

# Phenomics in plant breeding

KU-LIFE seminar  
Thursday, 20. November  
**“Pheno- and genotyping in plant breeding”**

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Sejet Plantbreeding





## Phenotyping – as in 2014...



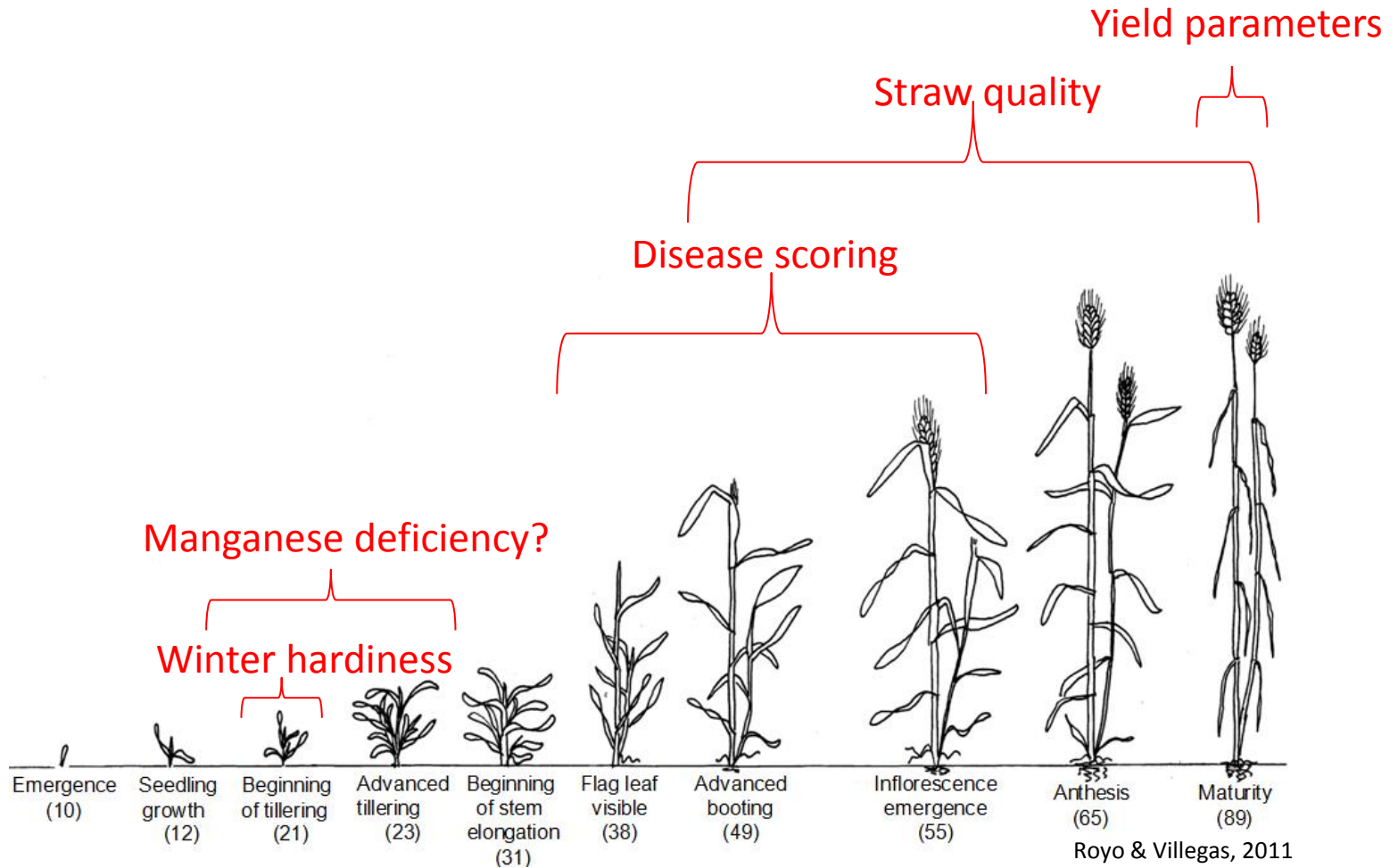
Yield  
 Lodging  
 Heading  
 Straw breaking  
 Height  
 Protein  
 TKW  
 Spec. Weight  
 Malting quality parameters

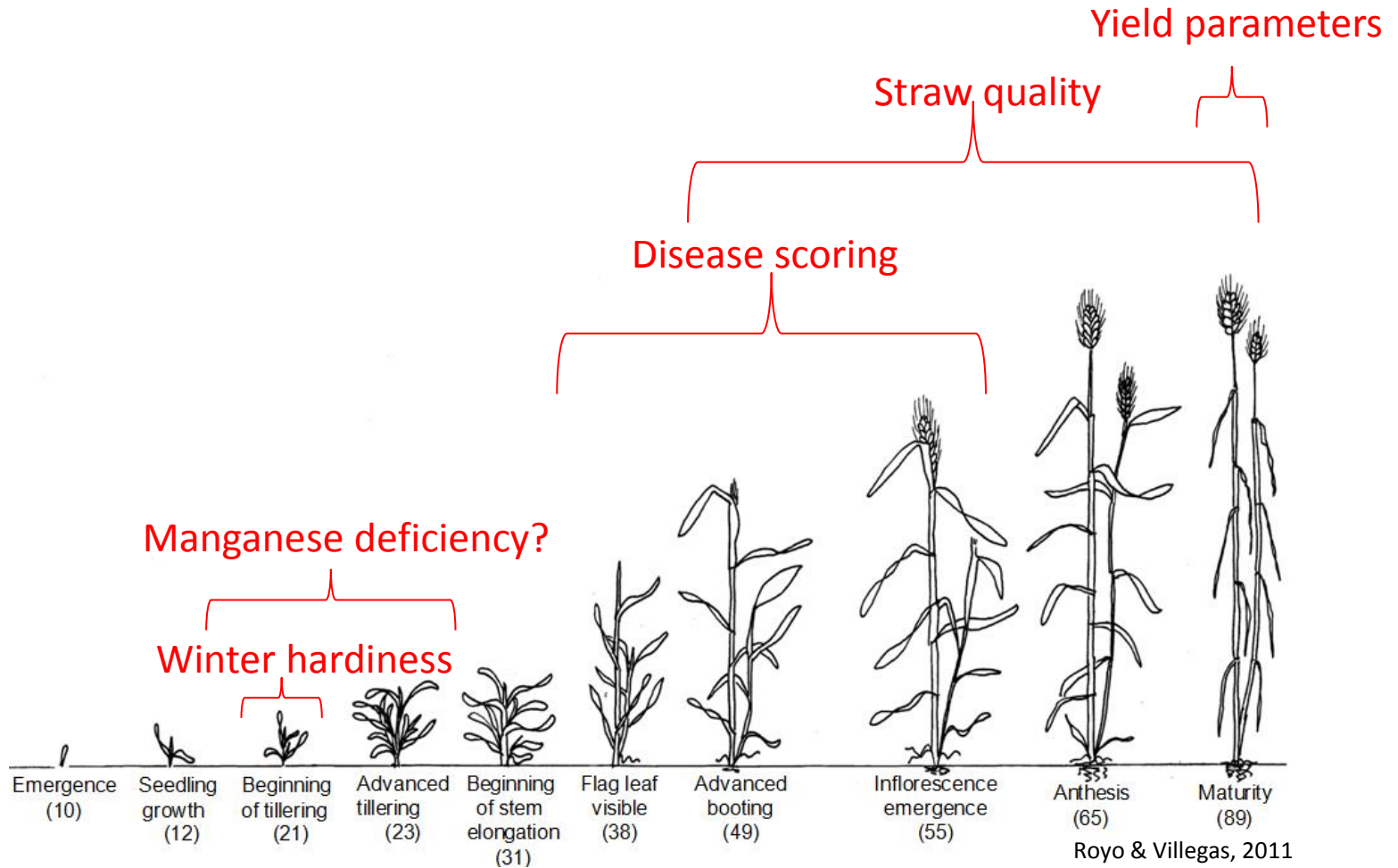


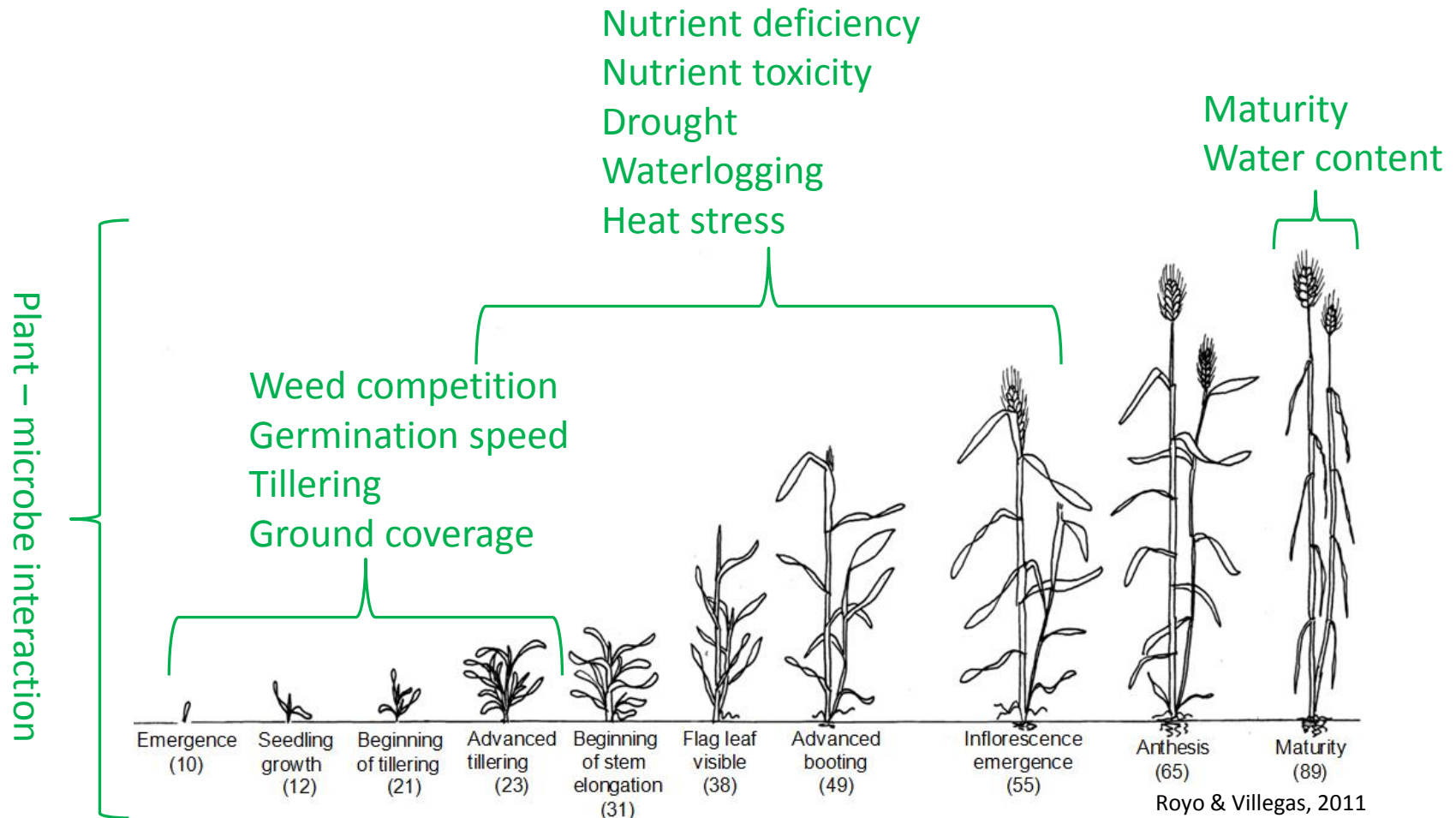
Line A  
 Line B

Rust  
 Mildew  
 Scald  
 Netblotch  
 Fusarium  
 Ramularia leafspot









🌿 **Phenomics (to me) is the ability  
of combining the phenotype  
with environment**

- handling multiple stresses/effects  
simultaneously

🌿 **What can technology offer?**

- better and faster,  
(than my eyes in the field...)

