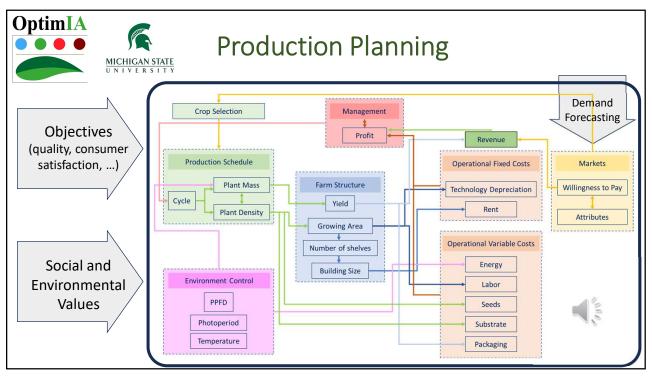


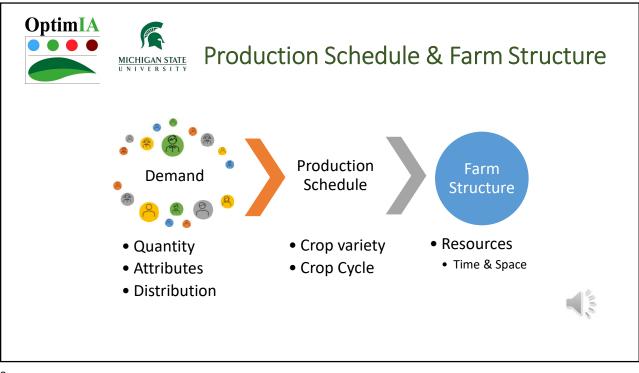


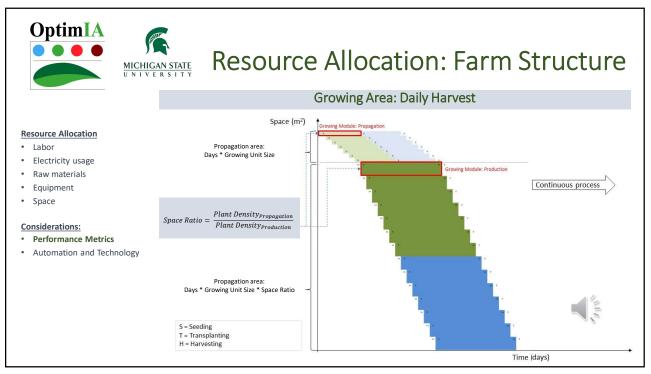
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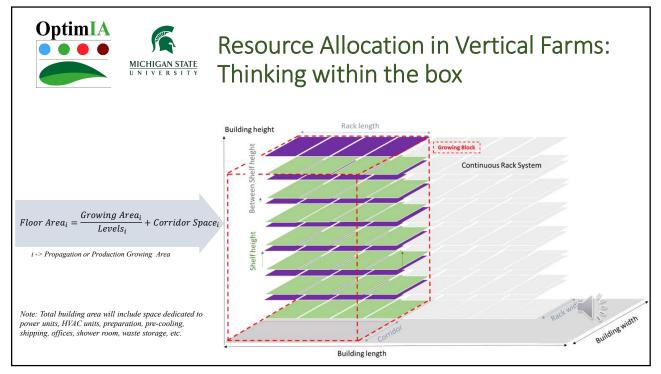
OptimIA Economics Team Simone Valle de Souza, Ph.D. H. Christopher Peterson, Ph.D. Joseph Seong OptimIA Modeling Team Chieri Kubota Murat Kacira KC Shasteen

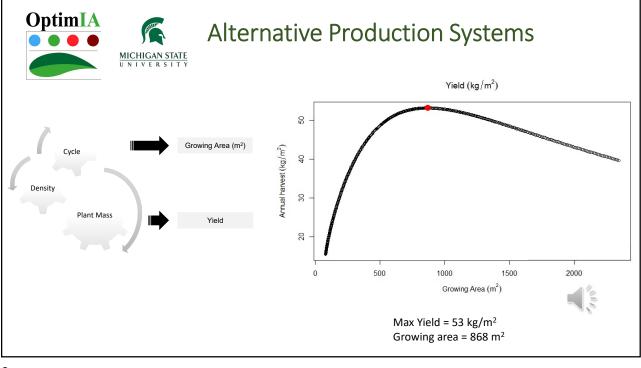
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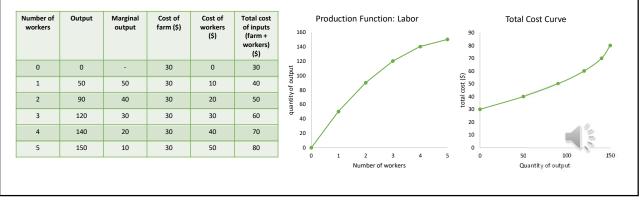


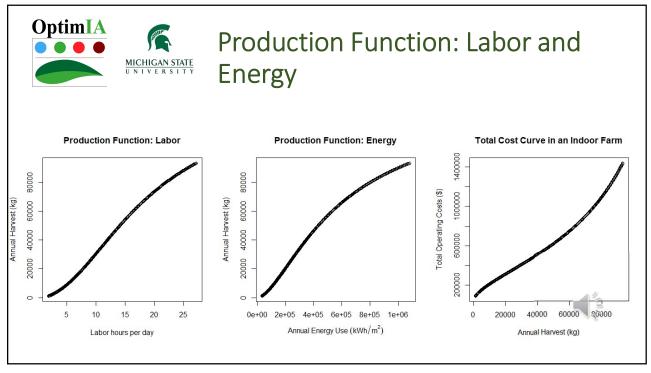


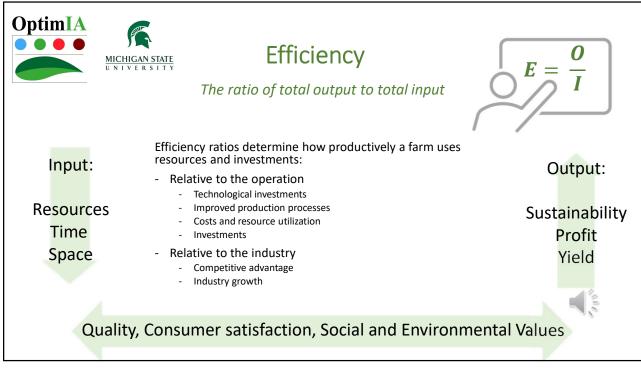


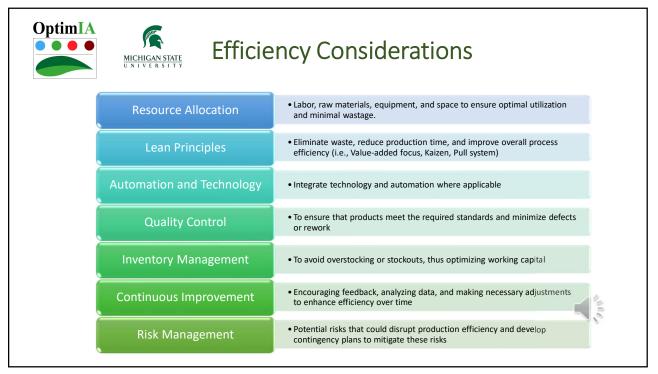
Production Function: the relationship between the <u>quantity of inputs</u> required for a <u>quantity of output</u>.

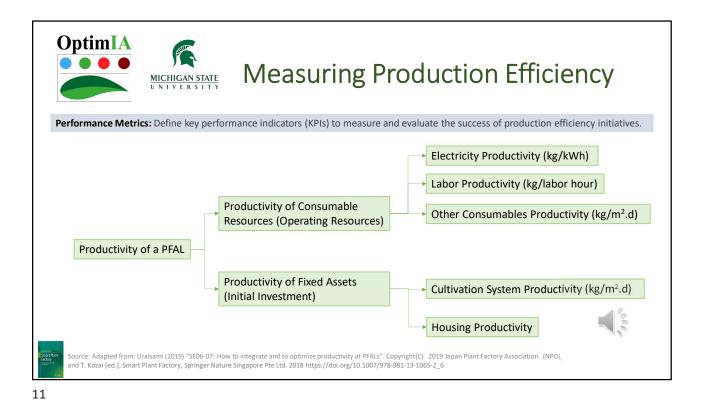
Diminishing Marginal Product: the marginal product of an input declines as quantity of the input increases.

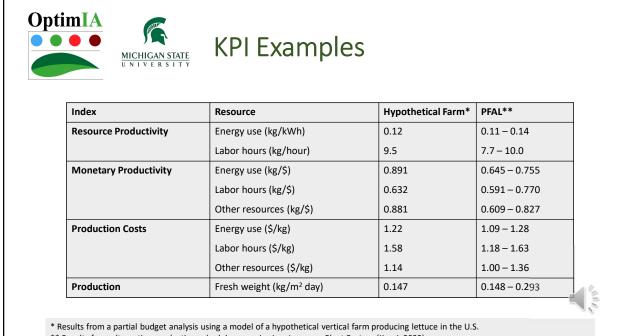












** Results from alternative production schedule scenarios in a Japanese Plant Factory (Kozai, 2022)

