

Ongoing Land Management Checklist for Annual Evaluations

1. Calculate OSY – Include the following costs and considerations:
 - a. Past year's inputs for the following:
 - i. Addition of organic matter to the soil
 - ii. Cost and labor for application of natural fertilizer
 - iii. Cost of synthetic fertilizers necessary to achieve minimum satisfactory yield and cost of application
 - iv. Costs for erosion control
 - (1) Diking
 - (2) Soil dragging
 - (3) Non-cost measures taken:
 - (a) Spring vs. autumn tilling
 - (b) Stubble height
 - (c) Row contours
 - v. Cost for integrated pest management
 - vi. Seed cost
 - vii. Tilling costs
 - viii. Rent
 - b. Transportation/Vehicle Costs
 - i. Fuel Costs
 - ii. Vehicle maintenance
 - iii. Tolls/ tariffs/licenses, etc.
 - iv. Road repair for private and semi-private roads
 - c. Groundwater and drainage system costs
 - i. Drainage improvement – maintenance.
 - (1) Tile maintenance
 - (2) Ditch maintenance
 - ii. Irrigation costs
 - (1) pumping costs
 - (2) repair costs
 - (3) desalination costs
 - (4) set-up or moving costs
 - d. Environmental remediation
 - i. Environmental land use restrictions maintenance
 - ii. Costs to update disclosures
 - e. Administrative costs
 - i. Taxes
 - ii. Loan repayment
2. Calculate OSY-Minimum Satisfactory Yield ratio (Should be 1.0 or greater)

3. If the ratio is not satisfactory, examine alternative crop possibilities -
 - a. Rate the potential crops as:
 - i. immediate change to new crop is possible
 - ii. Change to new crop will take 3-5 years
 - iii. Change to new crop will take 5 years or more.
 - b. Determine the cost to bring a new crop to fruition
4. Formulate additional changes that either lower cost or increase yield