FARM AFRICA

FARMER RECORD KEEPING BOOKLET

POND MANAGEMENT RECORDS

This is a record keeping manual designed to help farmers better manage their fish ponds. The manual is supported by Farm Africa for the Kenya Market-led Aquaculture Programme (KMAP).

Basic Farm Data (1)

BASIC DATA			
Farm ID:		**Farm name**	
County:		**Sub county**	
Farm Manager:		**Contacts:** Email Telephone	

Total number of ponds: _____
Sketch of the farm with pond numbers:
(Include main landmarks such as river, road, and buildings)

Pond No	Area (m2)
Pond ...	
Pond …	

Pond No	Area (m2)

Pond No	Area (m2)

Pond No	Area (m2)

Equipment that you have on farm

Name/item	Quantity	Total value

FIXED COSTS (paid monthly) e.g Labor, rent, maintenance, power, etc.

Name/item	Quantity	Total value

DEPRECIATION/INVESTMENT e.g Ponds, buildings, etc.

Name/item	Years of depreciation	Quantity	Price/unit	Total value

INDIVIDUAL POND RECORD !!!One sheet per pond and per cycle!!!

Farm ID: ……. Pond No: …….. Pond Area (m^2): ……..

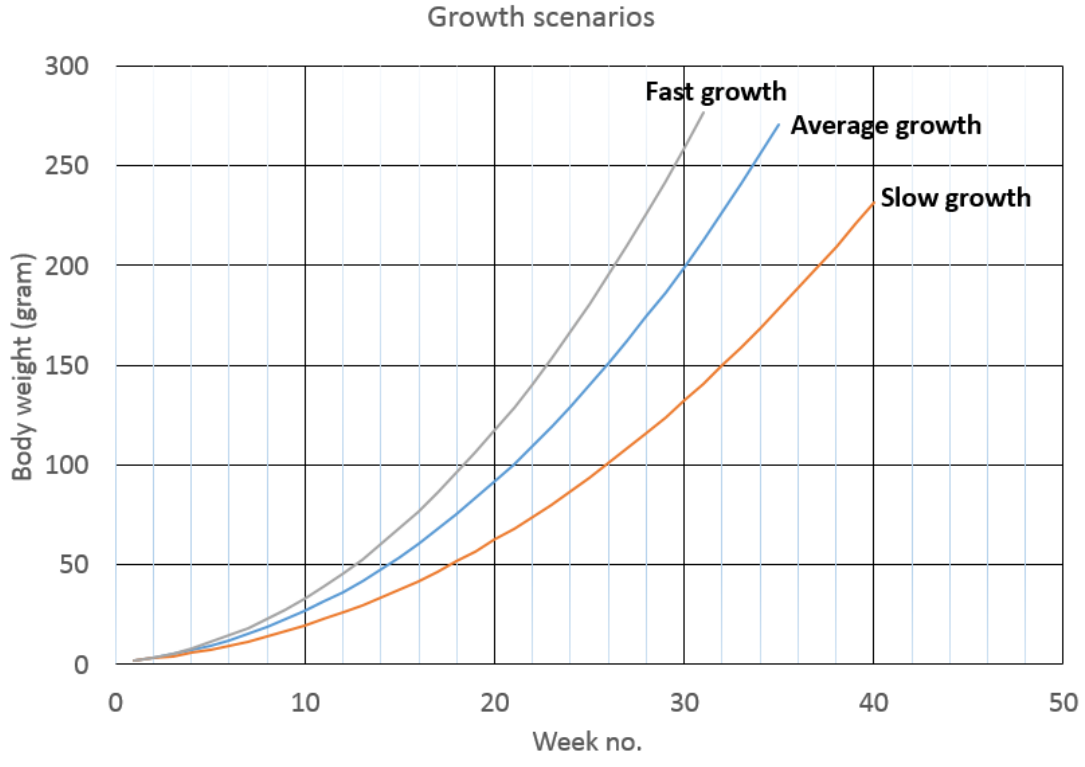
1. Stocking

Species stocked	Quantity stocked	Average Size at stocking Cm and/or weight (gr)	Date stocked
1 …			
2 …			

2. Sampling records

Date (DD/MM/YY)	Weeks *(from stocking)*	Average weight fish (grams)	Number of fish left *(get it from observations)*	Daily ratio to be fed in KG (calculate)

Growth curve: Fill in here your data to see how you are doing.



3. Daily Feeding Record Sheet

Farm ID: …….. Pond No: ……..

Date (DD/MM/YY)	**Quantity to be fed and size of pellet** *(based on sampling data, for whole pond)*	**Quantity of feed that was fed** KG	**Quantity of feed returned to store (not fed) in Kg**	**Remarks/Notes**
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* Based on the sampling data and feeding table

4. Observations / Other inputs

Farm ID: …….. Pond No: ……..

Date (DD/MM/YY)	**Item & Event/Observation** (describe) *(Include all inputs: feed, transport, fertilizer, manure etc.) If you used e.g. your own manure, indicate the price at which you could have sold it.* *Report only on days when there is something to report: e.g. feeding response, weather changes, theft, flooding and other event that influences the fish in the pond*	**Total cost of input** *(include all costs, such as transport etc.)*

5. Harvesting

Date (DD/MM/YY)	**Species**	**Quantity harvested** (pieces)	**Weight of total harvest** kg)	**Quantity eaten** (pieces)	**Quantity sold** (pieces)	**Average price** (ksh per piece sold)	**Total sales** (ksh)
Remarks:							

Farm ID: …….. Pond No: ……..

6. Key indicators

1. Length of production cycle	_____**Months**
2. FCR *(Total kg feed / total Kgs of fish harvested)*	

3. Stocking density at harvest *(total kg/ area of pond in m^2)*	_____**Kg/m2**
4. Survival rate *(pieces stocked/ pieces harvested should be less than 100%*	_____**%**

7. Profitability

Item	Quantity	Price per unit	Total Amount	Remarks
Total Income (Sales of fish)	_____pcs _____kg	In KES per kg _____	+	all fish sold, including what you consumed yourself at sales price
Expenses: Feed (kg)			-	
Other expenses			-	Get these from record 4 (daily observations)
Total labour costs			-	E.g. if you have 10 ponds, 1 pond is 10% of the monthly costs x the number of months of the production.
Casual labour			-	Only fill if not included in "Other Expenses".
Other costs not captured			-	Specify here which ones: _____
GROSS PROFIT				

END OF POND DETAILS.