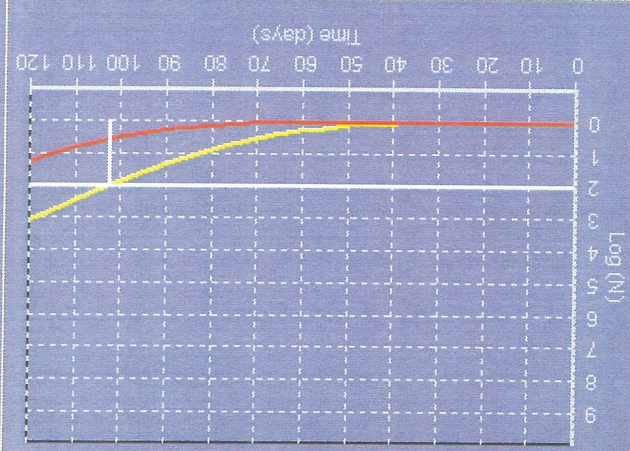




# OptiForm<sup>®</sup> Listeria Control Model 2005

Growth of *Listeria monocytogenes*



Calculate :: Print :: Close

Simulation

Product Data  
 Product name:   
 Cured product     Uncured product

Temperature (°F):   
 pH:   
 Pure lactate (%w/w):   
 Diacetate (%w/w):   
 Salt (%w/w):   
 Moisture (%):   
 Water activity:

Microorganism Data  
 Initial level (Log numbers):   
 Maximum level (Log numbers):

Predictions—(90% and 95% confidence intervals)  
 Lag time: Between 42 and 103 days  
 Doubling time: 114.3 hours  
 Growth rate: 0.006 per hour  
 Increase from log(0) to log(2): Between 103 and 134 days