



Strawberries

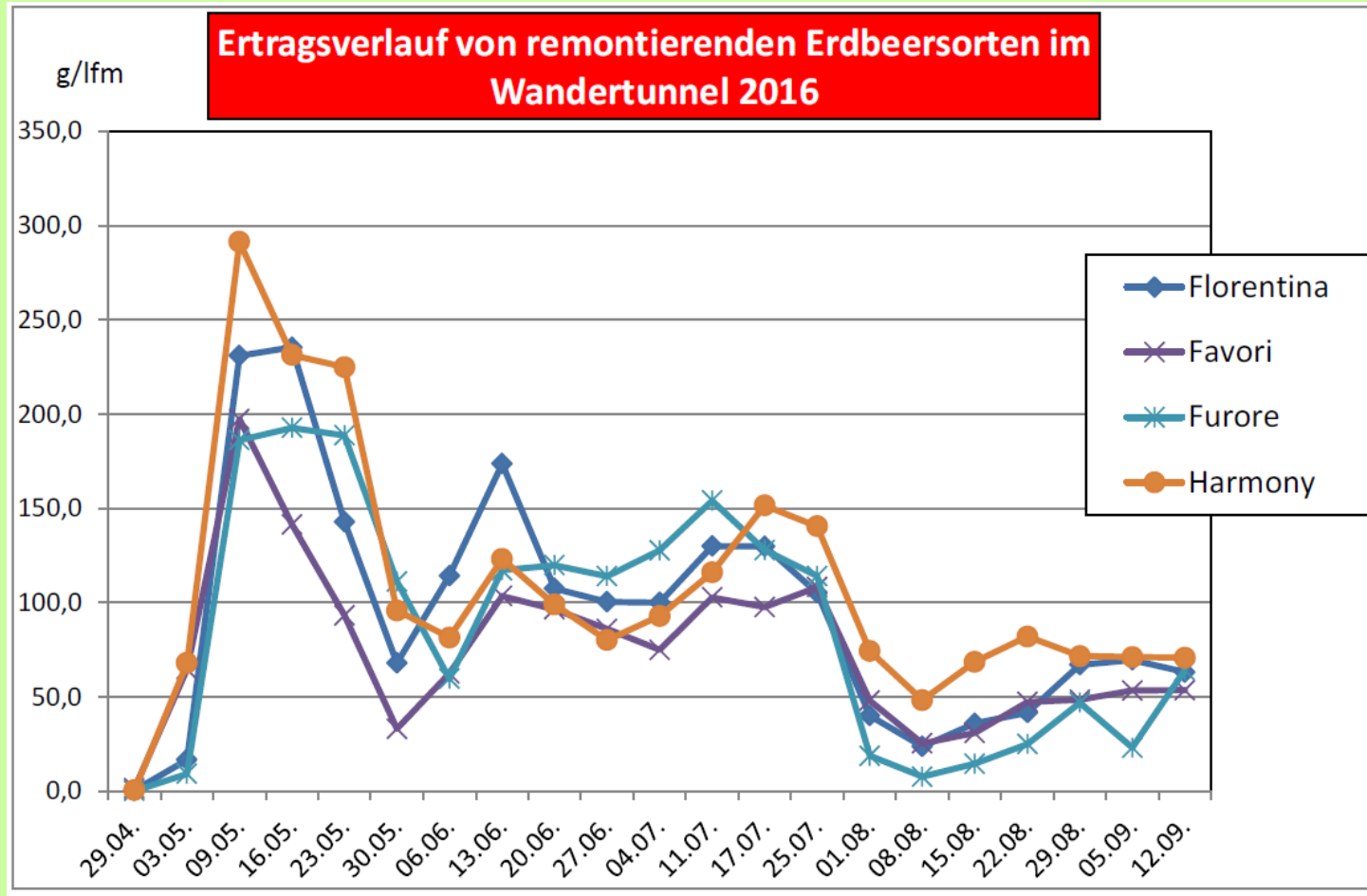
In **Balance**

Generative - Vegetative

Berry
Konsult



Why important?





Generative

- Lot of flowers
- Few leafs
- First flush high production
- Lot of time between 1st and 2nd flush
- Bad taste
- Smal fruits

Vegetative

- Few flowers
- High LAI
- First flush low production
- 2nd flush coming soon
- Good taste
- Large berries



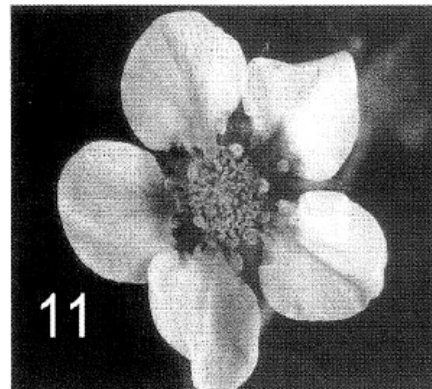
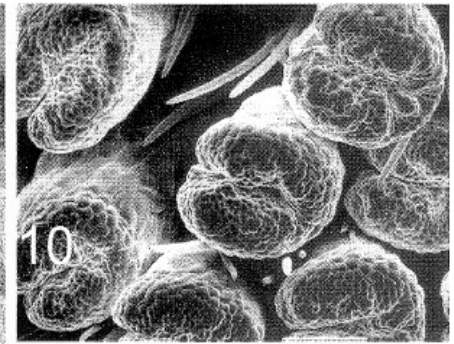
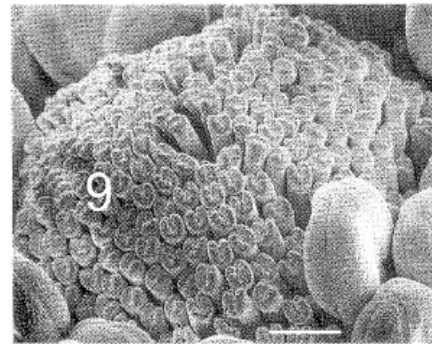
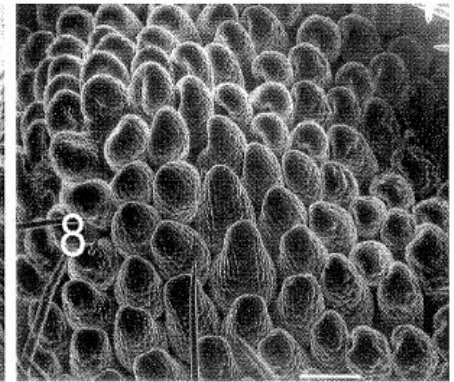
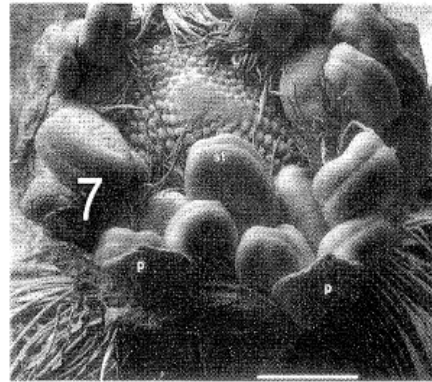
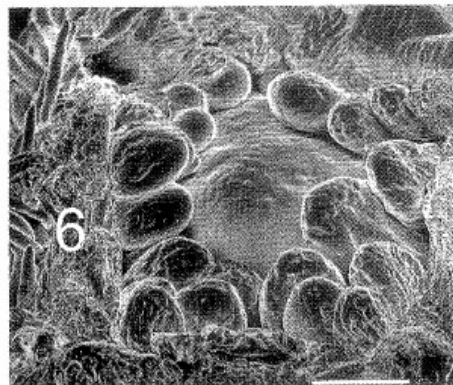
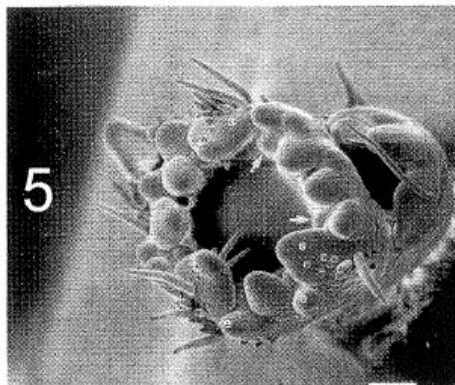
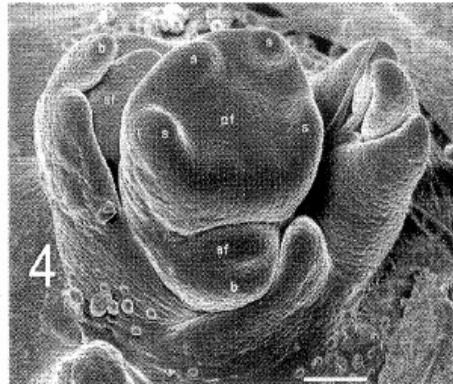
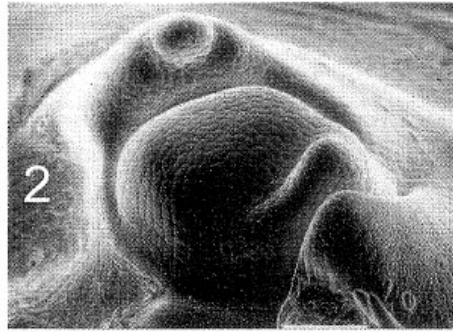
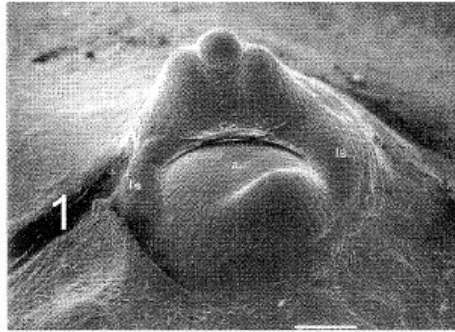


Junebearer

Drawing		
		7
		4
	2	
		3
	4	
		2
		3
		2
	S	



A morphological study of flower initiation and development in strawberry
(*Fragaria x ananassa*) using cryo-scanning electron microscopy.
D.R. Taylor, P.T. Atkey, M.F. Wickenden and C.M. Crisp
Ann. Appl. Biol. (1997), 130:141-152

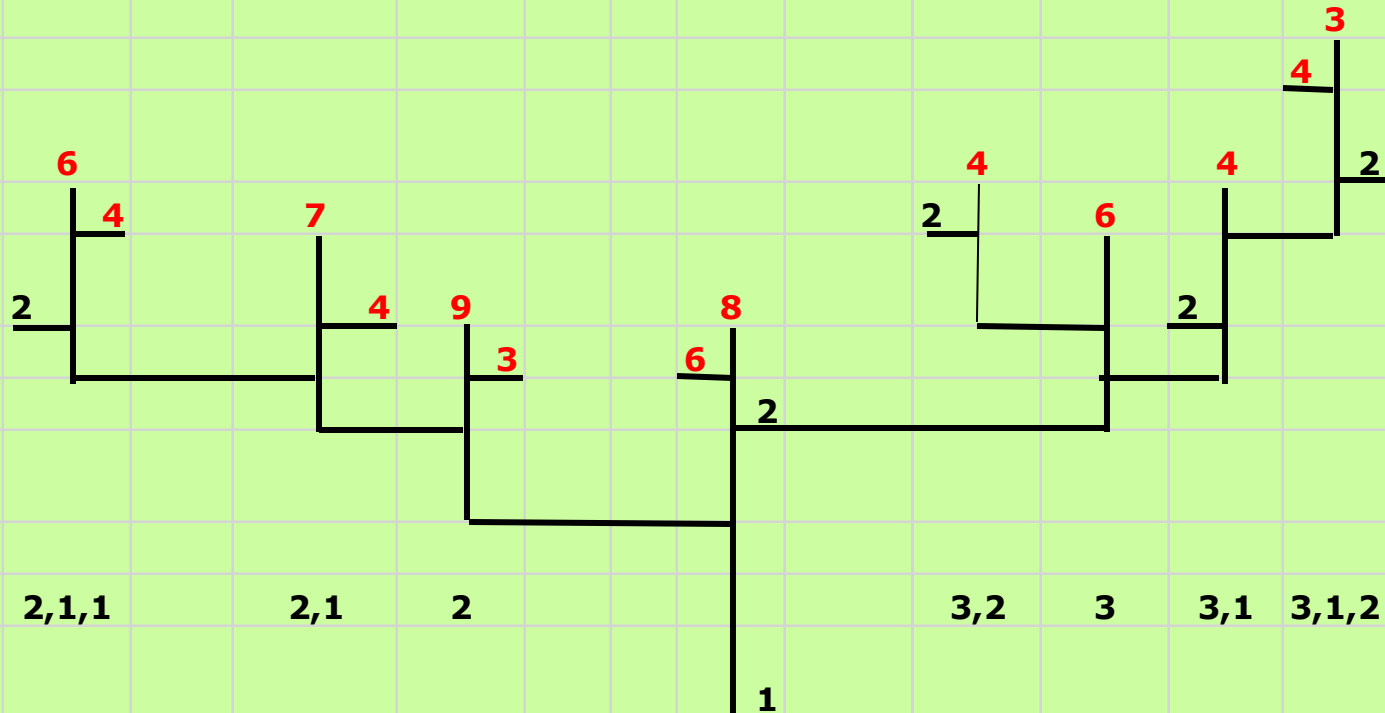


N.B. 9 = 10

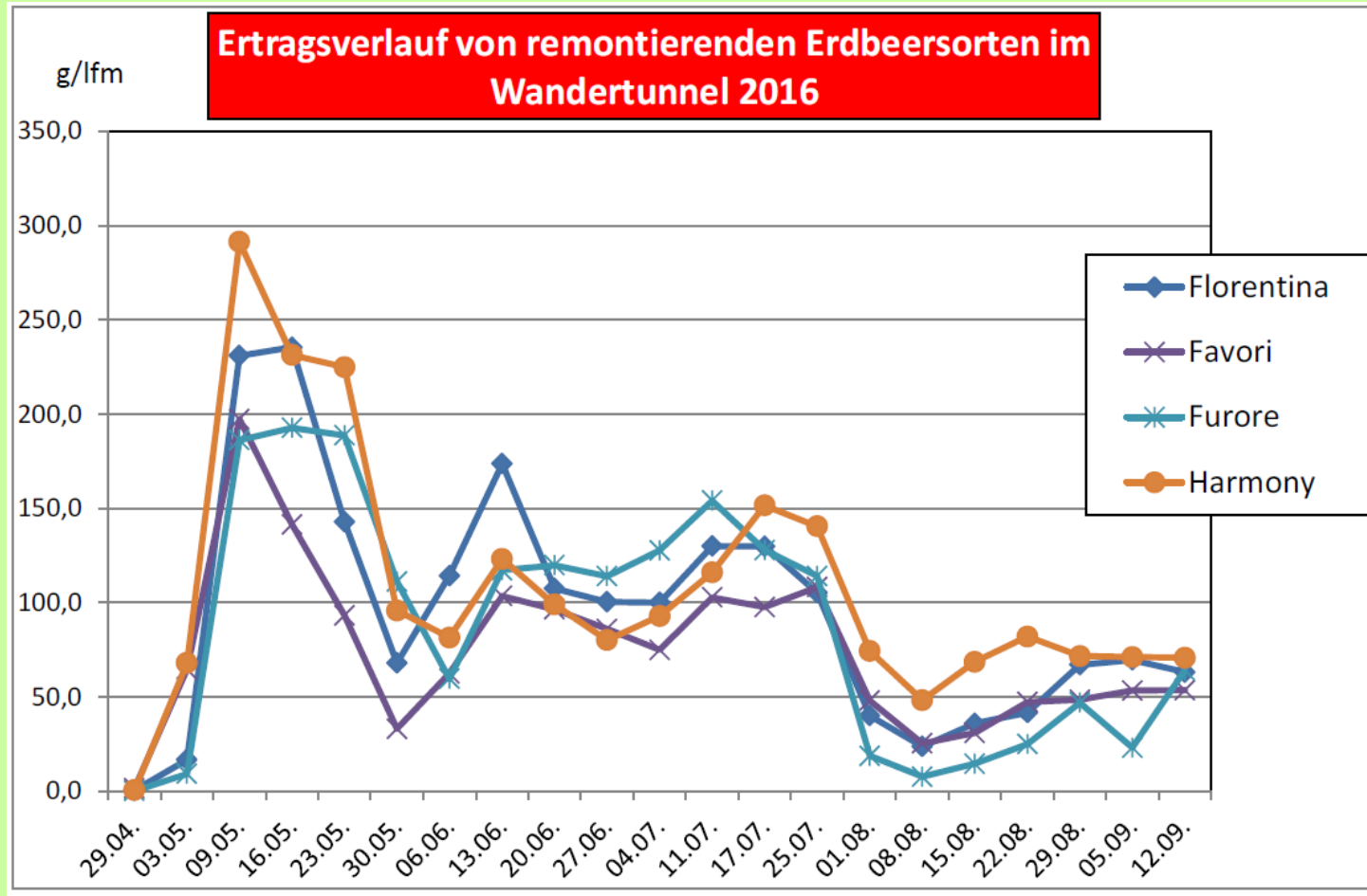
STRAWBERRY 'FLOWER MAPPING'

Date	Grower	Sample code	Plantnr.	(1 = lowest position)			Bud length (cm)			Development stage	Truss length (cm)	Drawing
				Crownnr.	Position	Runner	≥ 1	0.2 - 1	< 0.2			
07 December 2017	Flevo Berry	Favori minitray	2	1	first truss					8	1,00	8
07 December 2017	Flevo Berry	Favori minitray	2	1	2			*		6	0,25	6
07 December 2017	Flevo Berry	Favori minitray	2	1	1				*	2		2
07 December 2017	Flevo Berry	Favori minitray	2	2	first truss					9	2,20	9
07 December 2017	Flevo Berry	Favori minitray	2	2	1		*			Cr 2,1		Cr2.1
07 December 2017	Flevo Berry	Favori minitray	2	2,1	first truss					7	0,70	7
07 December 2017	Flevo Berry	Favori minitray	2	2,1	2				*	4	0,06	4
07 December 2017	Flevo Berry	Favori minitray	2	2,1	1				*	Cr 2,1,1		2
07 December 2017	Flevo Berry	Favori minitray	2	2,1,1	first truss					6	0,70	6
07 December 2017	Flevo Berry	Favori minitray	2	2,1,1	2				*	4	0,06	4
07 December 2017	Flevo Berry	Favori minitray	2	2,1,1	1				*	2		2
07 December 2017	Flevo Berry	Favori minitray	2	3	first truss					7	0,70	7
07 December 2017	Flevo Berry	Favori minitray	2	3	2				*	Cr 3,1	0,06	Cr3,1
07 December 2017	Flevo Berry	Favori minitray	2	3	1				*	Cr 3,2		Cr3,
07 December 2017	Flevo Berry	Favori minitray	2	3,1	first truss					7	0,70	7
07 December 2017	Flevo Berry	Favori minitray	2	3,1	2				*	Cr 3,1,2	0,06	Cr3,1,2
07 December 2017	Flevo Berry	Favori minitray	2	3,1	1				*	2		2
07 December 2017	Flevo Berry	Favori minitray	2	3,1,2	first truss					7	0,70	7
07 December 2017	Flevo Berry	Favori minitray	2	3,1,2	2				*	4	0,06	4
07 December 2017	Flevo Berry	Favori minitray	2	3,1,2	1				*	2		2
07 December 2017	Flevo Berry	Favori minitray	2	3,2	first truss					7	0,70	7
07 December 2017	Flevo Berry	Favori minitray	2	3,2	1				*	2		2

Everbearer



Why important?



Vegetatie / Generative

- June bearer: starts flowerinduction from <13 hour daylighth
- Everbearer:
 - Vegetative: status in which the plants develops a lot of leafs
 - Generative: status in which the plants develops a lot of flowers
 - Energy balance
 - Top sprout dominance / apicale dominance

Generative - Vegetative

Berry
Konsult

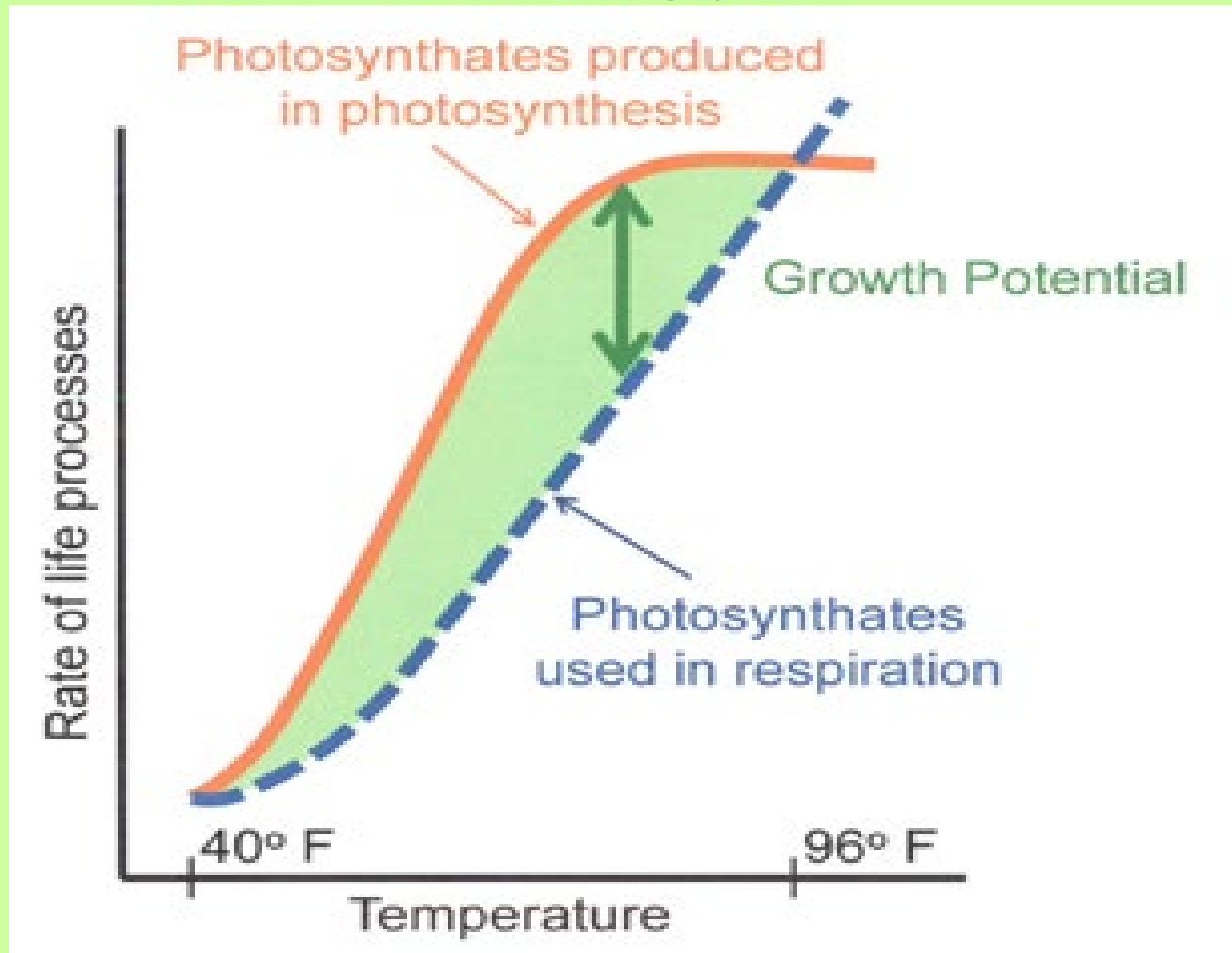


Generative - Vegetative

Berry
Konsult



Energy



- 4°C 30°C

	Vegetative	Generative
Climate		
dT (Difference Day/Night temp)	Small	Big
Timing (Day/Night)	Earlier	Later
Min Tube temp (N/D)	Lower	Higher
Temperature decl	Slower	Faster
Afternoon temp reise	Not/low	Do/big
Average temperature	Low	High
RH%	Higher	Lower
Screening	Lot	Few
Irrigation / Fertilization		
Drip pH	4,8-5,3	5,3-5,7
EC substrate	Lower	Higher
Drip EC	Lower	Higher
Substrate moisture	Wetter	Dryer
Irrigation	Shorter	Longer
Drip frequency	Ofter	Less frequently
First irrigation	Earlier	Later
Last irrigation	Later	Earlier
Nitrogen	High	Low
NH4	High	low
Work		
Picking leafs	Not / few	Often
Runner picking	Often	Seldom

If you know your plant

- You can anticipate:
 - More or less Nitrogen
 - More or no ammonia
 - Drip EC
 - Drip pH
 - Temperature
 - Moisture / Irrigation schedule

- Questions?