

Muscadine Training and Pruning



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Generally Two Scenarios

Commercial/Fruit Production



Homeowner



Why pruning?

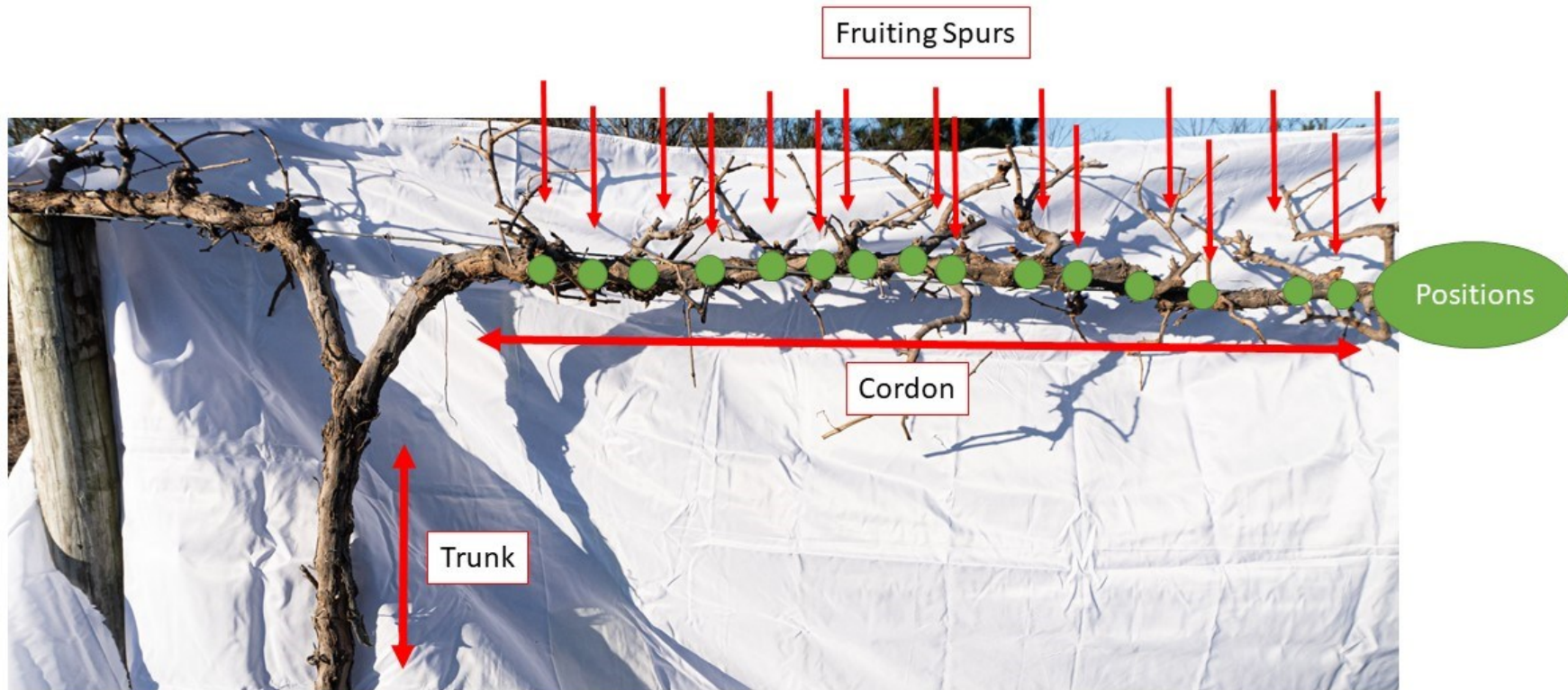
What are the bad decisions?

It all starts with Training

Correct/Good pruning

Commercial 'bad' pruning decisions?

- Bad / rushed vine training!
- Bad pruning: Crown Cuts/ Flesh Cuts/ Reposition Cuts



Spur Pruning System







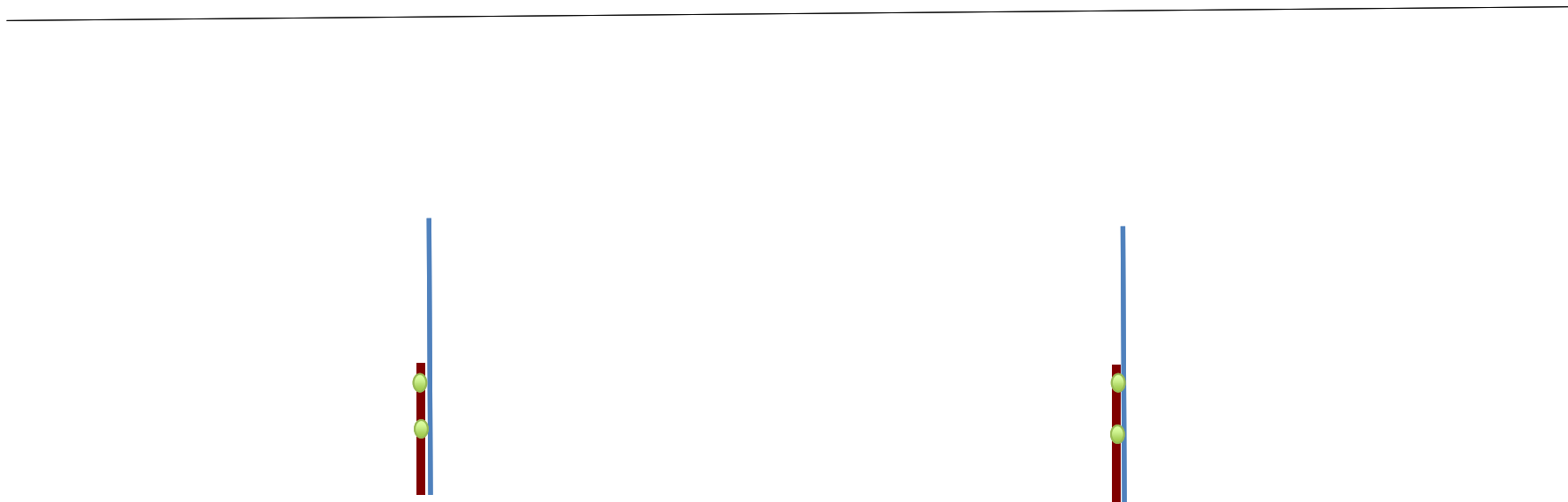






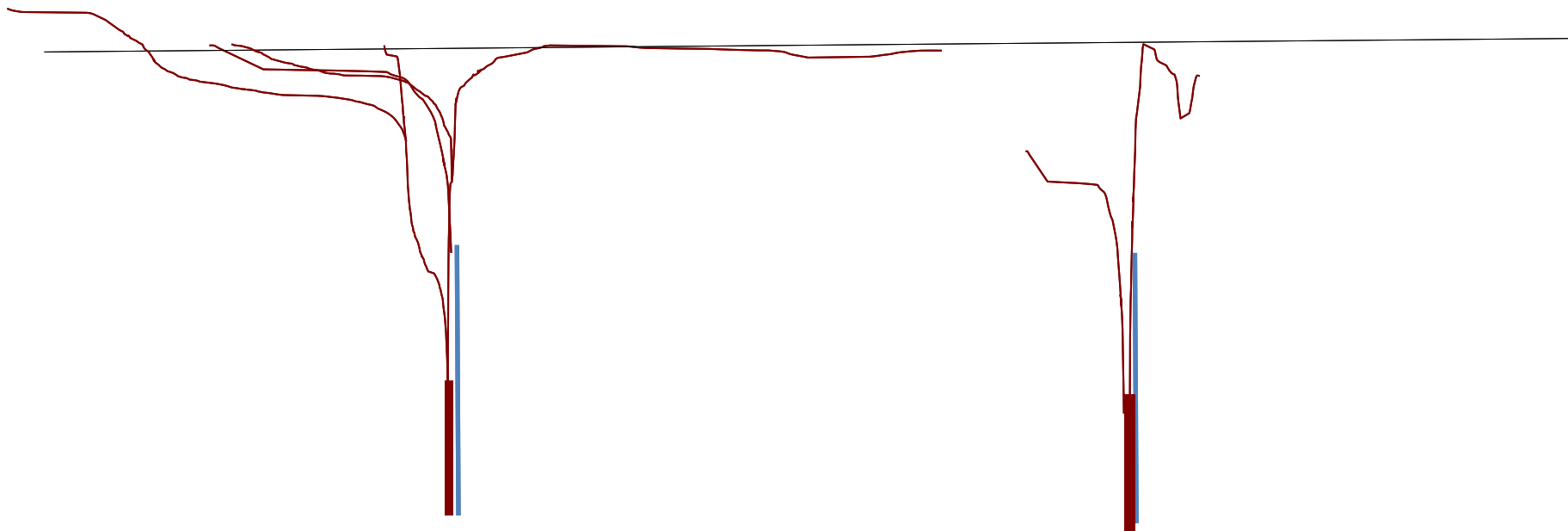
How do we avoid this?

- GOOD TRAINING!!!!!!!!!!
- Controlled pruning!!!!



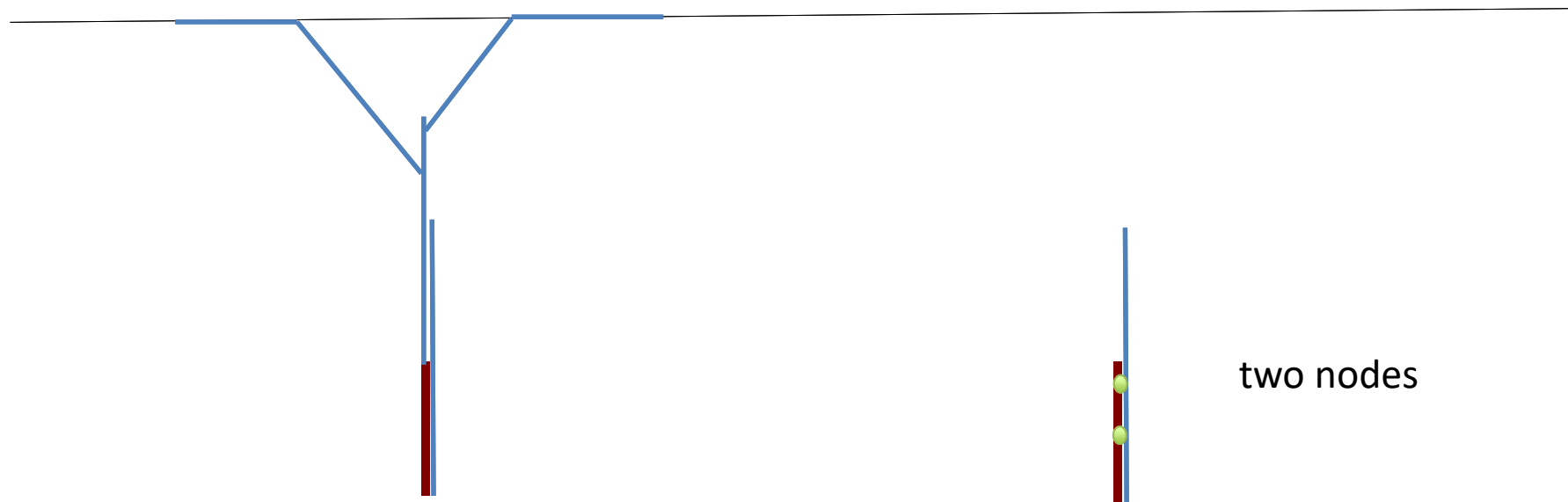
Strong Growth

Weak and Medium
Growth

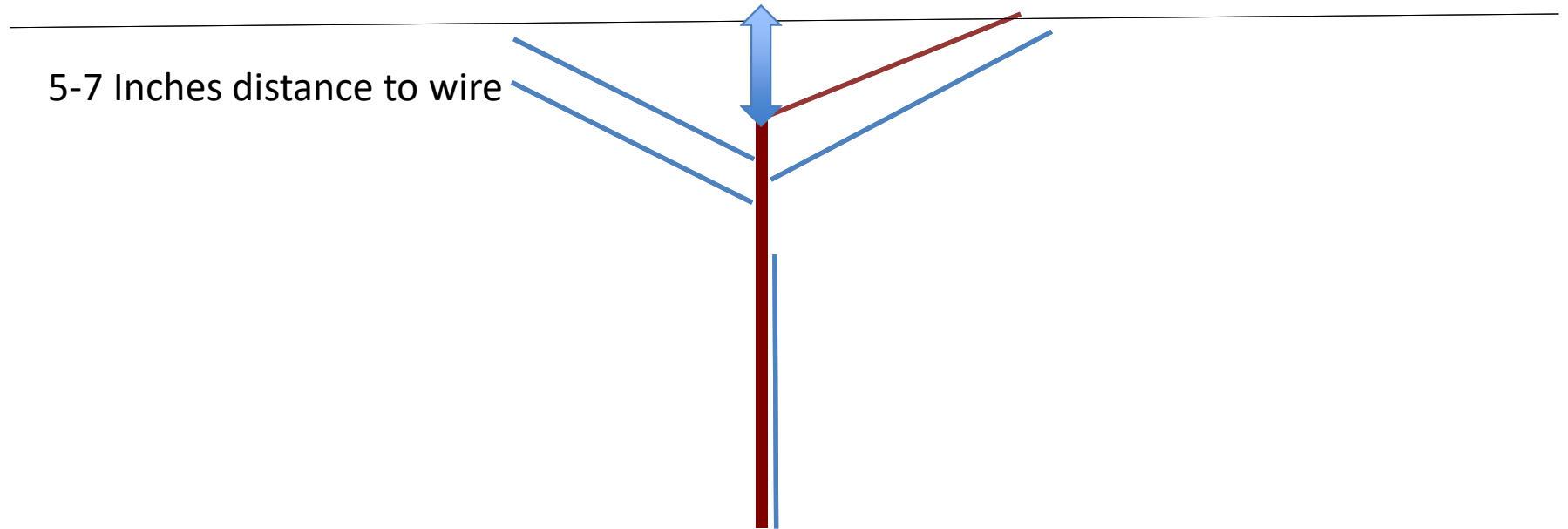


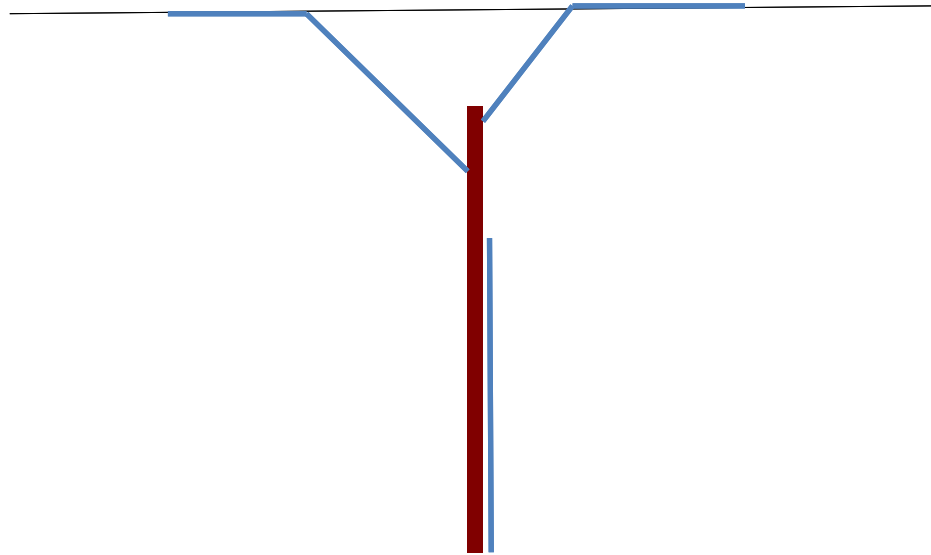
Strong growth

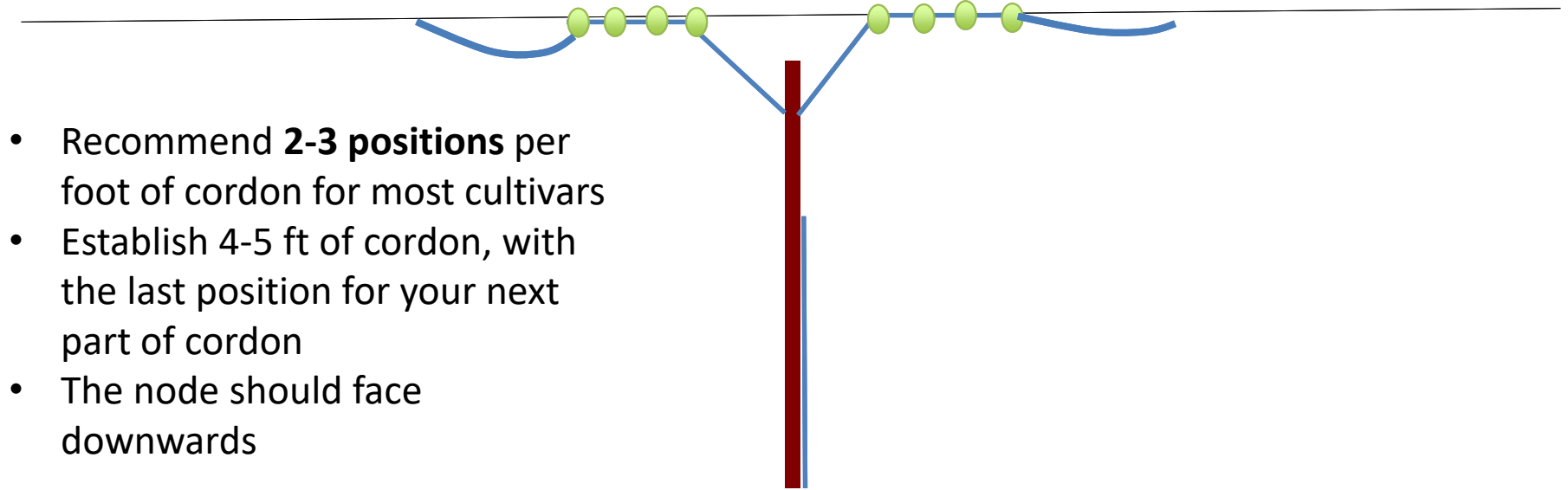
Everything else!



Repeat this until Medium growth (max 3 years)







Muscadine Pruning 101:
If your young muscadine vine is
'too crowded'



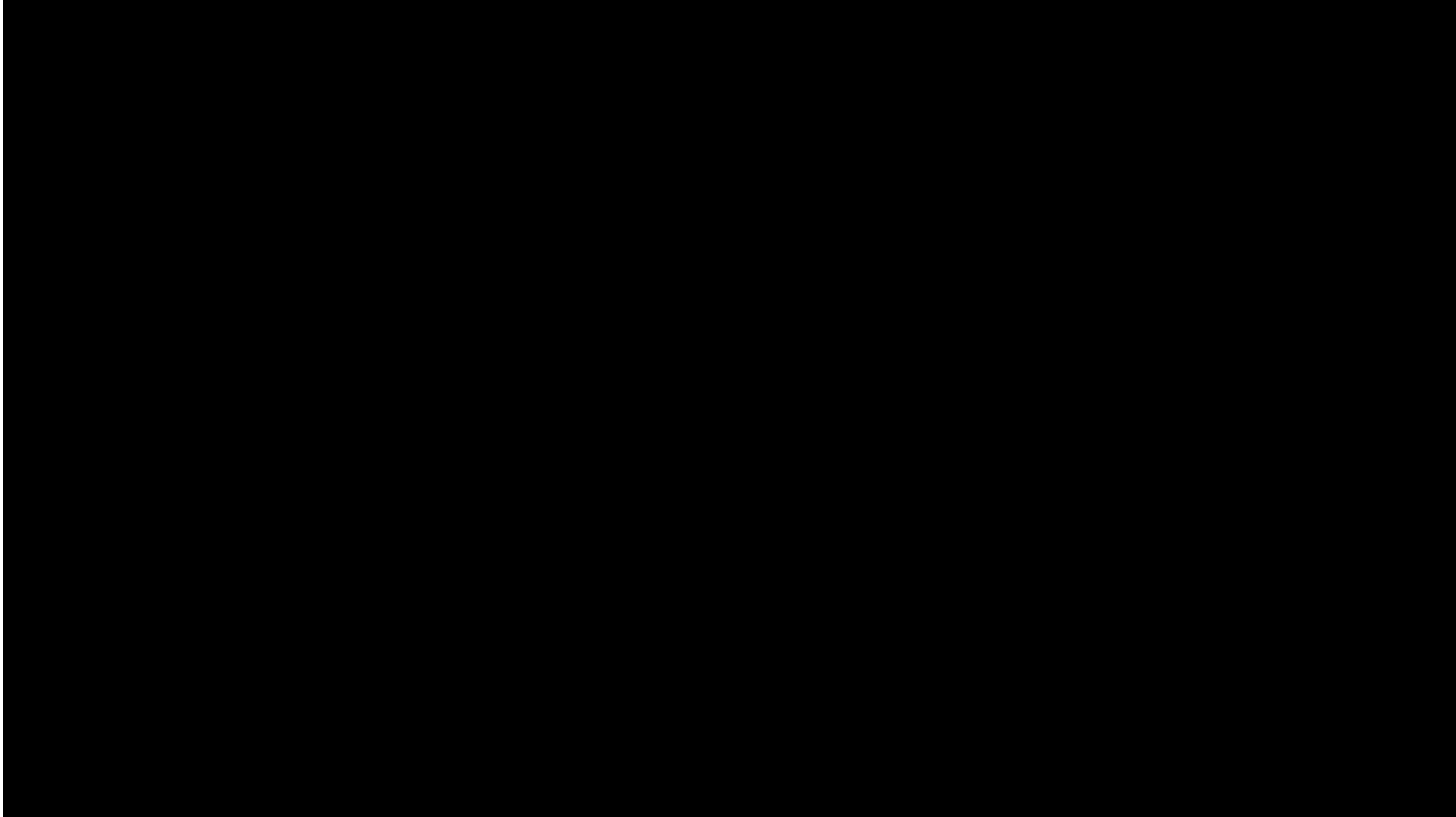






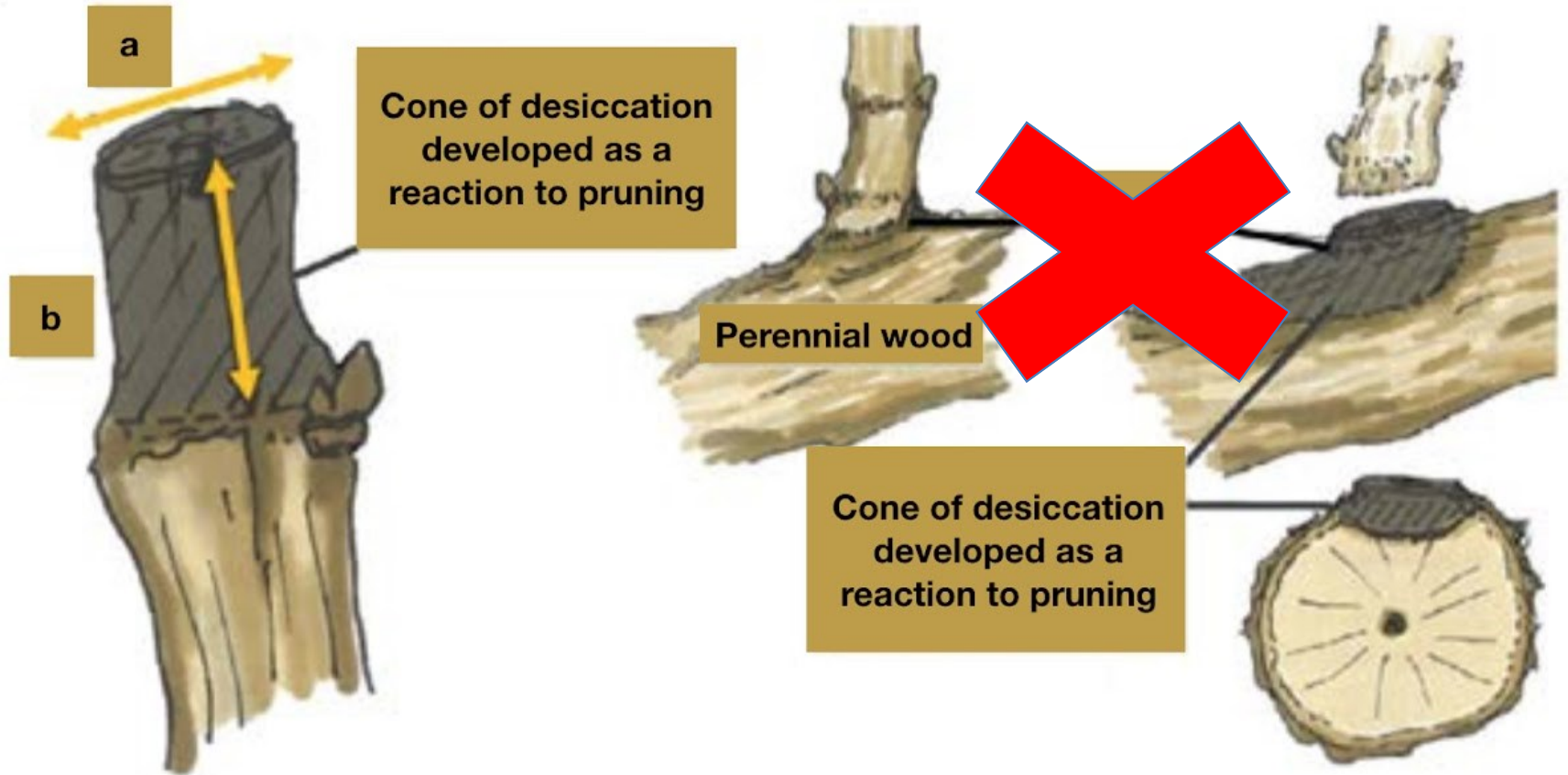
How do we avoid Antlers?



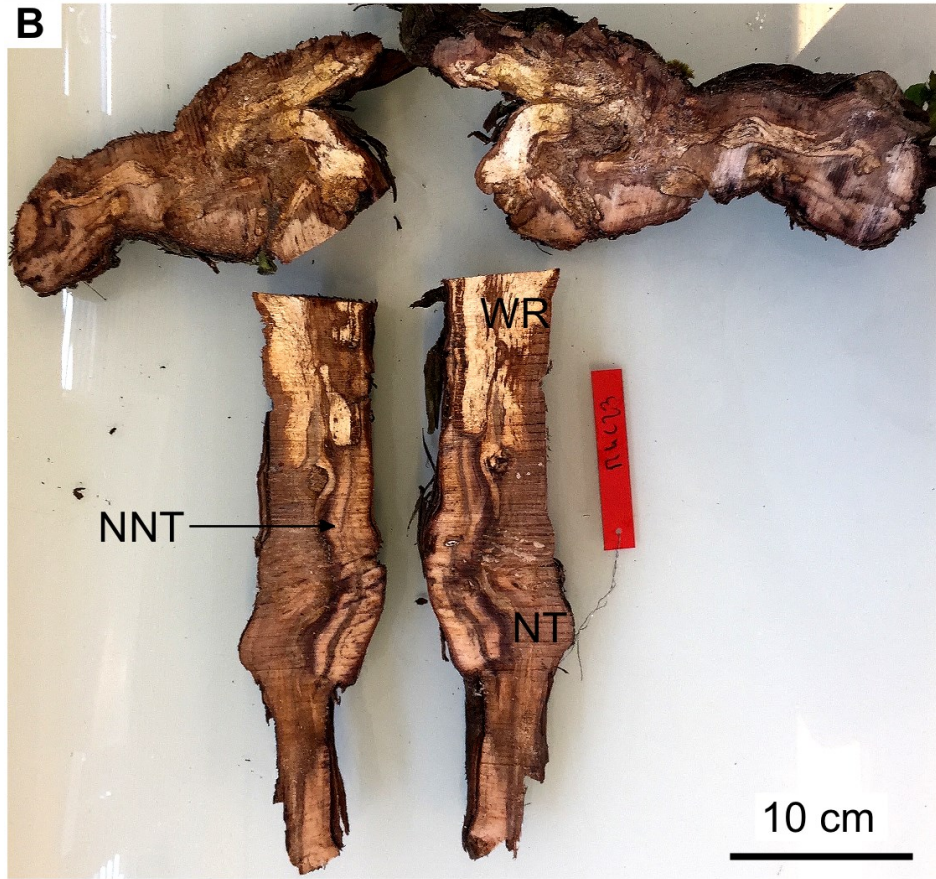














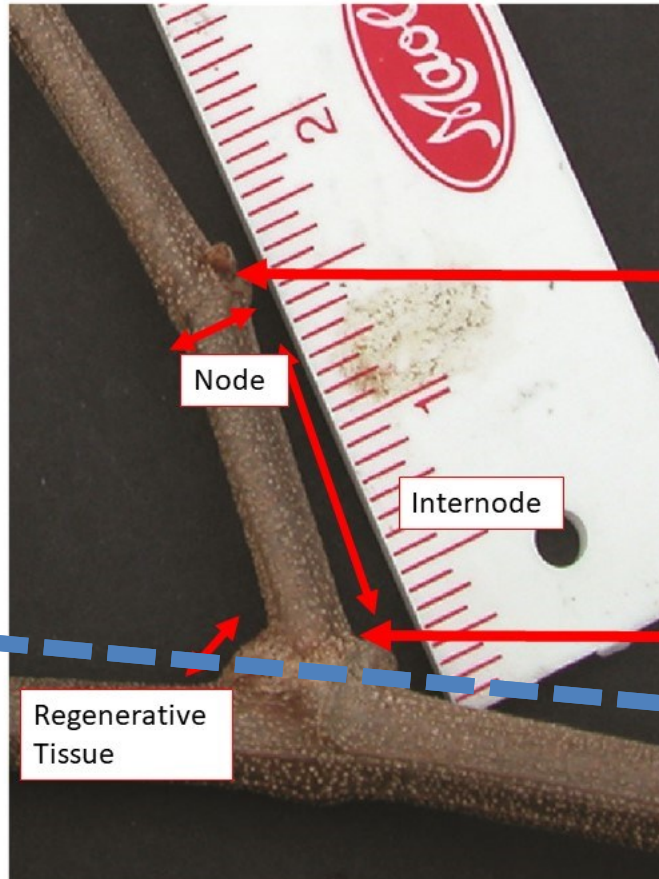
Pruning Goals

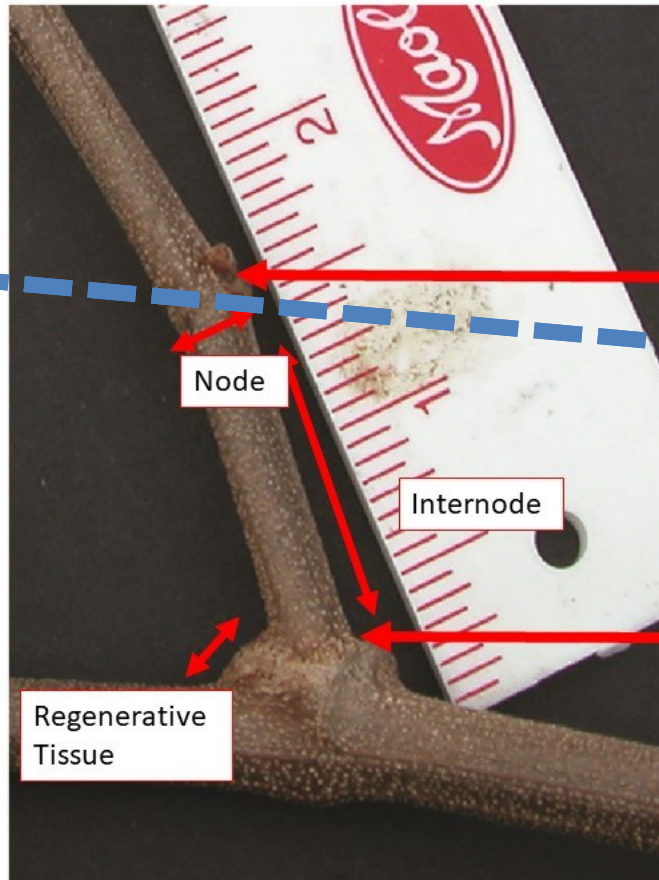
What are your main goals?

1. Longevity
2. Healthy Wood
3. Disease control
4. Yield

Correct position establishment







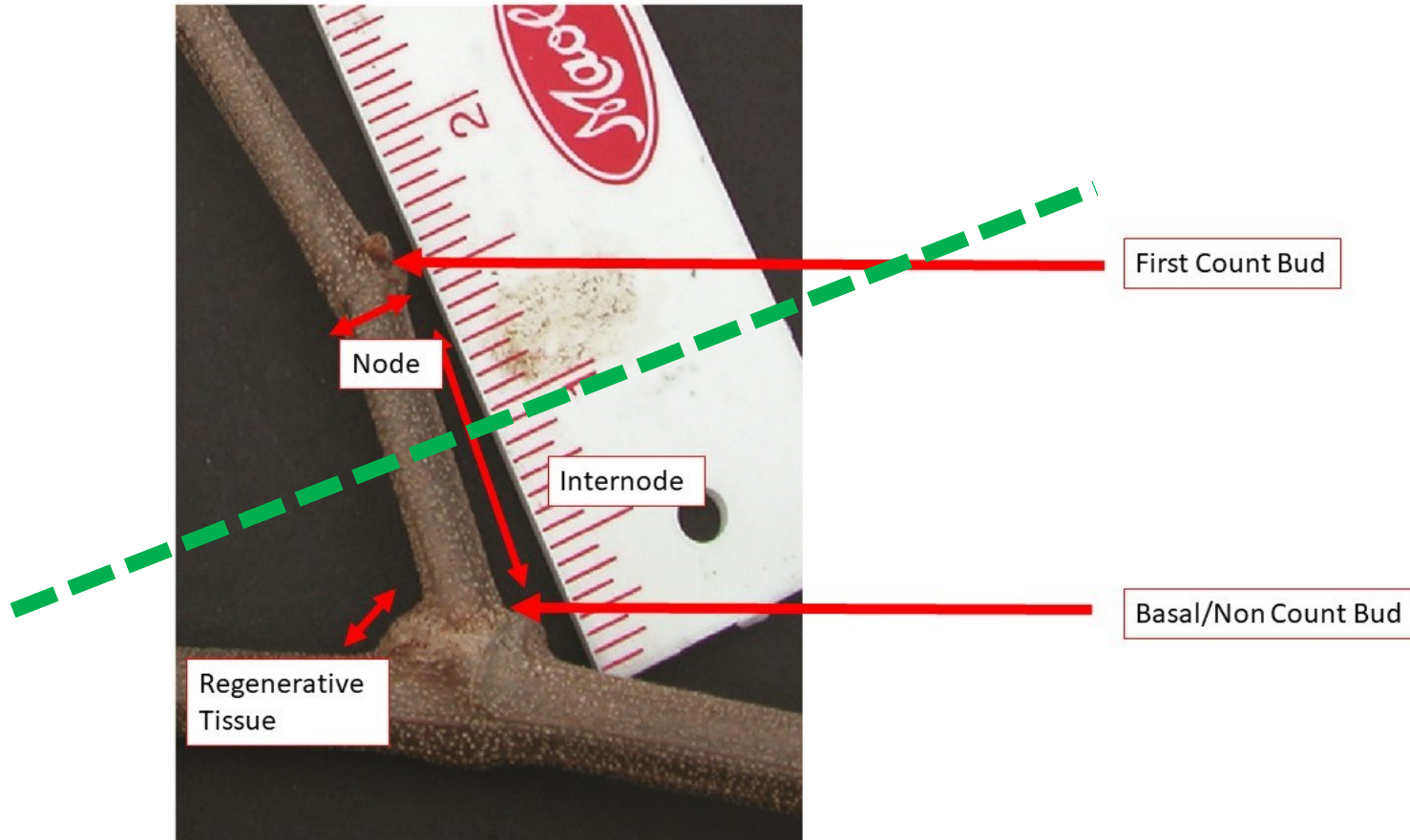
First Count Bud

Node

Internode

Basal/Non Count Bud

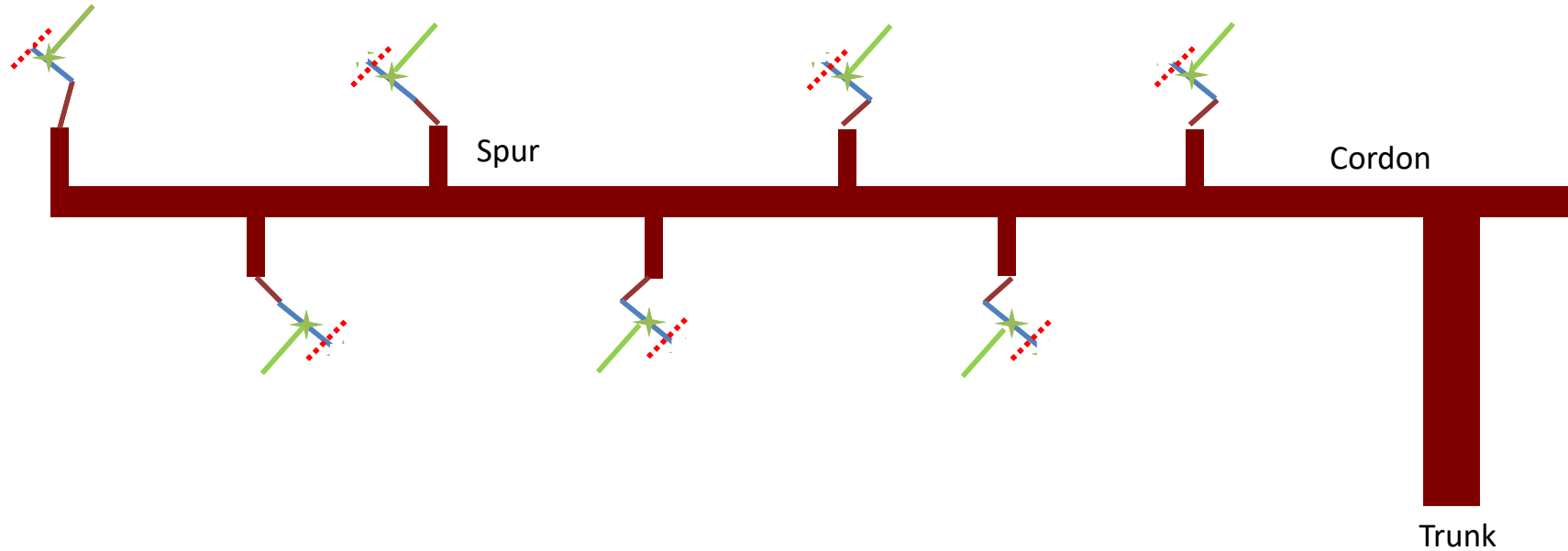
Regenerative
Tissue

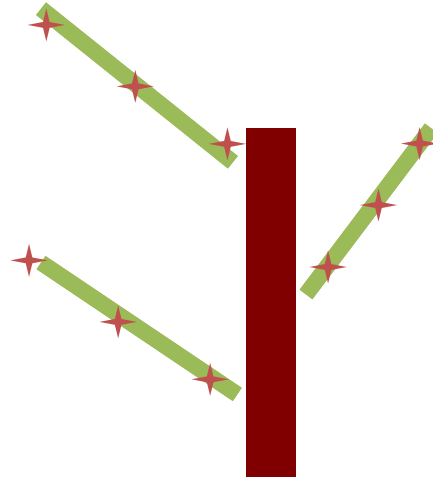


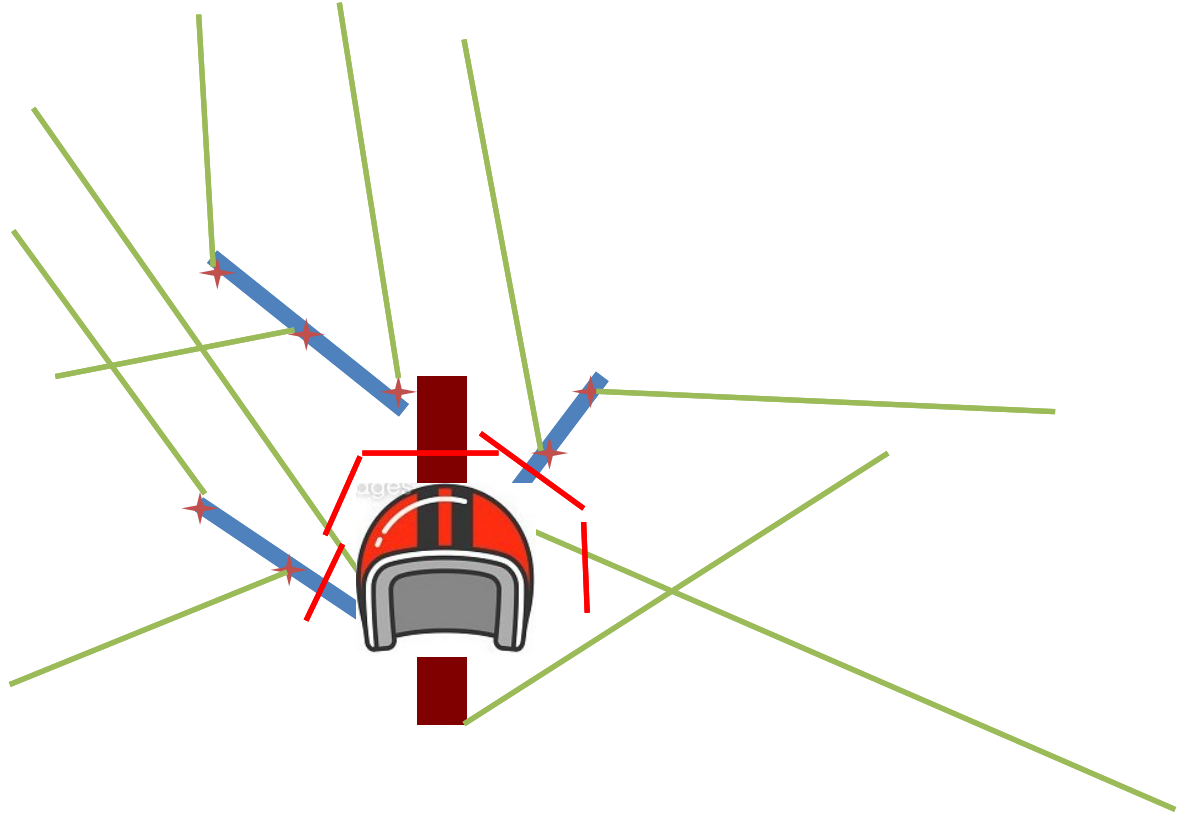


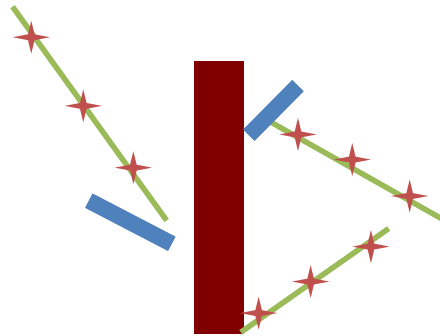


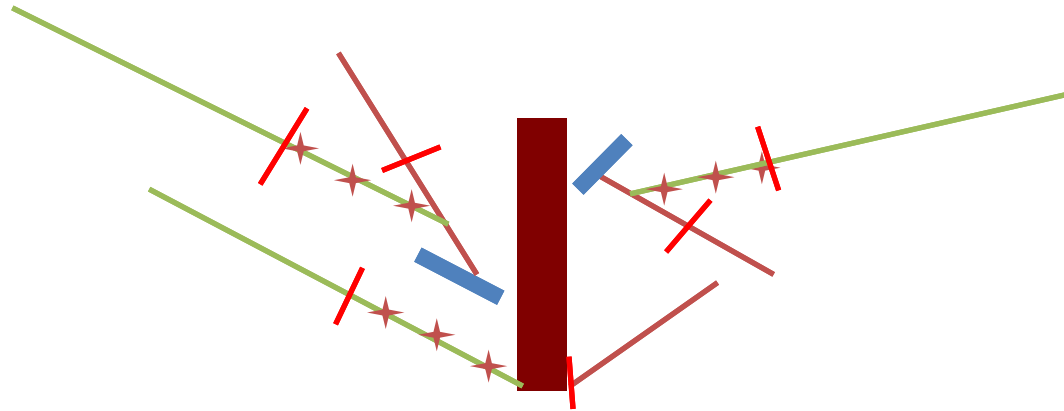


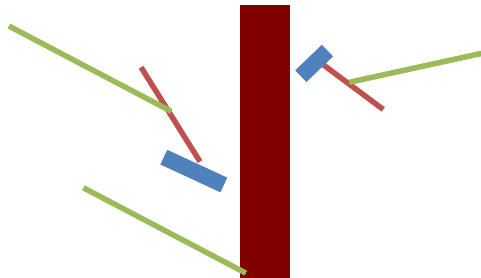


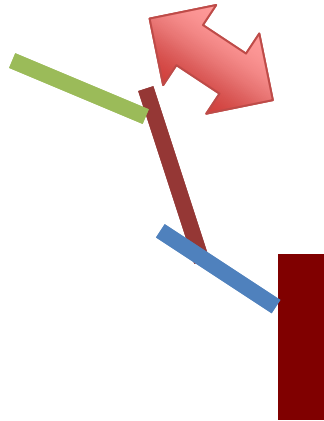


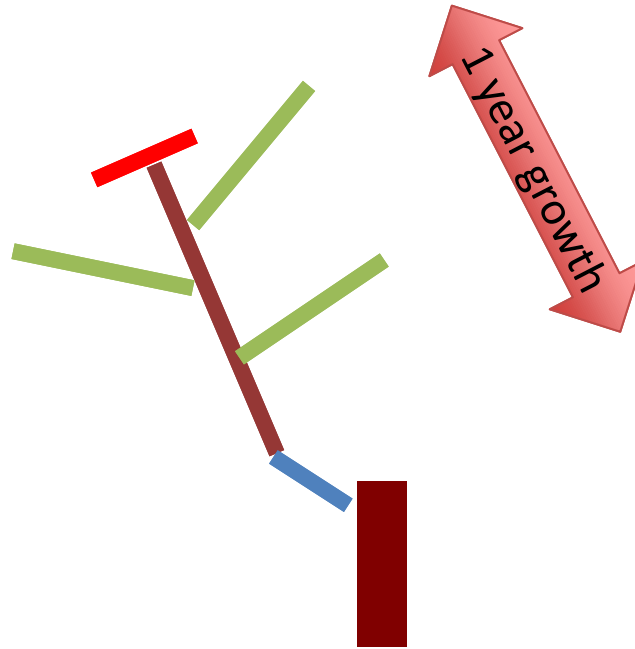






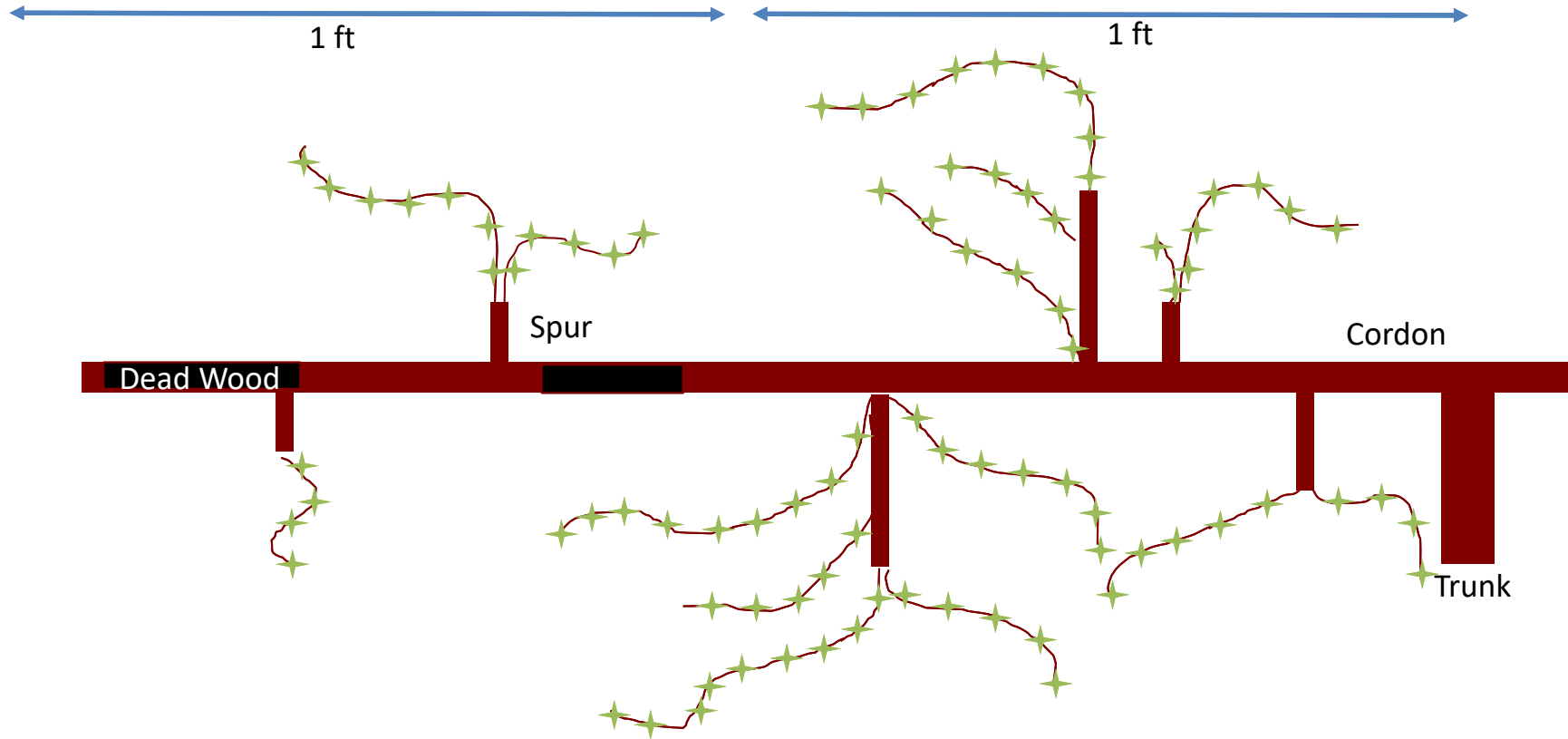


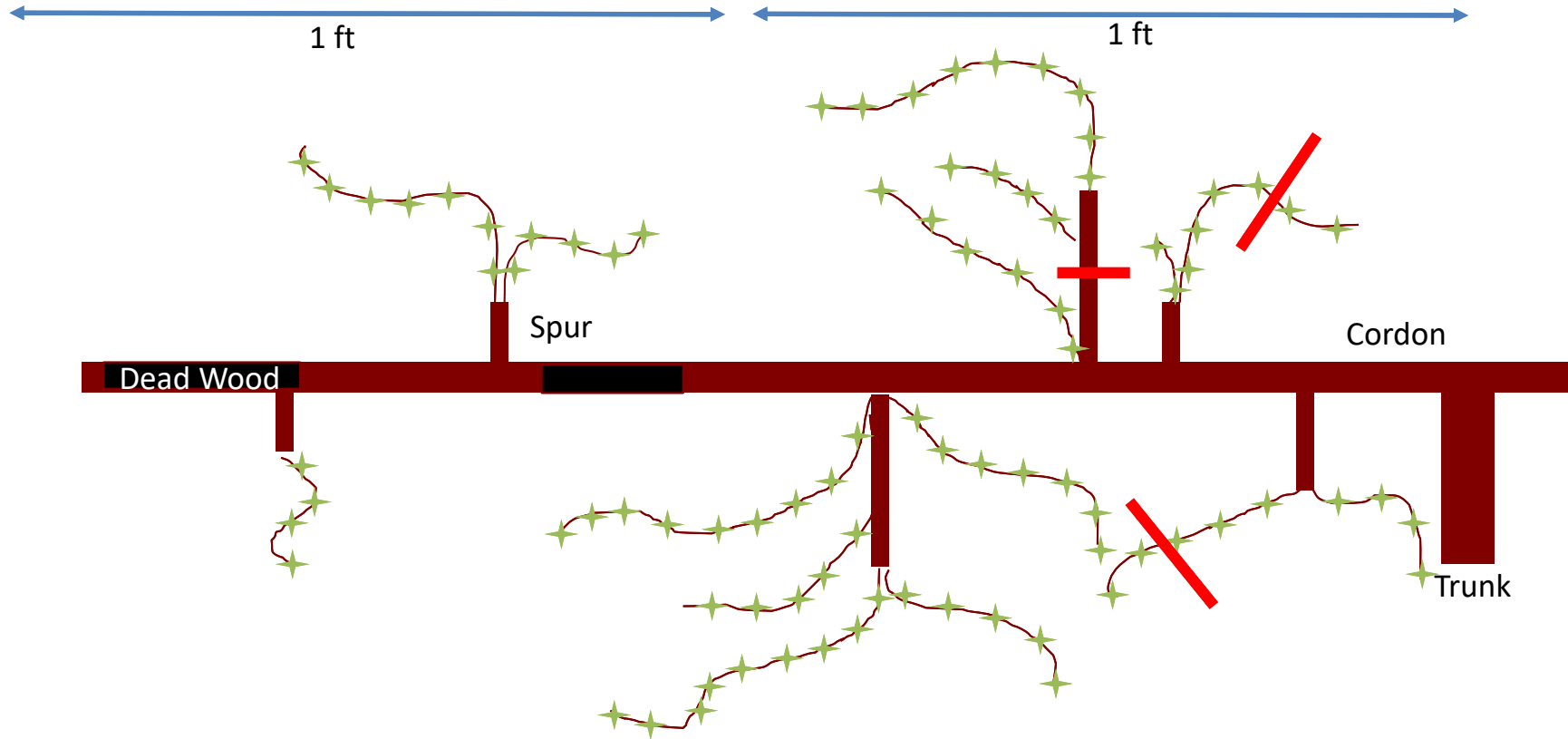


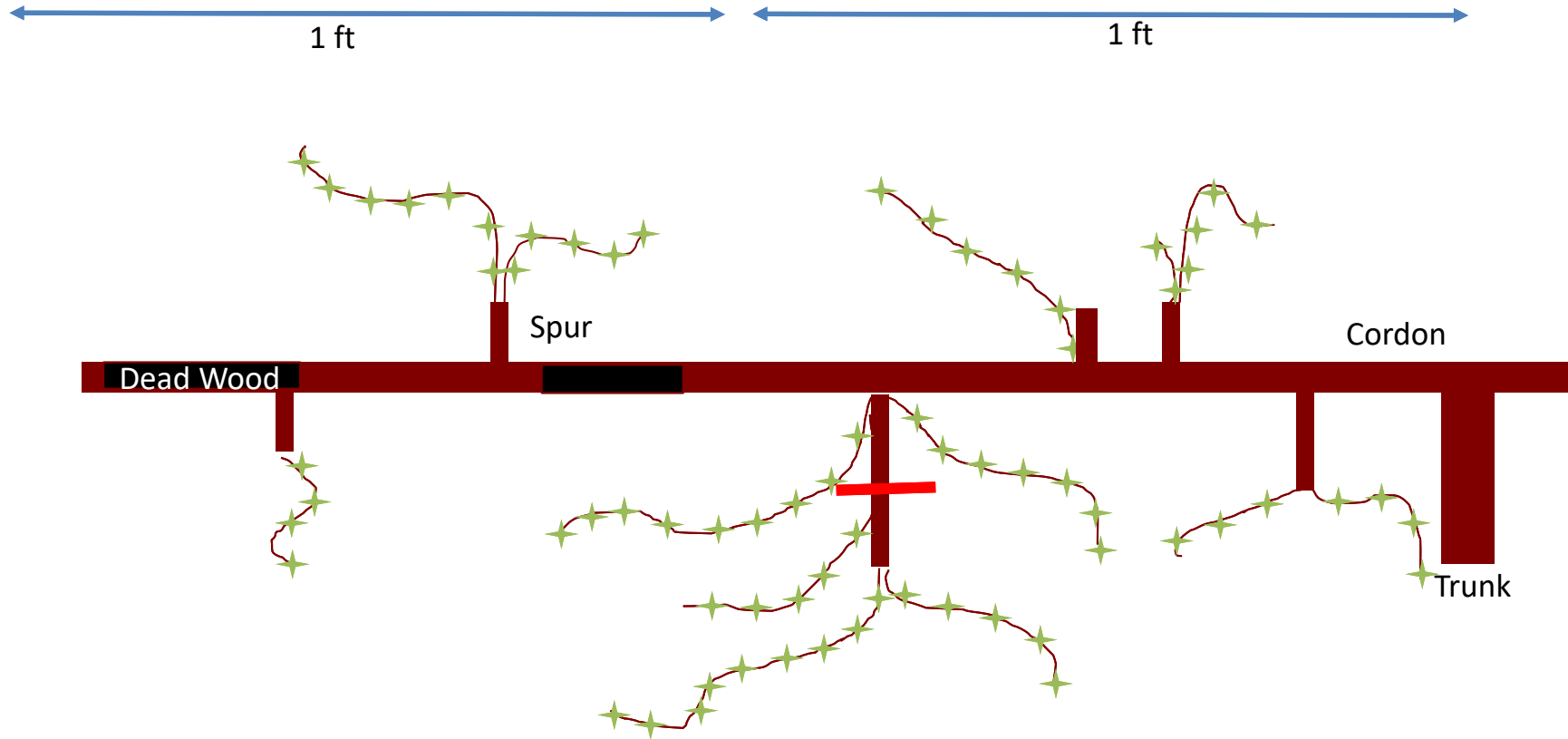


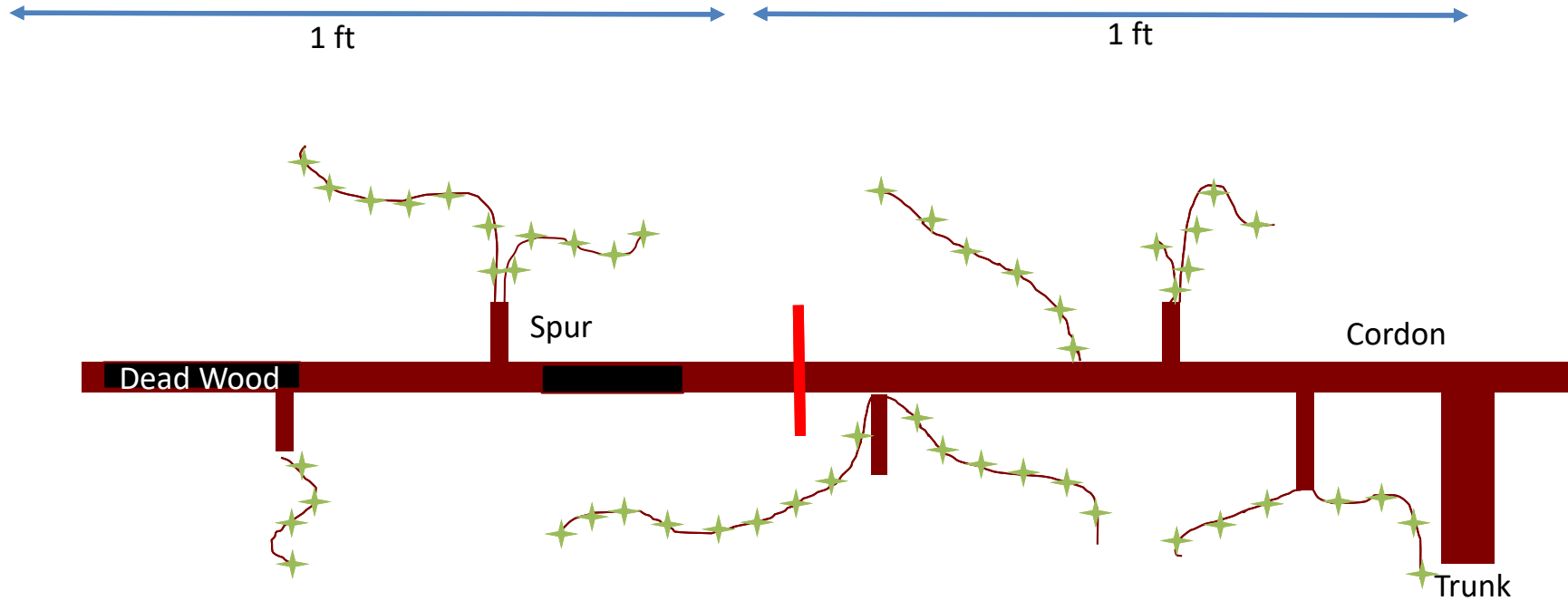


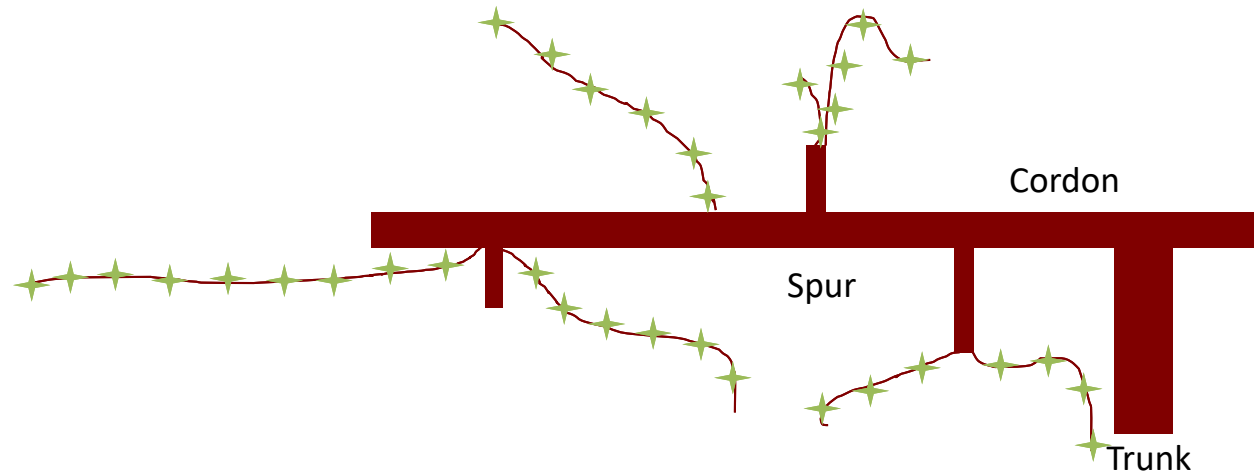
Commercial Vineyards: Renovating the Cordon











Take Home Renovation Commercial Vineyards

How to avoid renovation:

- Correct Vine Training
- Correct Pruning (No 'bad' cuts)
- Pruning ever year
- No mechanical pruning

Take Home Renovation Commercial Vineyards

What to expect when renovating?

- Will lose yield
- Often: Replace cordon
- Very labor/time intensive
- Big cuts. Pruning wound agents



Homeowners



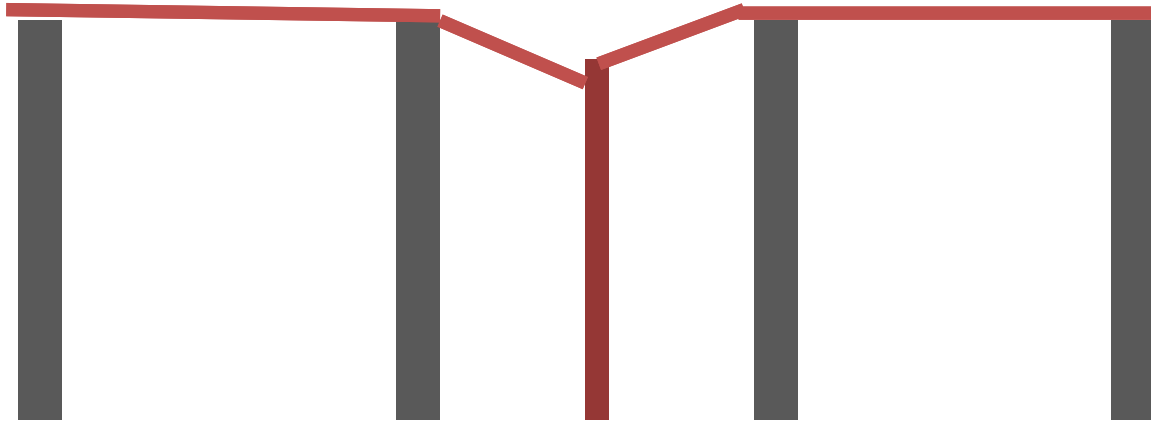
Homeowner Pergola

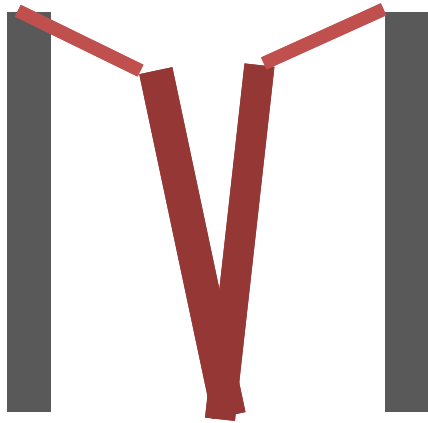
- a) Pergola/Structure needs replacement
- b) Vine needs to be 'cleaned up'

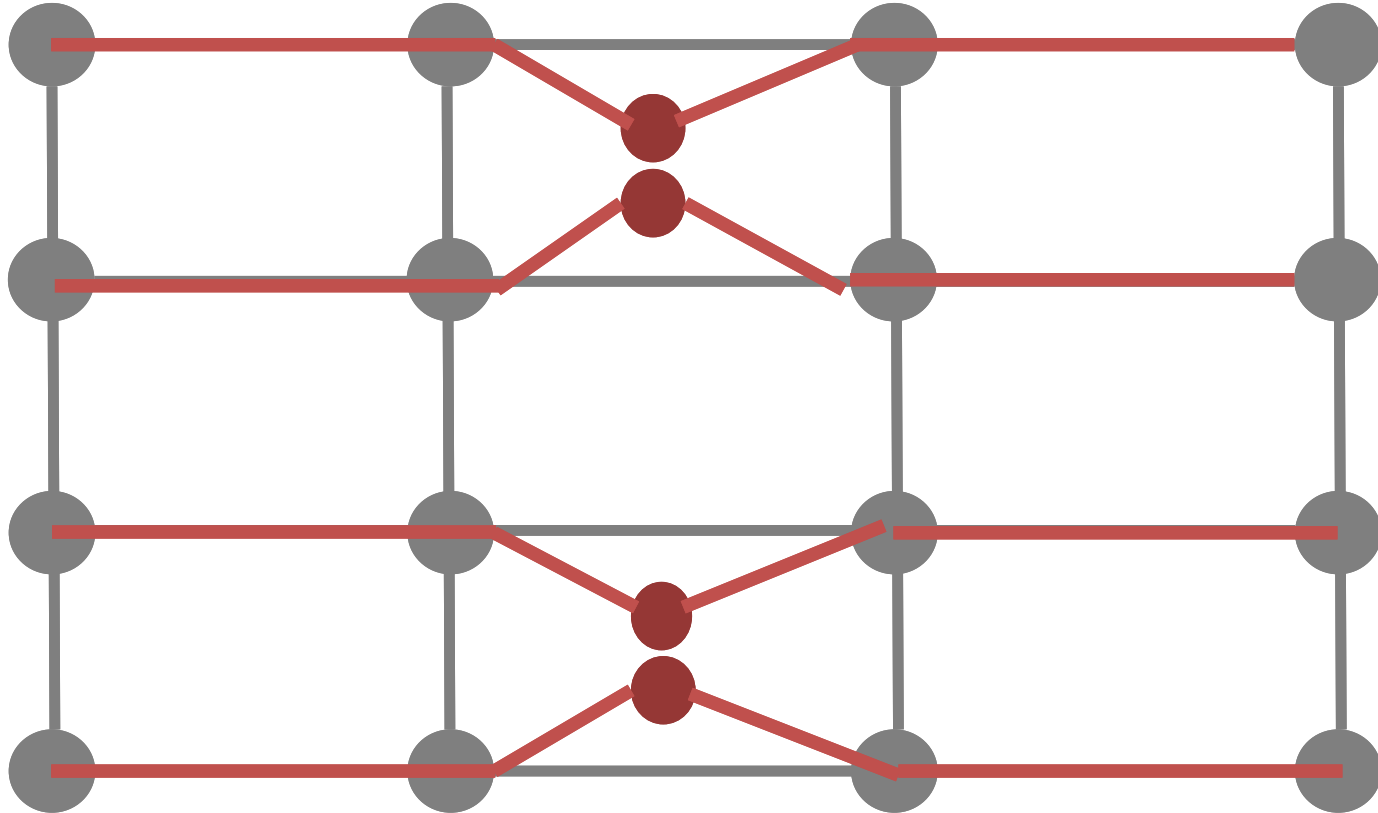


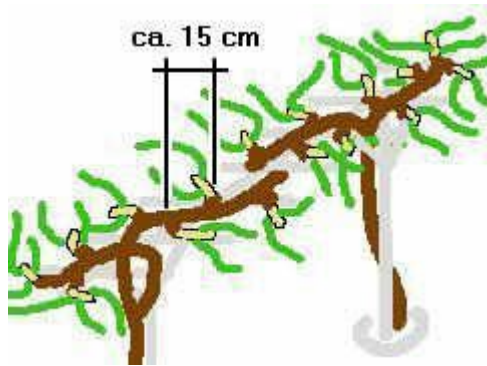




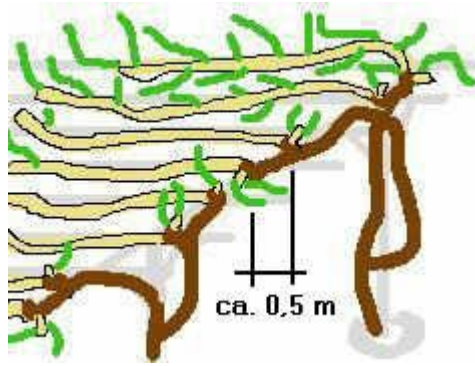




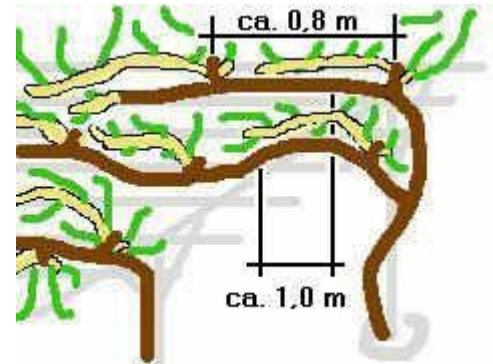




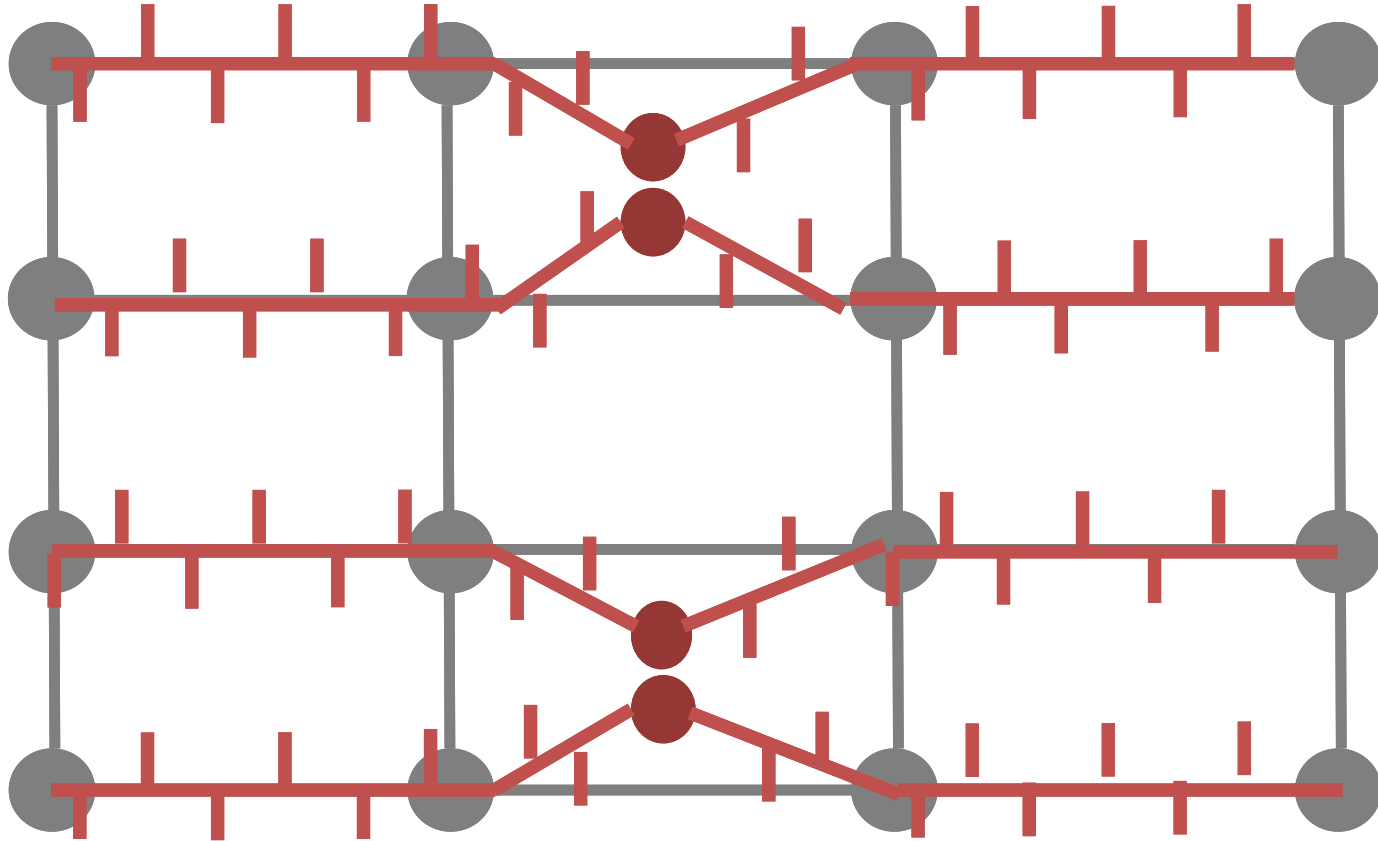
Spur Pruning



Cane Pruning



Mix of both



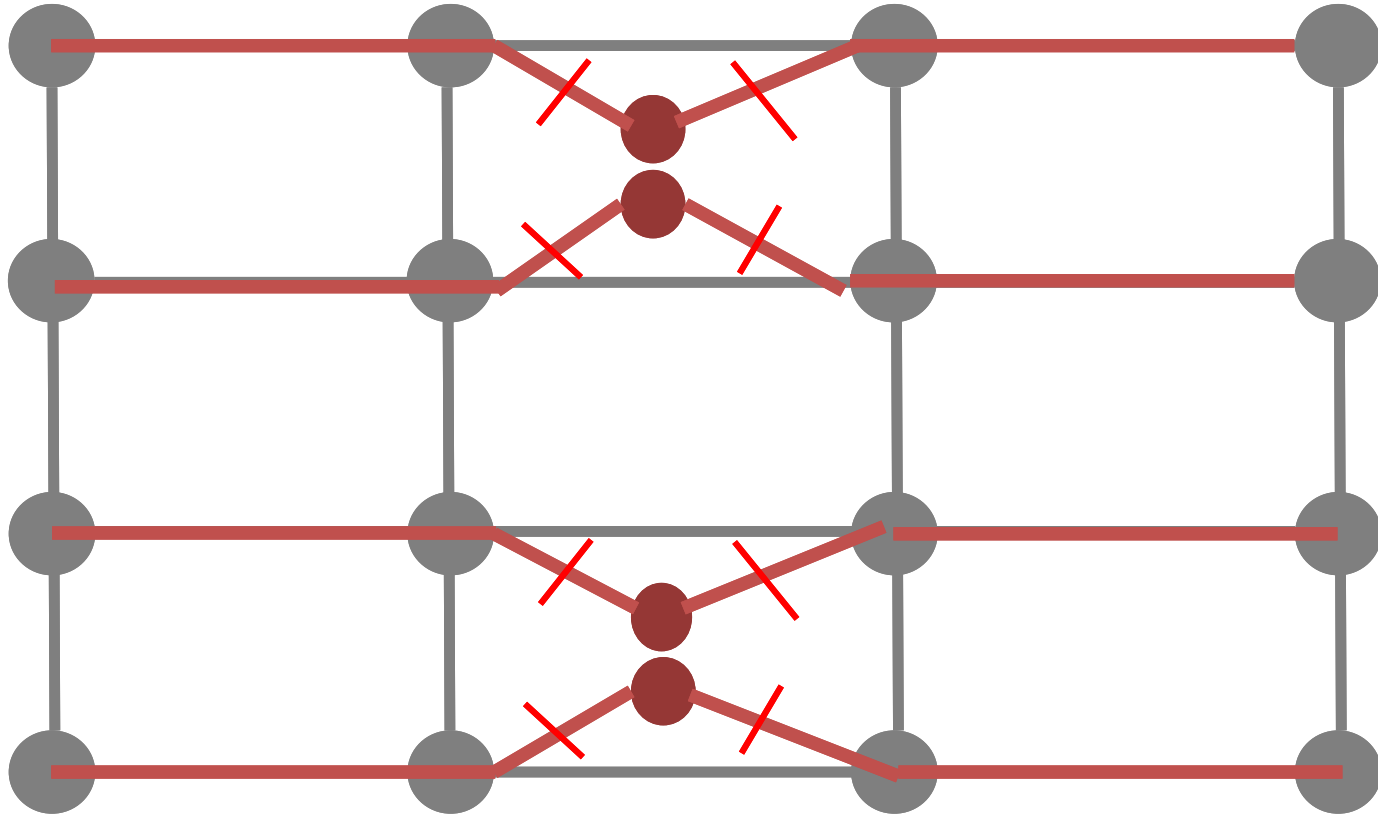
What does this remind you of?

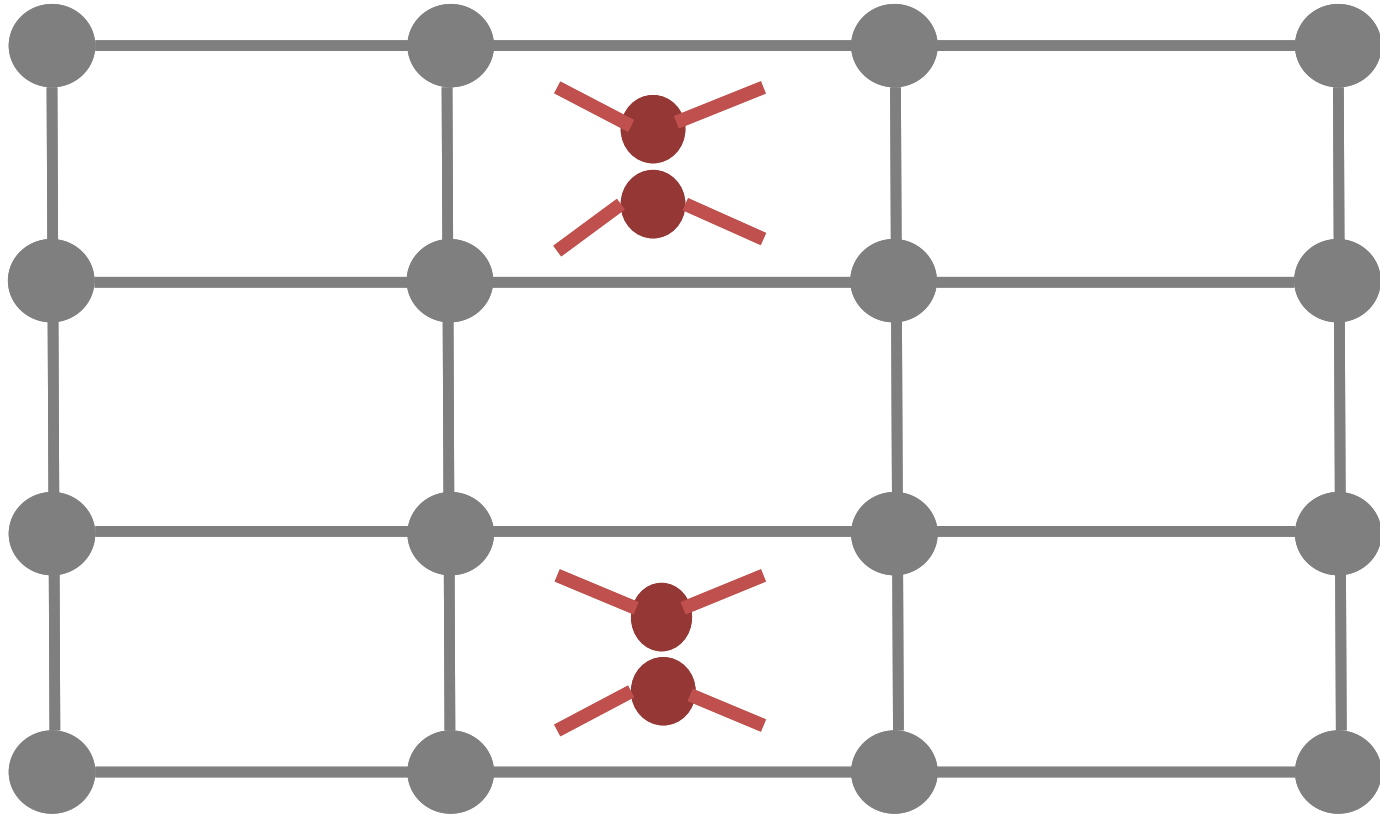




If Pergola needs replacement

- Need: Chainsaw and a truck
- Extra wood to stabilize while working under vine
- Second person





- Vines on Pergola are similarly pruned to commercial vines
- Rule of thumb: Most people leave too much wood
- Rule of thumb: If you can't see sunlight under the pergola in winter, you need to keep pruning.



Thank You

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