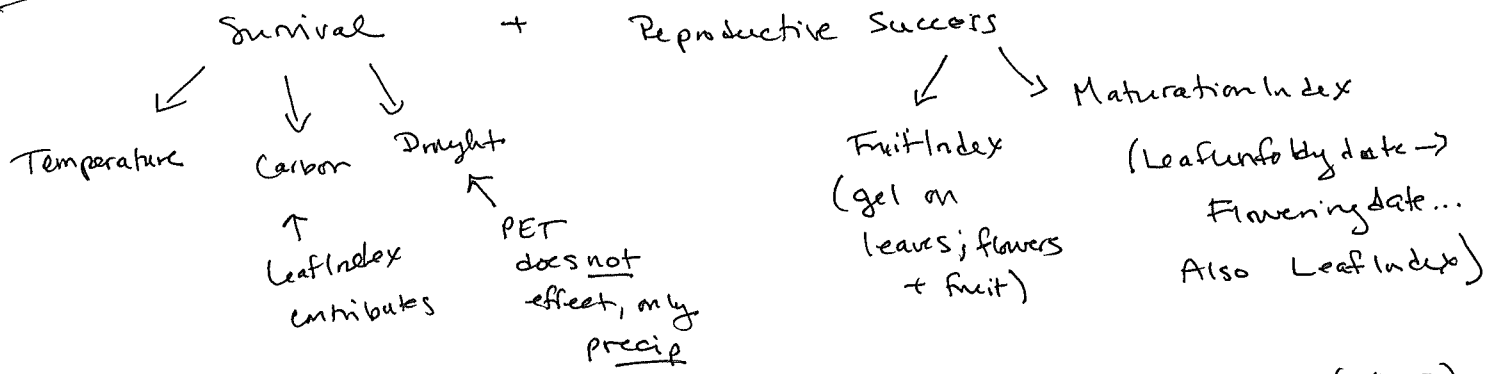


PHENOFIT4:

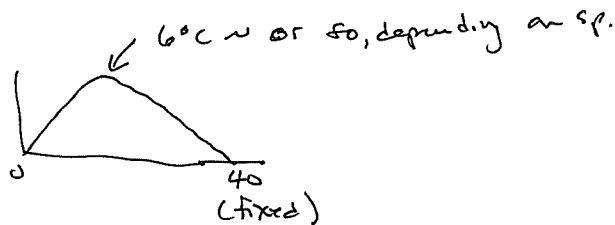


Leaf Index (no PET effects, just temperature)  
 0.5 - 0.75 = 0.9 Carbon Survival  
 > 0.75 = 1.0

LeafIndex = 0 if no unfolding date ~ (365)

Fruit Mat Date

(1) V. low optimum for fruit



(2) Also depends on sigmoid curve for all development w/ higher optimum

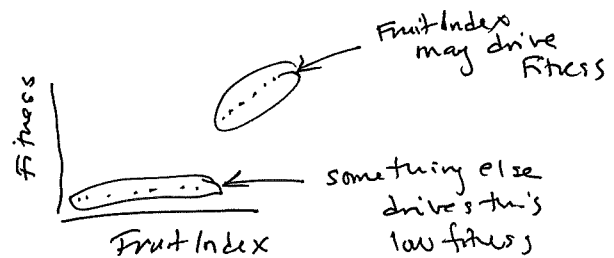
Fitness = Survival × FruitIndex × Maturation Index

(1) 90% fruit undamaged by frost (in flowers + fruits... which depend also on LeafIndex)

(2) 90% undamaged fruit that reach maturity

(3) (order of importance biologically + thus when breaking ties for minimum)

Looking at point plots to understand Fitness



Dormancy break - non linear °C response<sup>rank</sup>  
 but not for leaf unfolding (Sigmoid)

