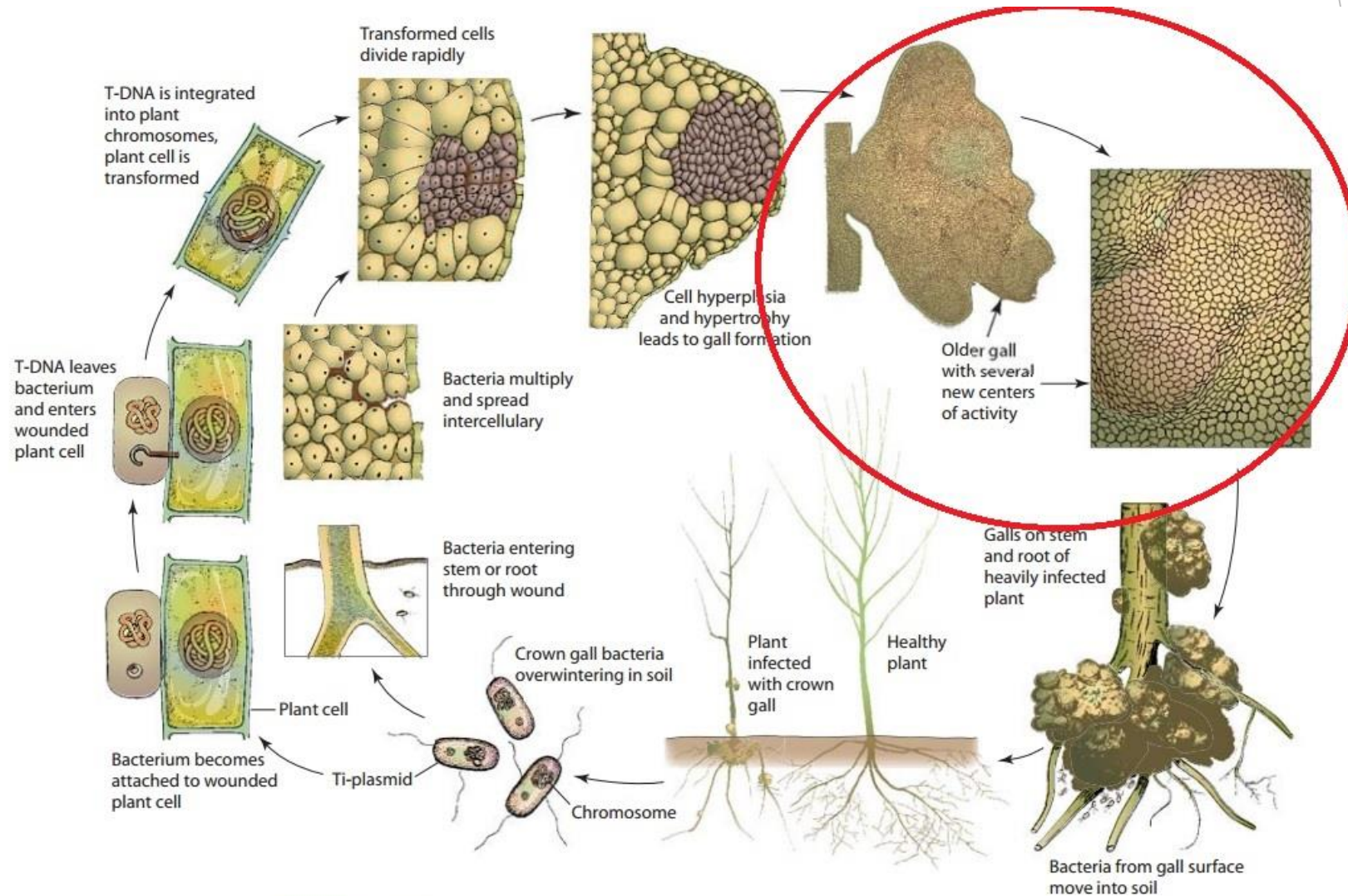


FIGURE 12-36 Disease cycle of crown gall caused by *Agrobacterium tumefaciens*.

# Disseminação

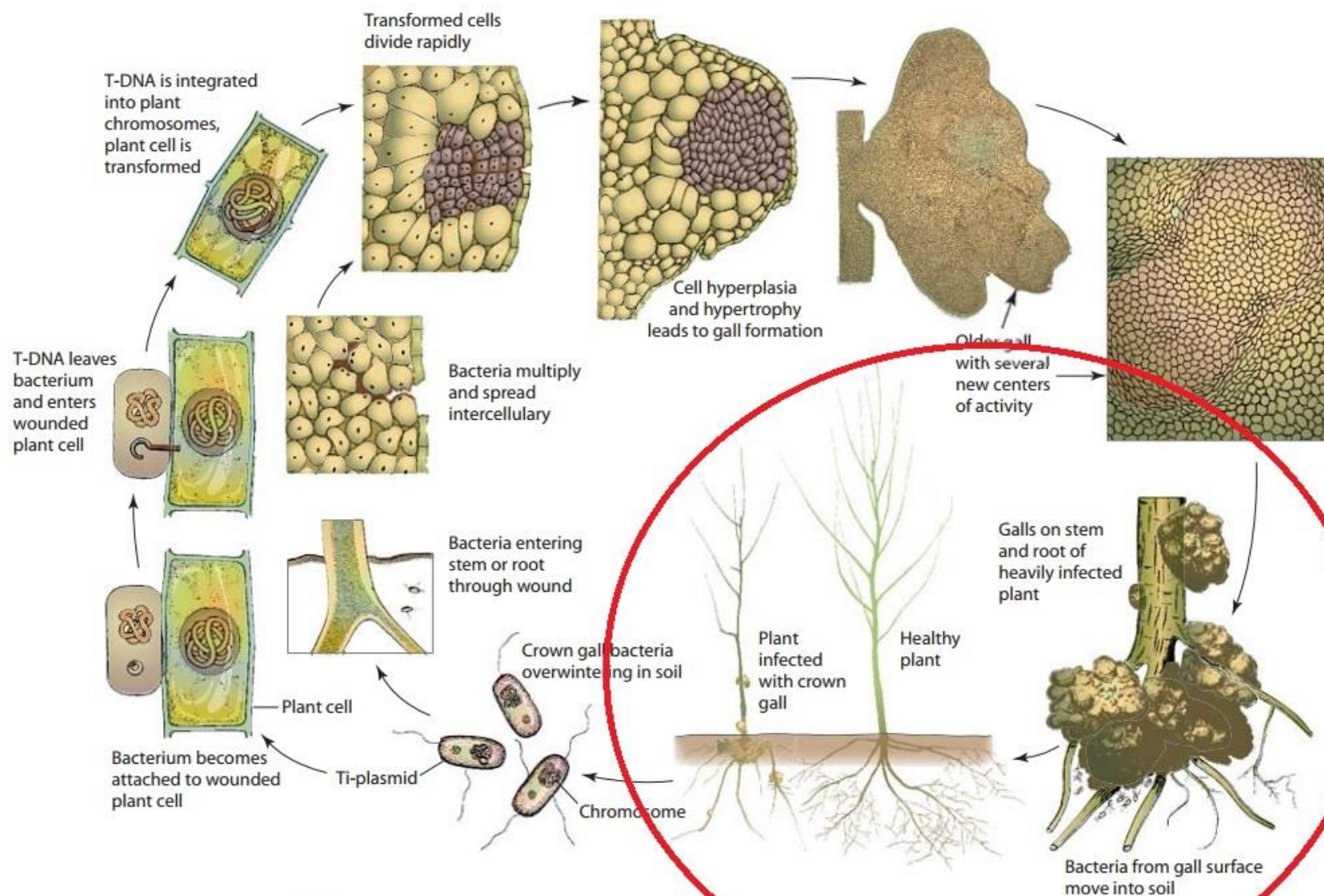


FIGURE 12-36 Disease cycle of crown gall caused by *Agrobacterium tumefaciens*.



# Sobrevivência

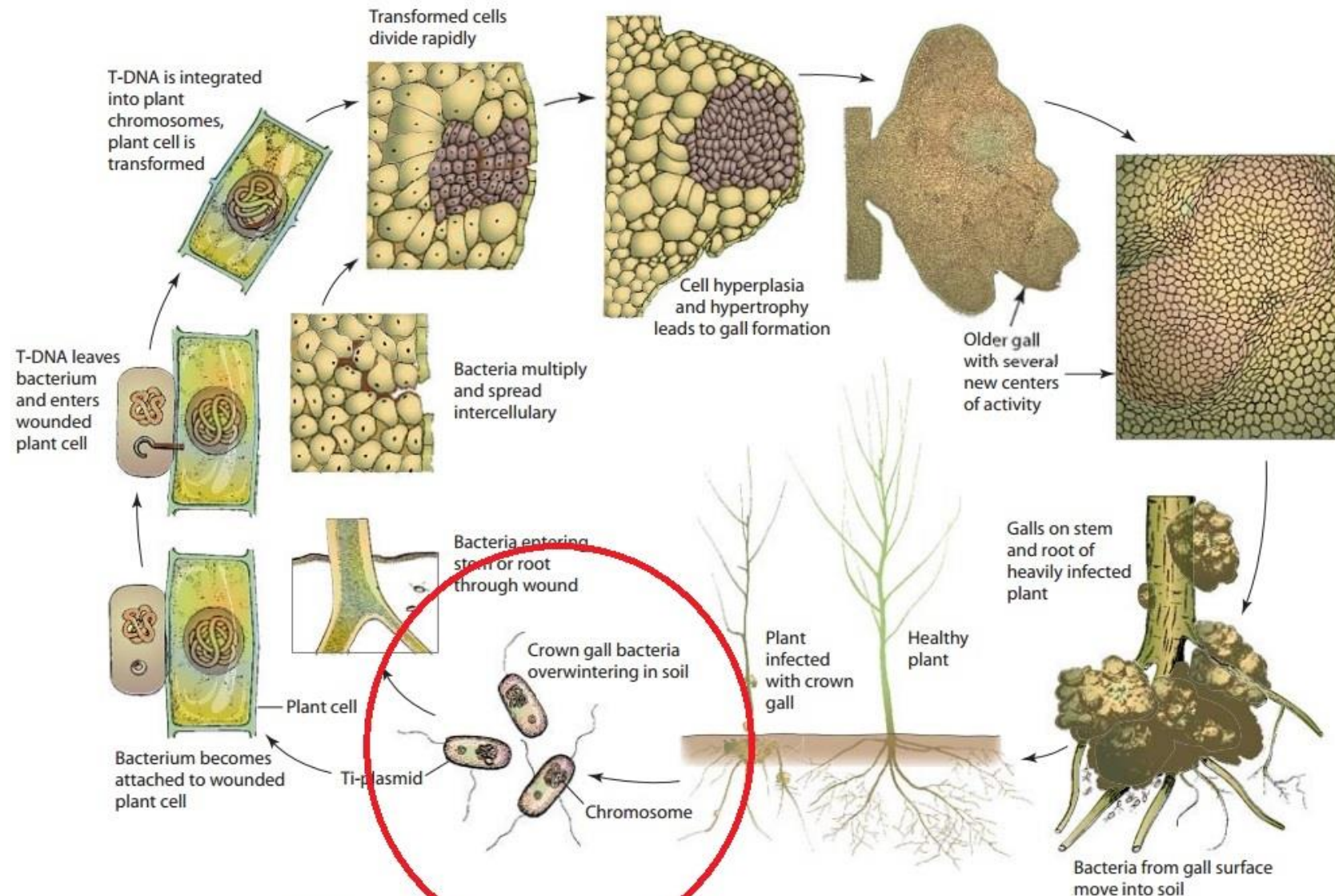
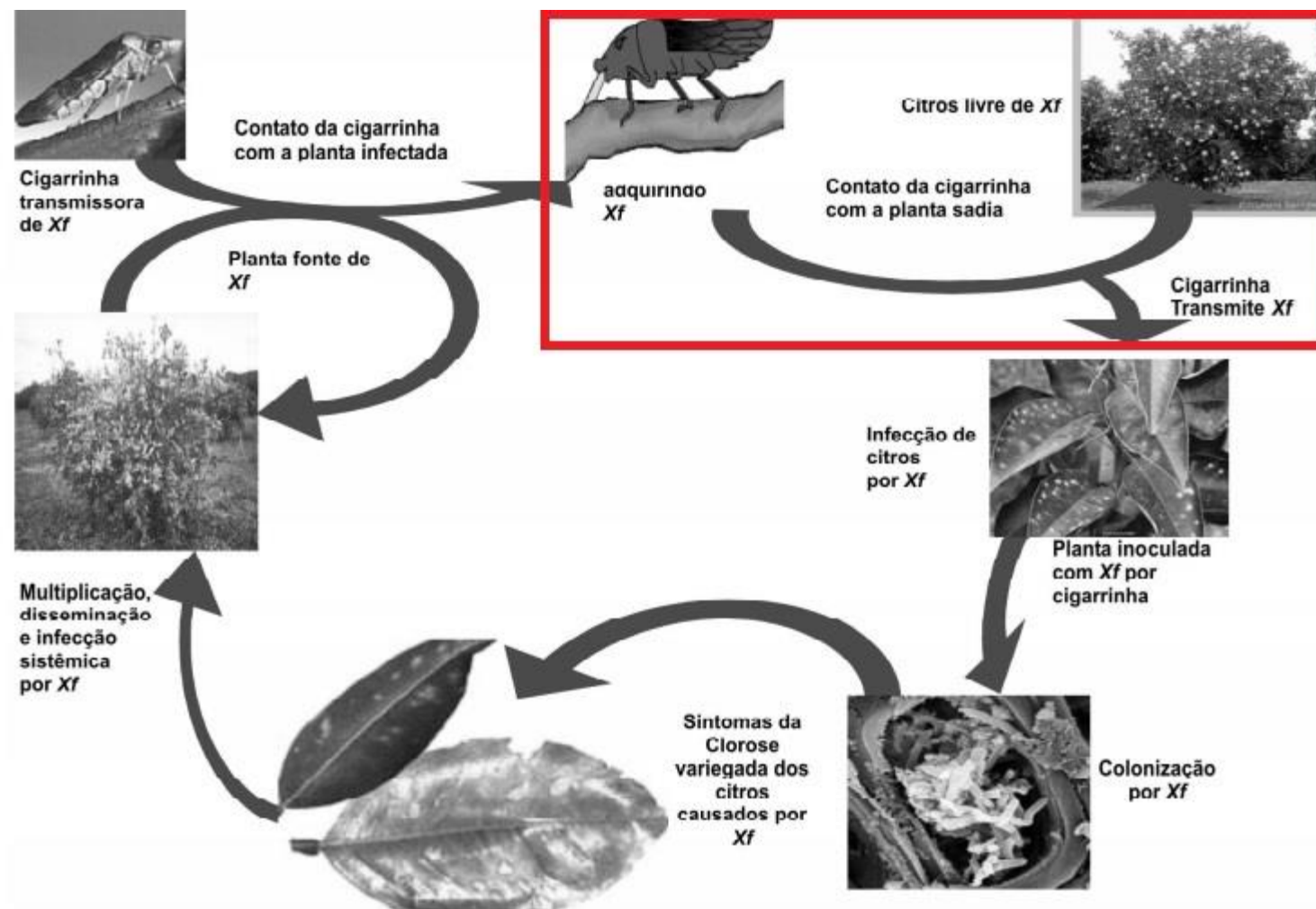


FIGURE 12-36 Disease cycle of crown gall caused by *Agrobacterium tumefaciens*.



Bactéria Fastidiosa - *X. fastidiosa*

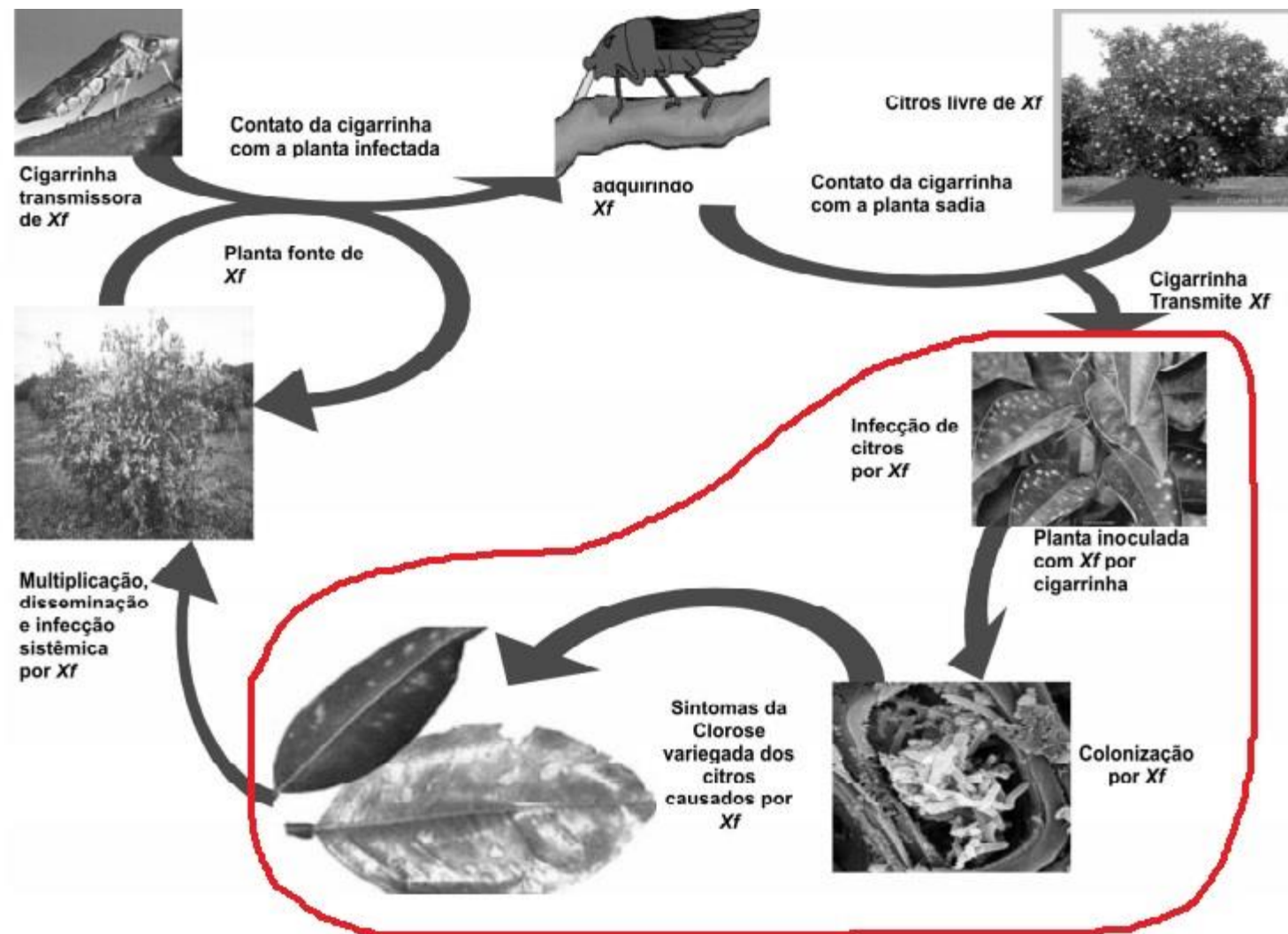
# Infeção



**Figura 7.** — Ciclo da clorose-variegada dos citros causada por *Xylella fastidiosa* (*Xf*) (Fonte: [http://www.ipm.ucdavis.edu/PD/pdrfp\\_attacha.html](http://www.ipm.ucdavis.edu/PD/pdrfp_attacha.html)).

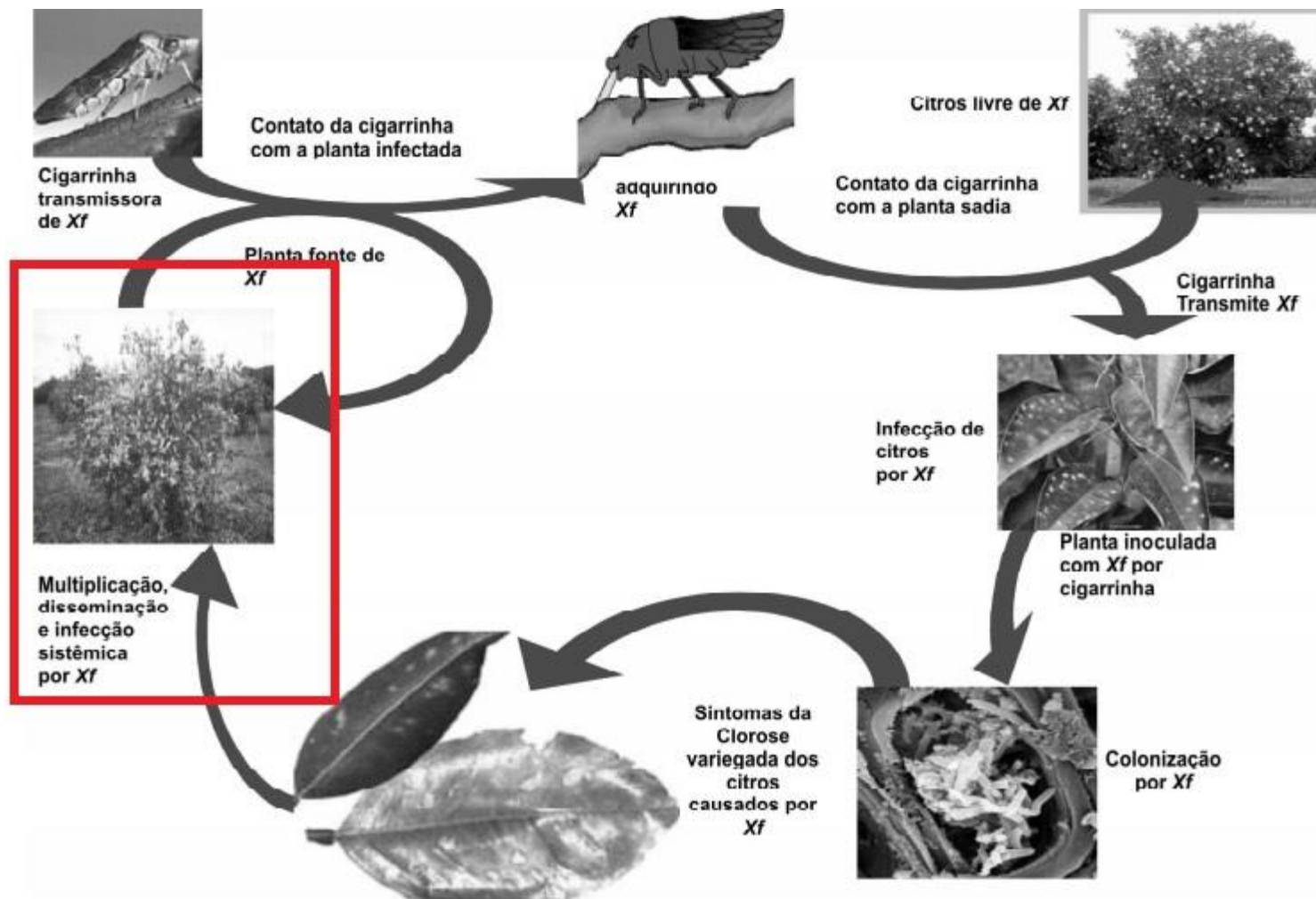


# Colonização



**Figura 7.** — Ciclo da clorose-variegada dos citros causada por *Xylella fastidiosa* (Xf) (Fonte: [http://www.ipm.ucdavis.edu/PD/pdrfp\\_attacha.html](http://www.ipm.ucdavis.edu/PD/pdrfp_attacha.html)).

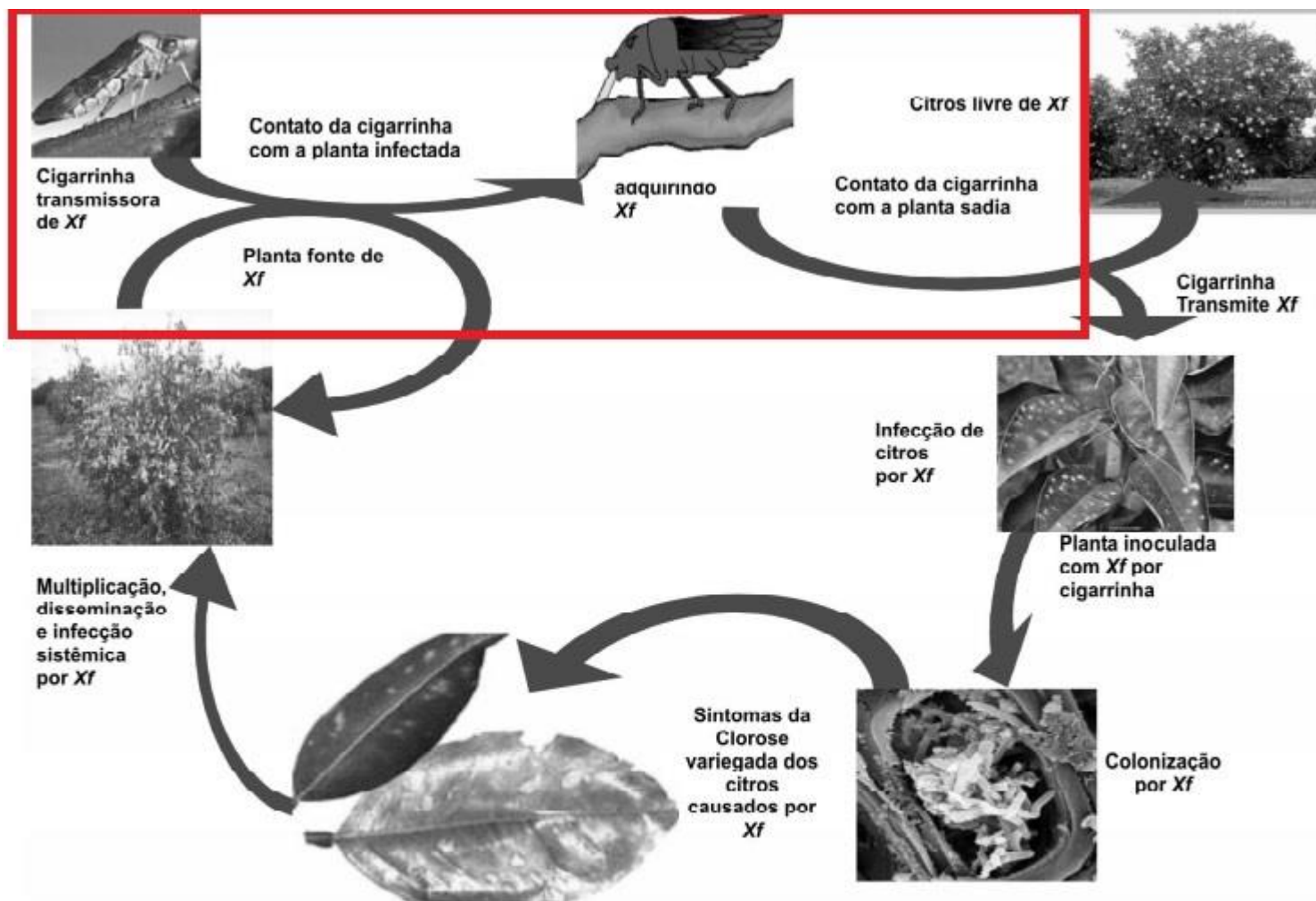
# Reprodução



**Figura 7.** — Ciclo da clorose-variegada dos citros causada por *Xylella fastidiosa* (Xf) (Fonte: [http://www.ipm.ucdavis.edu/PD/pdrfp\\_attacha.html](http://www.ipm.ucdavis.edu/PD/pdrfp_attacha.html)).

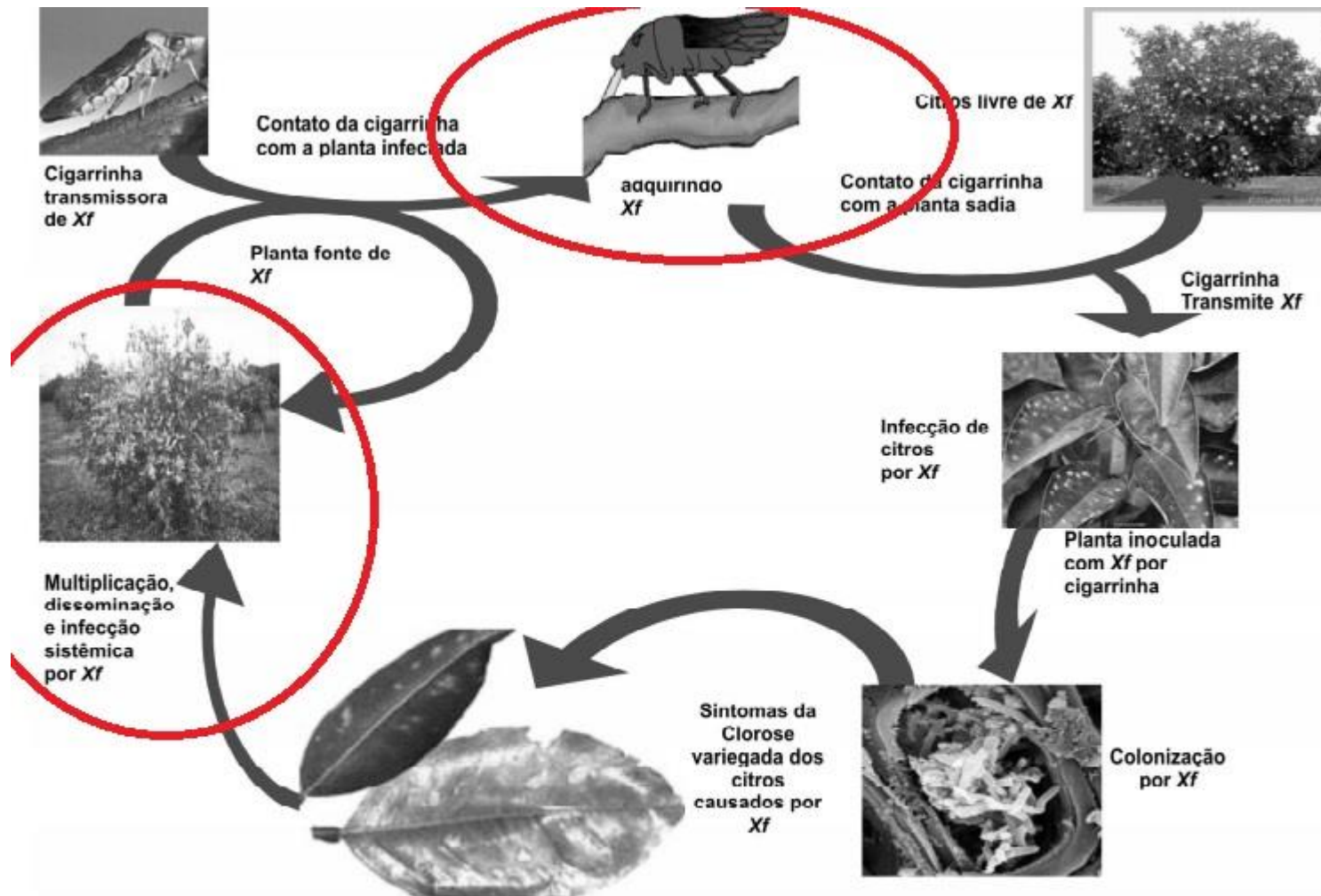


# Disseminação



**Figura 7.** — Ciclo da clorose-variegada dos citros causada por *Xylella fastidiosa* (Xf) (Fonte: [http://www.ipm.ucdavis.edu/PD/pdrfp\\_attacha.html](http://www.ipm.ucdavis.edu/PD/pdrfp_attacha.html)).

# Sobrevivência

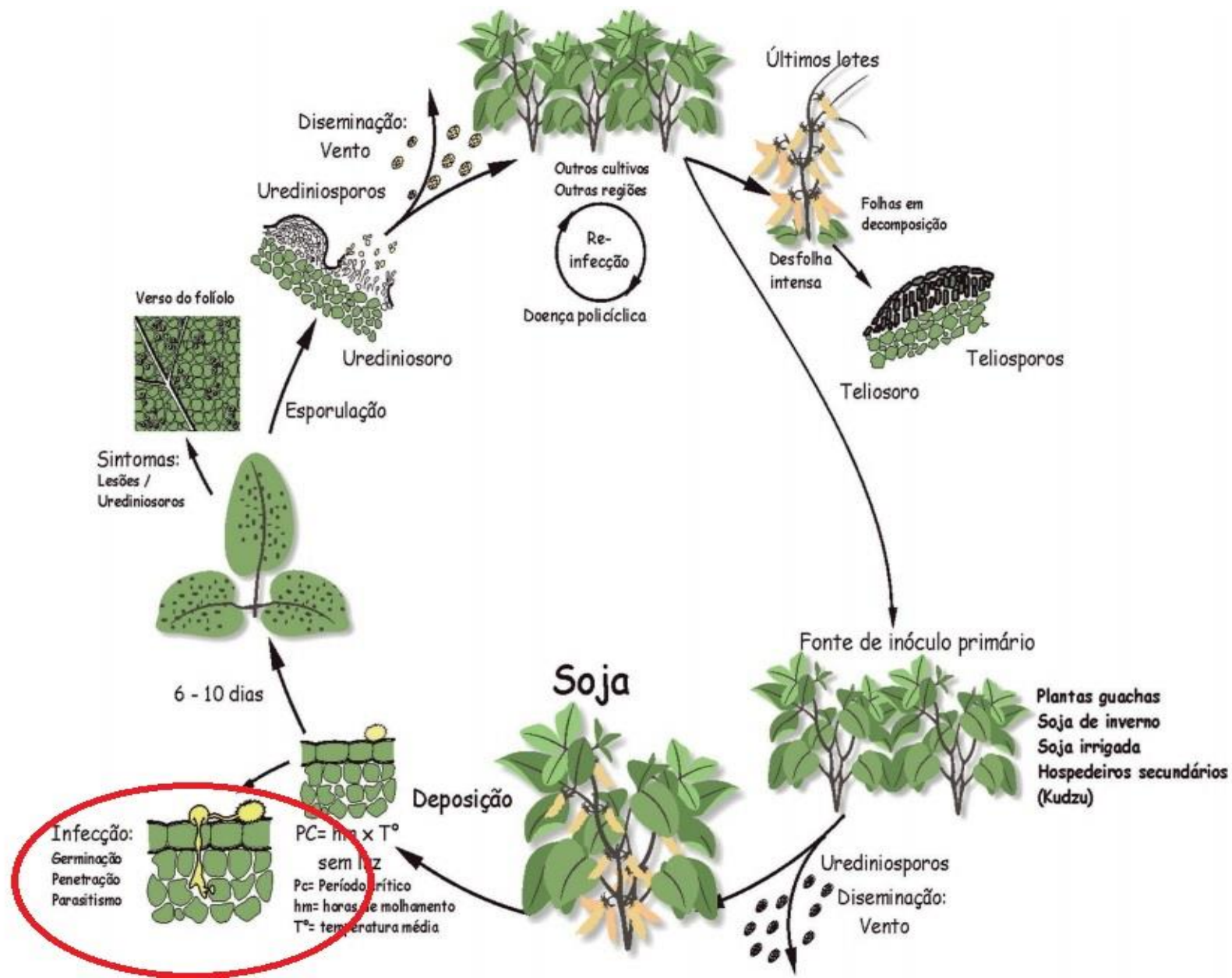


**Figura 7.** — Ciclo da clorose-variegada dos citros causada por *Xylella fastidiosa* (Xf) (Fonte: [http://www.ipm.ucdavis.edu/PD/pdrfp\\_attacha.html](http://www.ipm.ucdavis.edu/PD/pdrfp_attacha.html)).



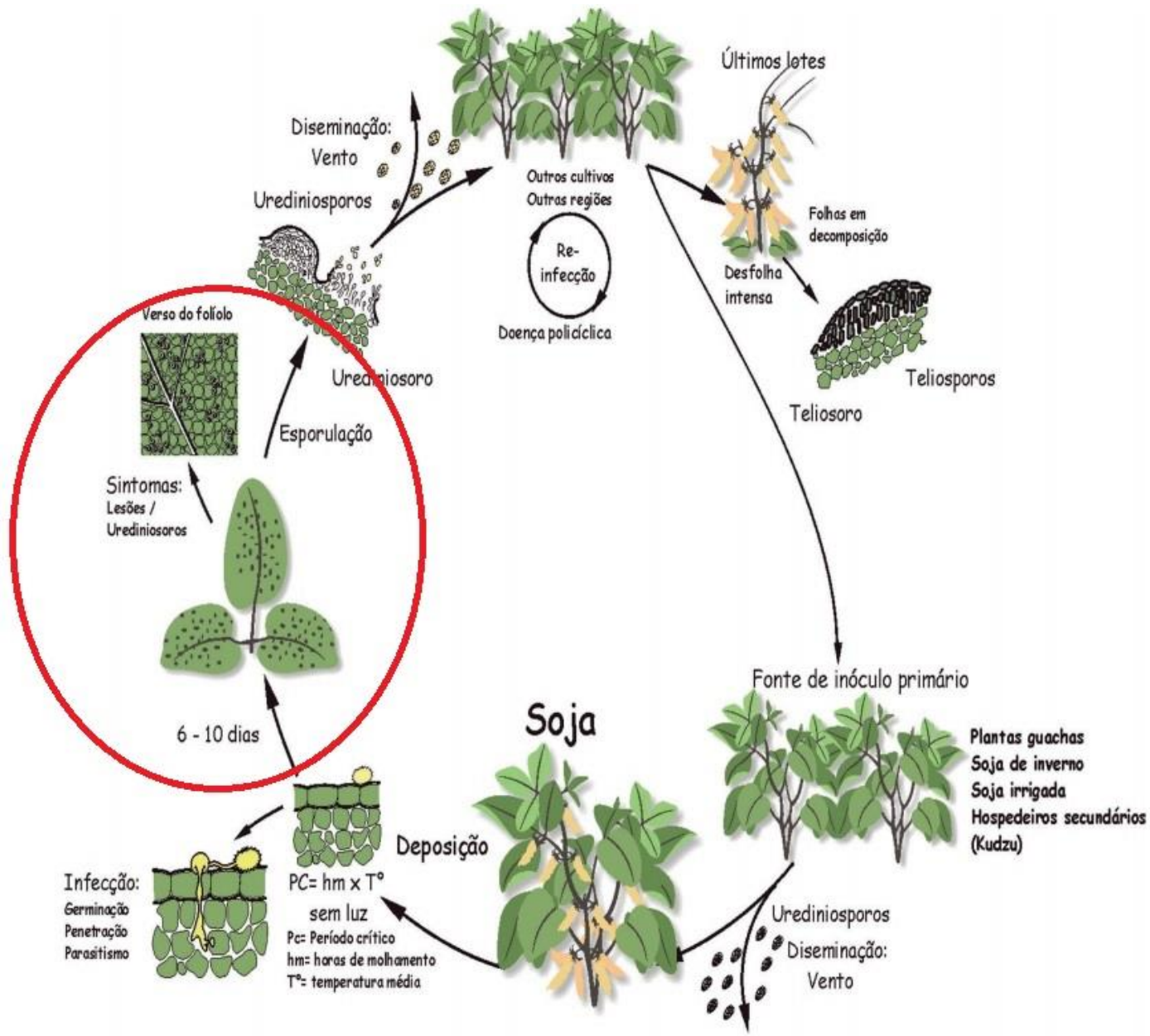
*Phakopsora pachyrizi*

# Infecção

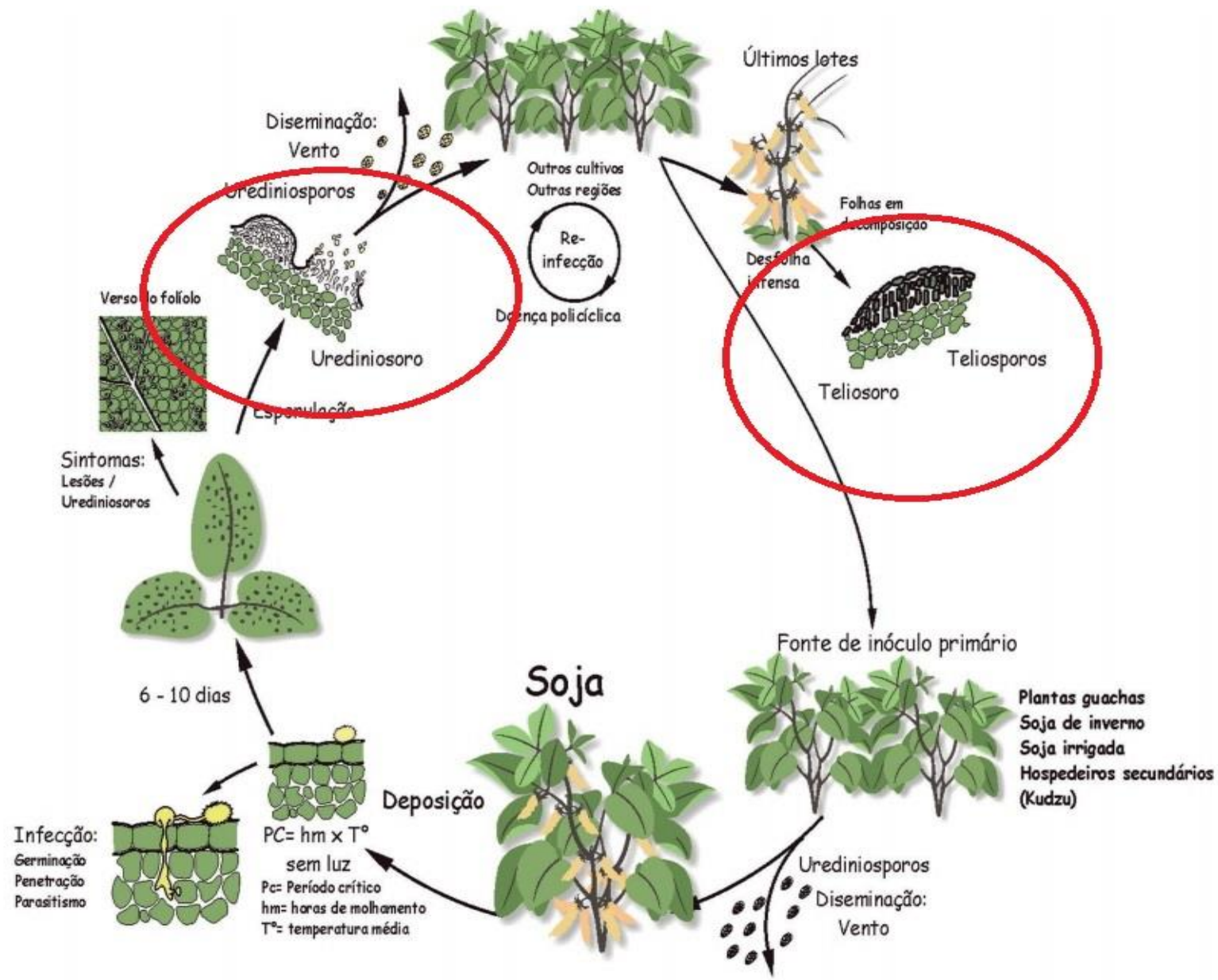




# Colonização

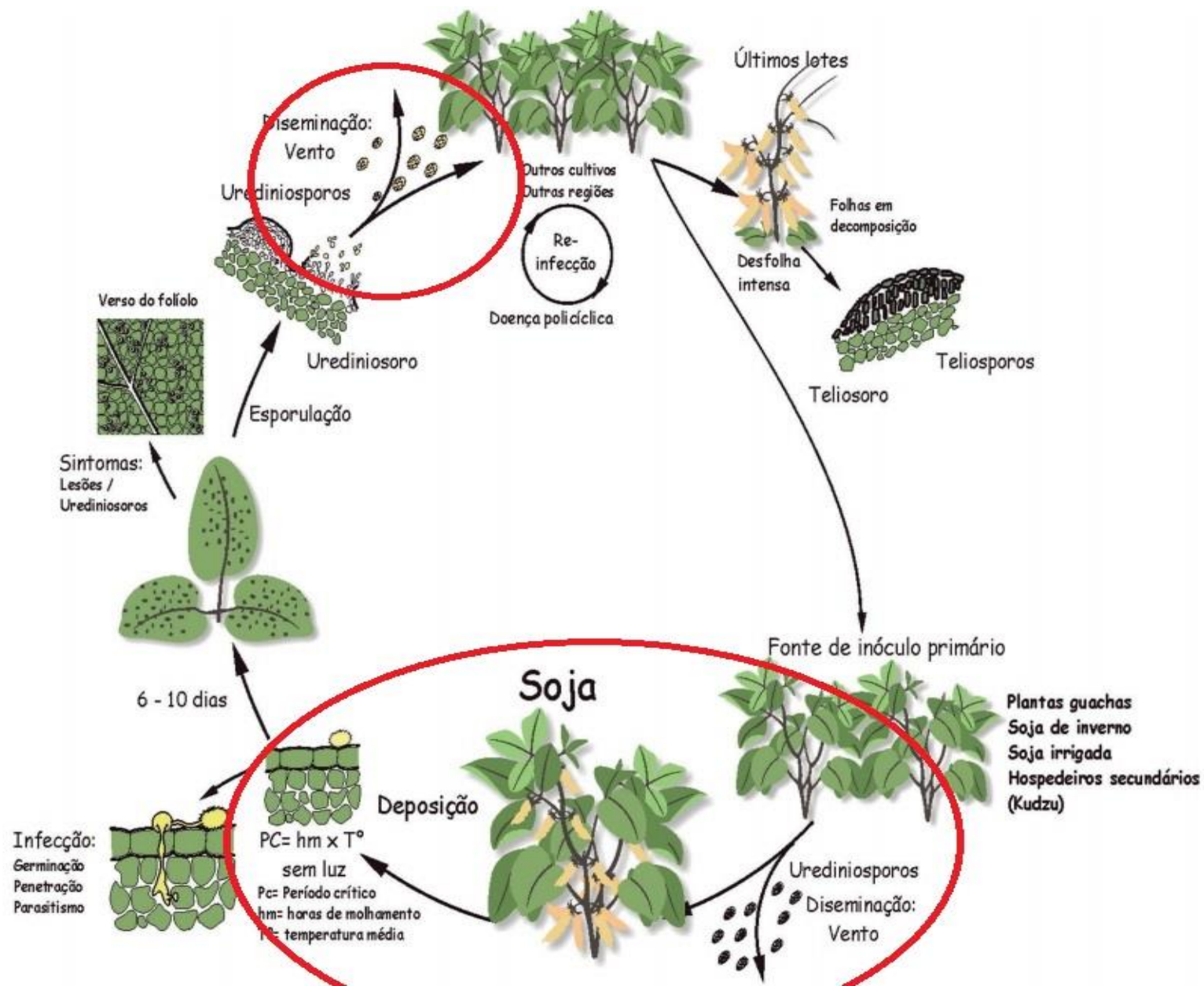


# Reprodução

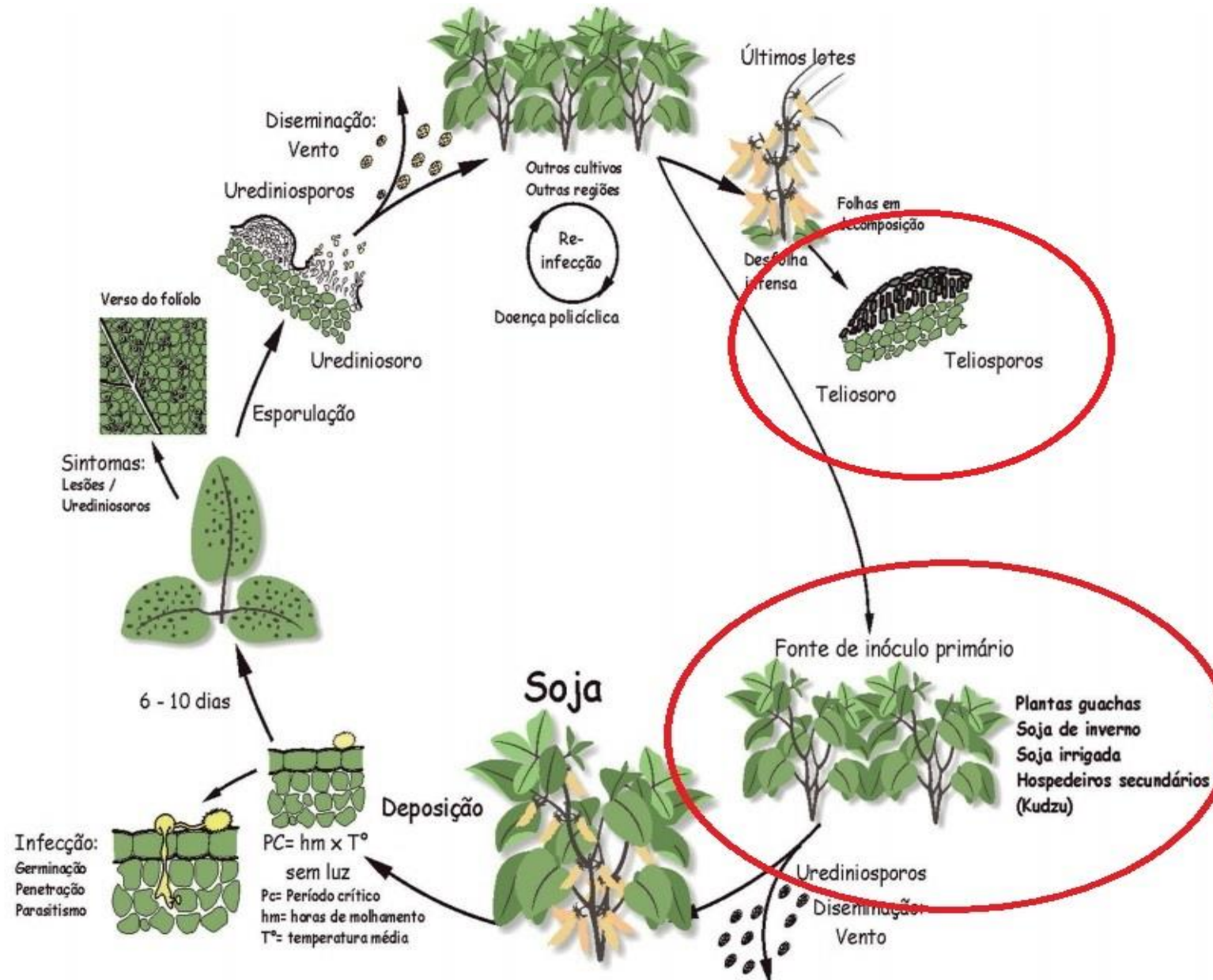




# Disseminação

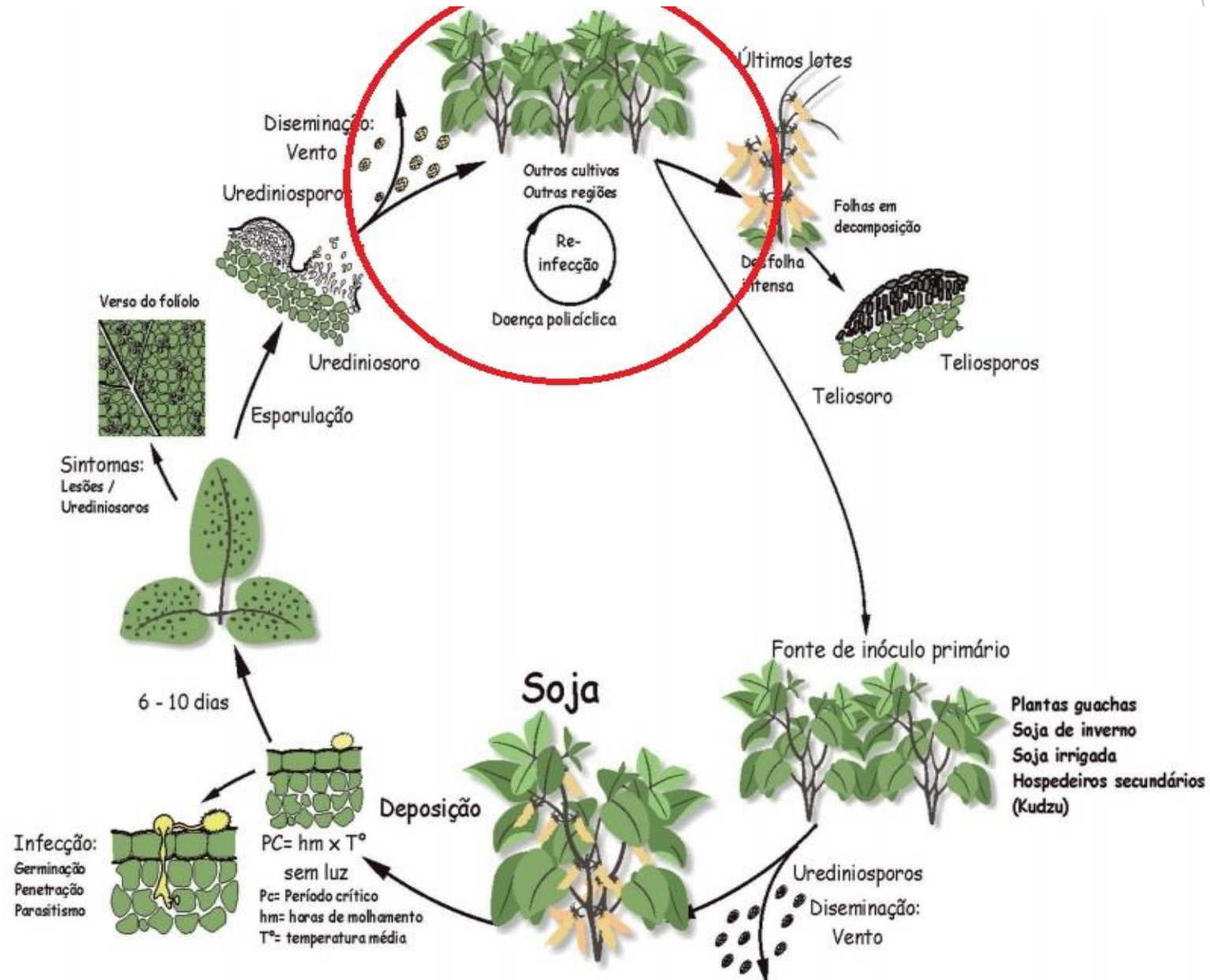


# Sobrevivência





# Ciclo Secundário



*Striga asiatica*



# Infeção

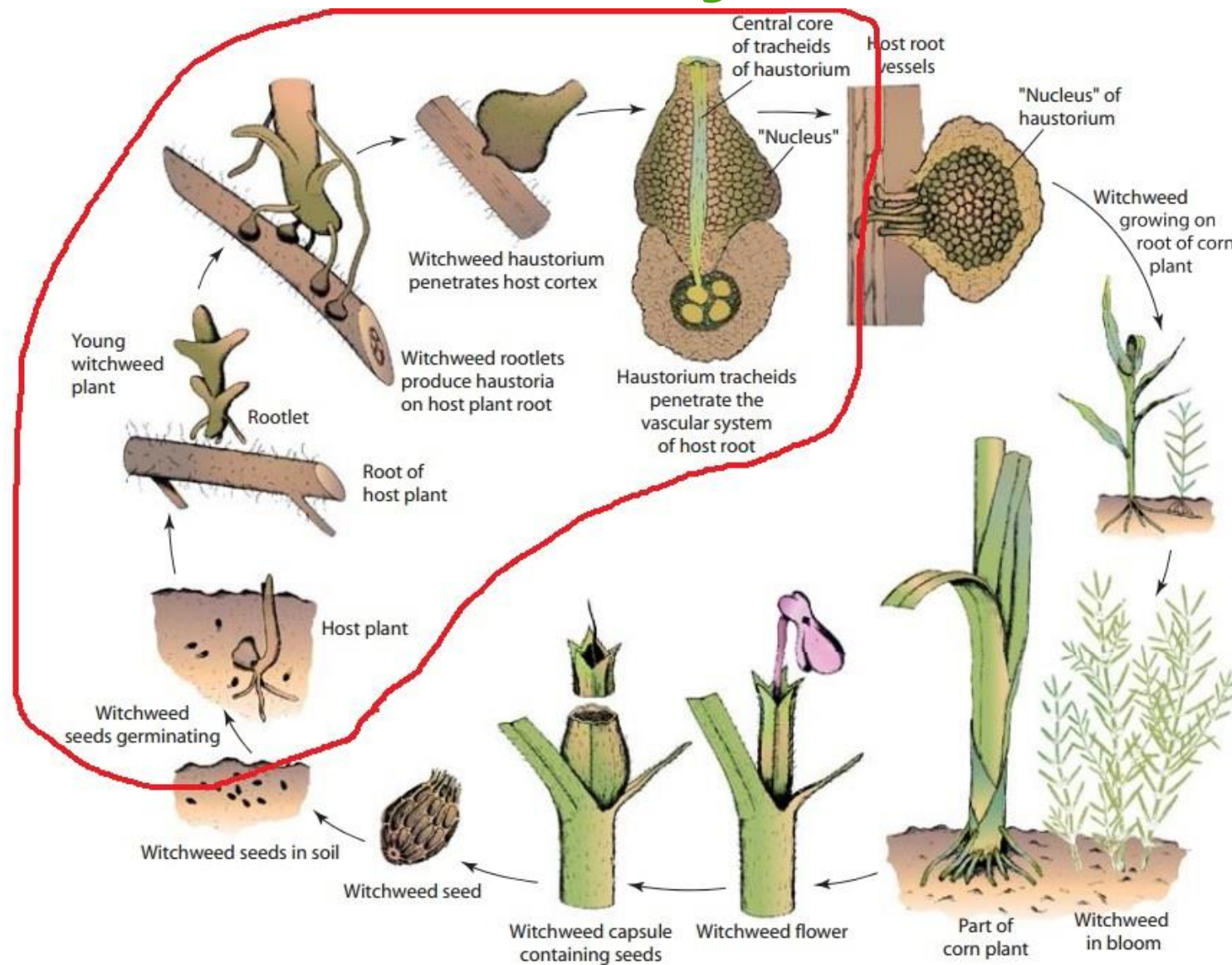


FIGURE 13-4 Disease cycle of witchweed (*Striga asiatica*) on corn.

# Colonização

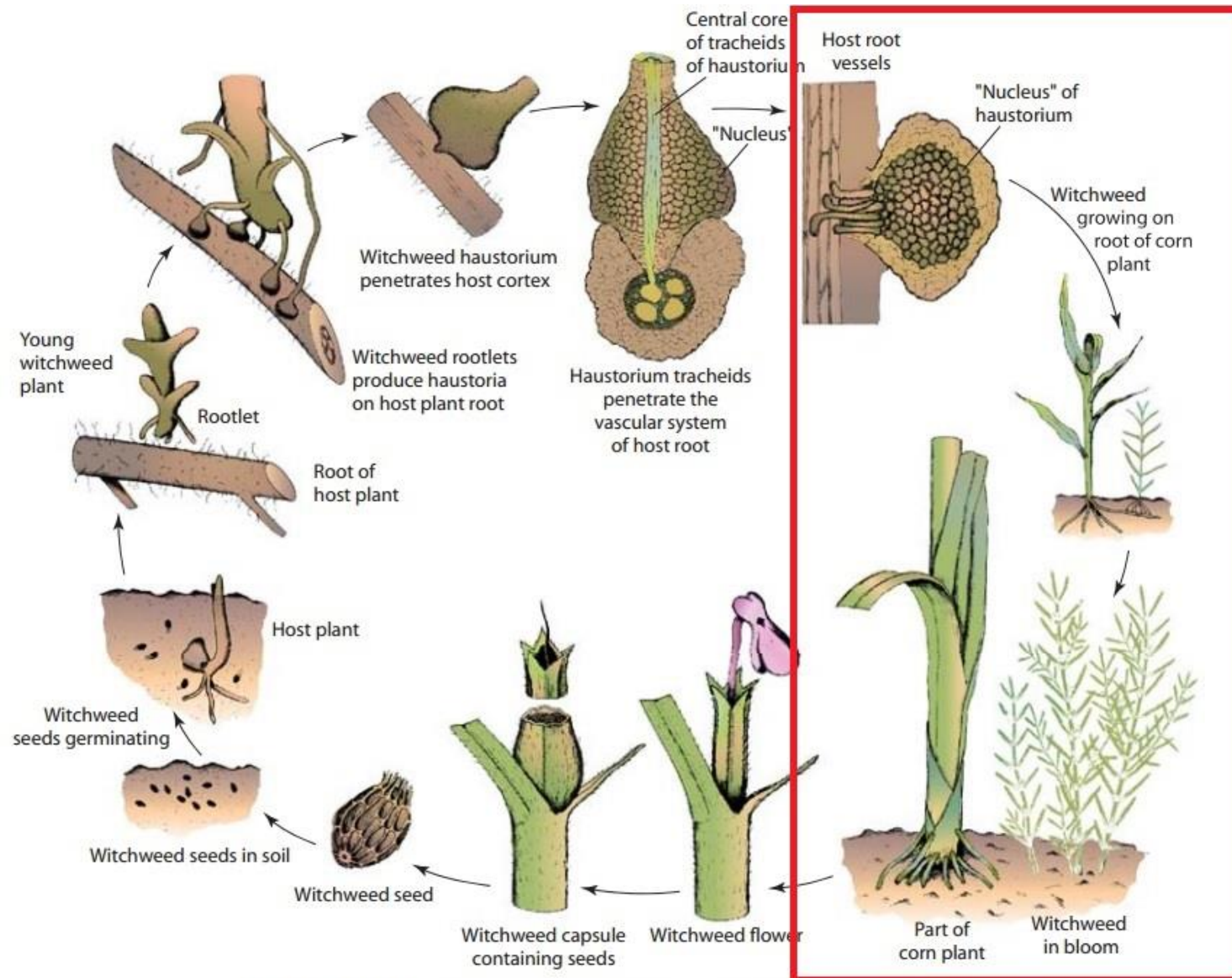


FIGURE 13-4 Disease cycle of witchweed (*Striga asiatica*) on corn.



# Reprodução

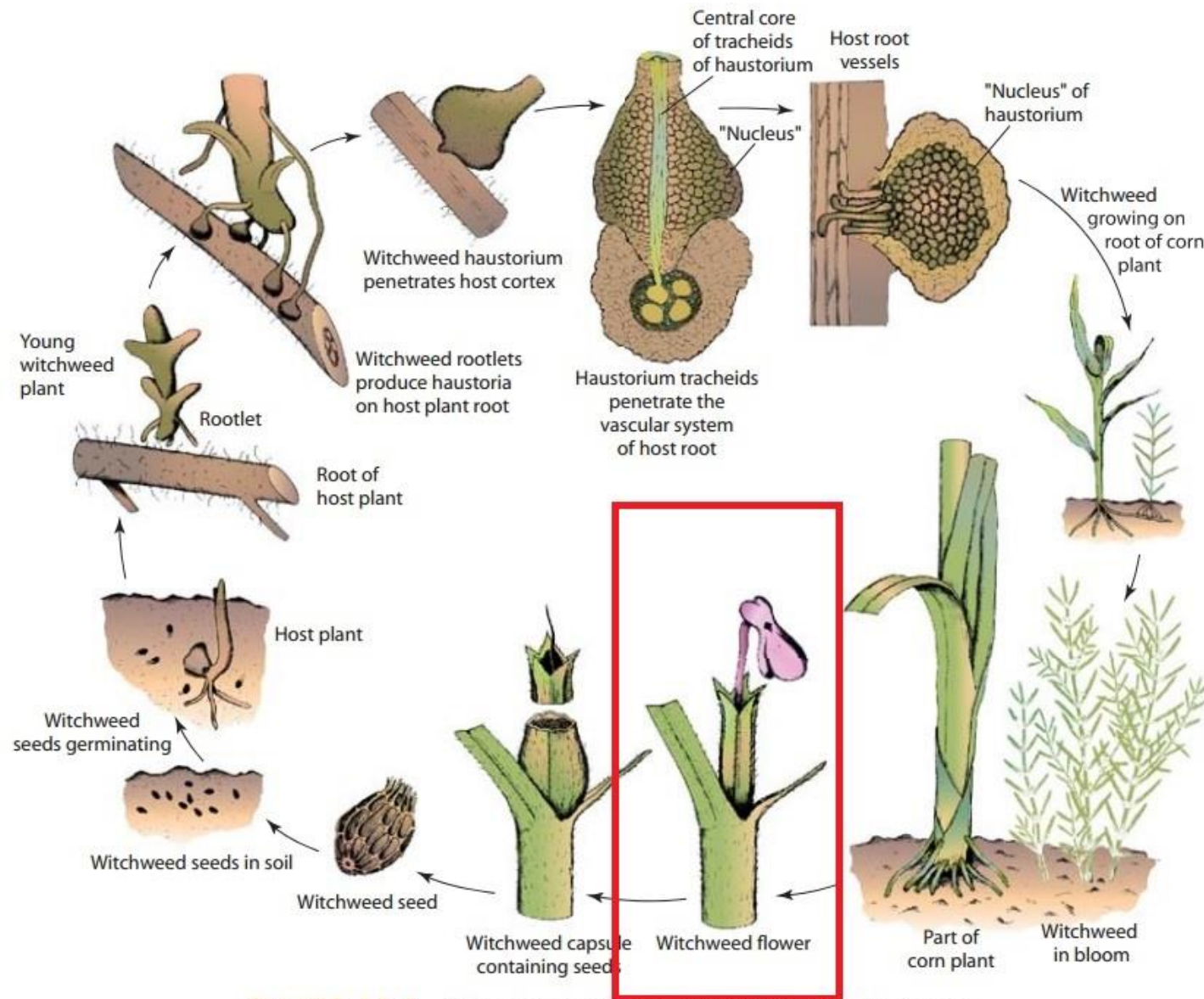


FIGURE 13-4 Disease cycle of witchweed (*Striga asiatica*) on corn.



# Disseminação

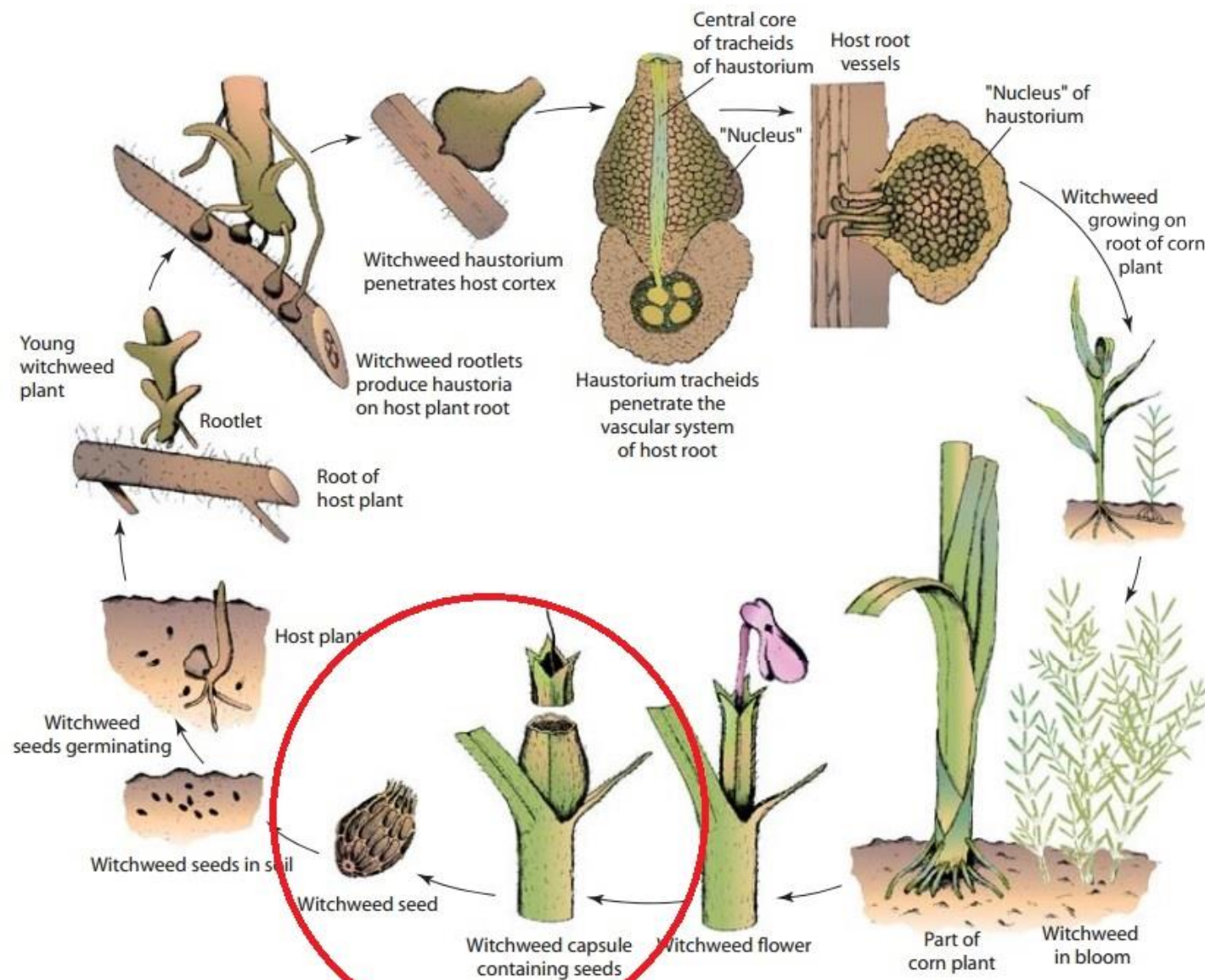


FIGURE 13.4 Disease cycle of witchweed (*Striga asiatica*) on corn.

# Sobrevivência

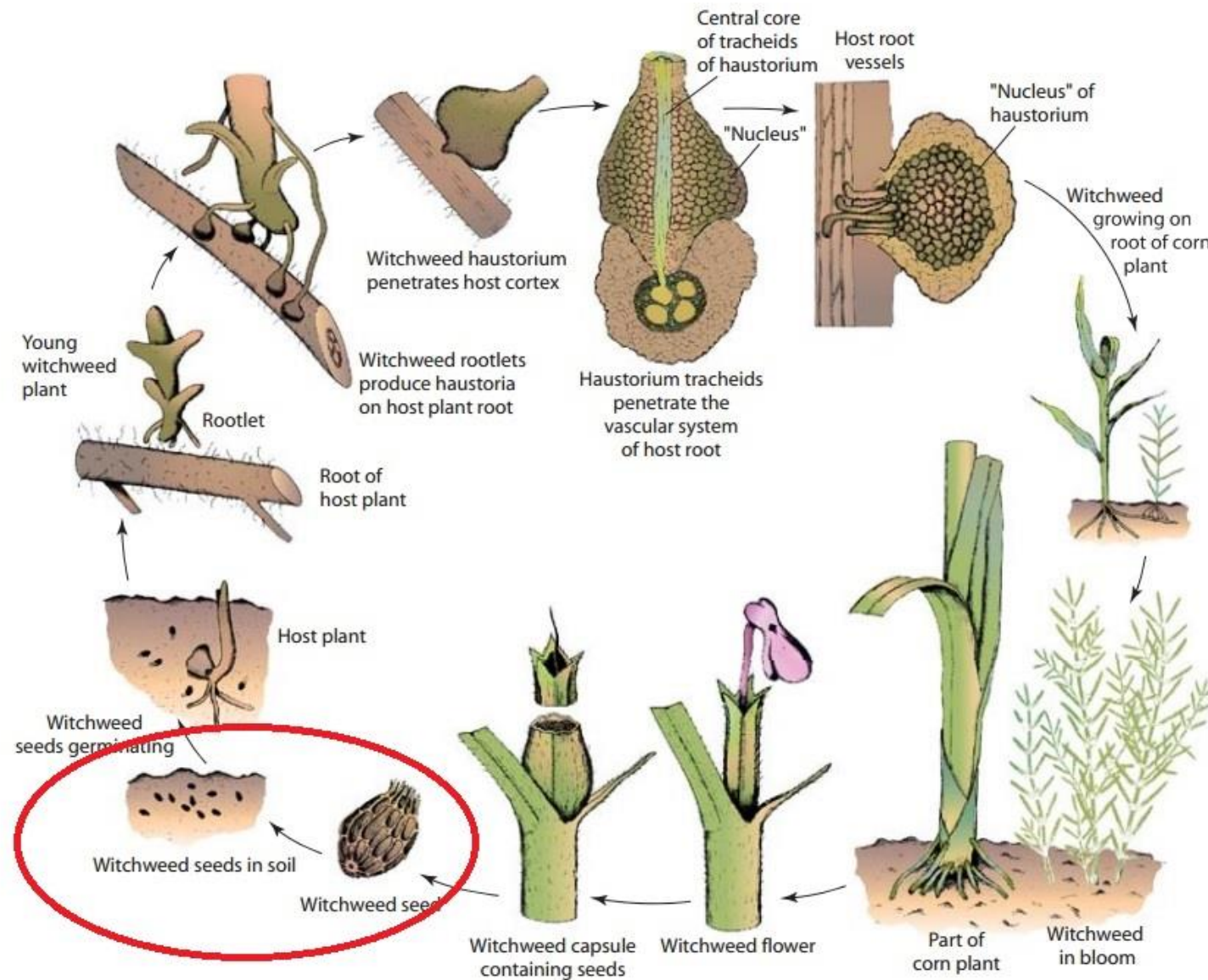


FIGURE 13-4 Disease cycle of witchweed (*Striga asiatica*) on corn.