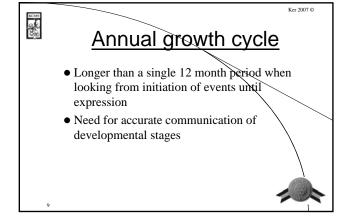
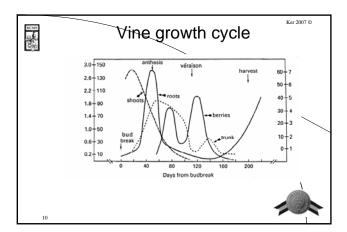


• "an irreversible increase in the size of the plant " (Mullins 1992)
• An increase in the size of cells already present
• An increase in the number of cells by divisions with meristems (growing points)





Components of a Good <u>Descriptive System</u>

- Contains a succession of developmental events that follow each other
- Contains easily recognizable, identifiable and adequately described stages
- Uses consistent stages for assessment
- Where possible incorporates quantifying measurements to increase precision

2 k

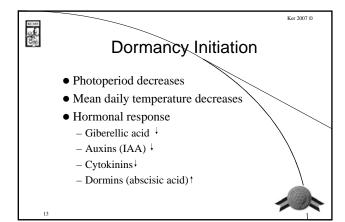
Car 2007 6

Ker 2007 ©

Beginning and End of Dormancy

- EL stages 01 and 47
- Initial stages begin prior to harvest

...



Dormancy types

• Innate Dormancy aka Endodormancy

- Buds incapable of growth due to hormone levels

- Can only be overcome by "chilling requirement"

- Chill unit = number of hours between 32 and 40 F

- For grapes in NE this requirement is met usually by Late December

