

SEARCH FOR OUTSTANDING FISHERFOLK- FISHCULTURE
(Pond Aquaculture/ Sea Farming/ Mari culture / Fishpen / Cage Opertion)

I. Rationale

The Philippines produces more than 4.4 million metric tons fish annually. The fishery product, comprised of the riches diversity of species anywhere in the world, are harvested almost in all shallow coastal and deep marine waters around archipelago. Fisheries, provides employment to about 1.5 million people-fishermen. Development efforts in fishery are directed to the management of specific coastal resources and lakes, strict enforcement of fishery laws, provision of infrastructure, market, transport and harvest services and facilities. Increase in fish production shall come from municipal, aquaculture and commercial fisheries.

In response to the challenges of globalization and more recently climate change in the fishery sector and because of its important in the national economy, the Department of Agriculture launched Ginintuang Masaganang Ani – Fisheries Program that aims to increase productivity; reduce and prevent environmental degradation for long term sustainability; adapt effective modern technologies that will increase the potentials for the improvement of aquaculture operations; promote industrialization and make full and efficient use of human and natural resources. The program will implement intervention to compensate for the continuous decline in fish production from capture fisheries through innovations, sustainable and environment-friendly aquaculture management practices.

The Department of Agriculture, in its effort to document to showcase aquaculture as a competitive enterprise in line with sustainable fisheries development corollary to the Fisheries Program, launches the Search for Outstanding Fisherfolk – Fish Culture Award. The search shall give due recognition to outstanding fishfarmers to sustain in enthusiasm in the government’s developmental efforts in fisheries.

II. Objectives

A. General Objectives

- Give due recognition to fishfarmers to their exemplary performance and achievement in aquaculture
- Provides in incentive to fishfarmers to enhance their technologies, improve their production and income-generating activities, and empower them to contribute to the welfare and socio-economic upliftment of their communities

- Document success stories in aquaculture and provide role models that other small fishfarmers can emulate
- Strengthen research and development efforts in aquaculture of the Department of Agriculture by providing a venue where innovations made and proven efficient and effective by experienced fishfarmers can be gathered and made available for further promotion for adoption by other farmers

B. Specific Objectives

- Conduct an annual research for Outstanding Fisherfolk (Fish Culture Category) as part of the yearly GAWAD-SAKA of the Department of Agriculture
- Adopt a systematic search process to come up with an outstanding fishfarmer who is beyond reproach and most deserving of the award
- Disseminate and promote the winning fishfarmer's technological innovations with him as a resource person

III. Scope

The GAWAD-SAKA for Outstanding Fisherfolk (Fish Culture) is an annual nationwide search for fishfarmers who have demonstrated exemplary performance and have met the qualification standards set forth in these guidelines.

Definition of Terms:

Aquaculture is defined as fishery operations involving all forms of raising and culturing fish and fishery species in fresh, brackish and marine areas as defined in the Philippines Fisheries Code of 1998 (RA 8550).

Fishfarmers is defined as a person directly or personally and physically engaged in the culturing of fish and other fishery species in fresh, brackish and marine areas.

Fishery Operations is defined as one who owns and provides the means including labor, capital, fishing gear, and vessels, but does not personally engage in fishery.

IV. Search Rules and Regulations

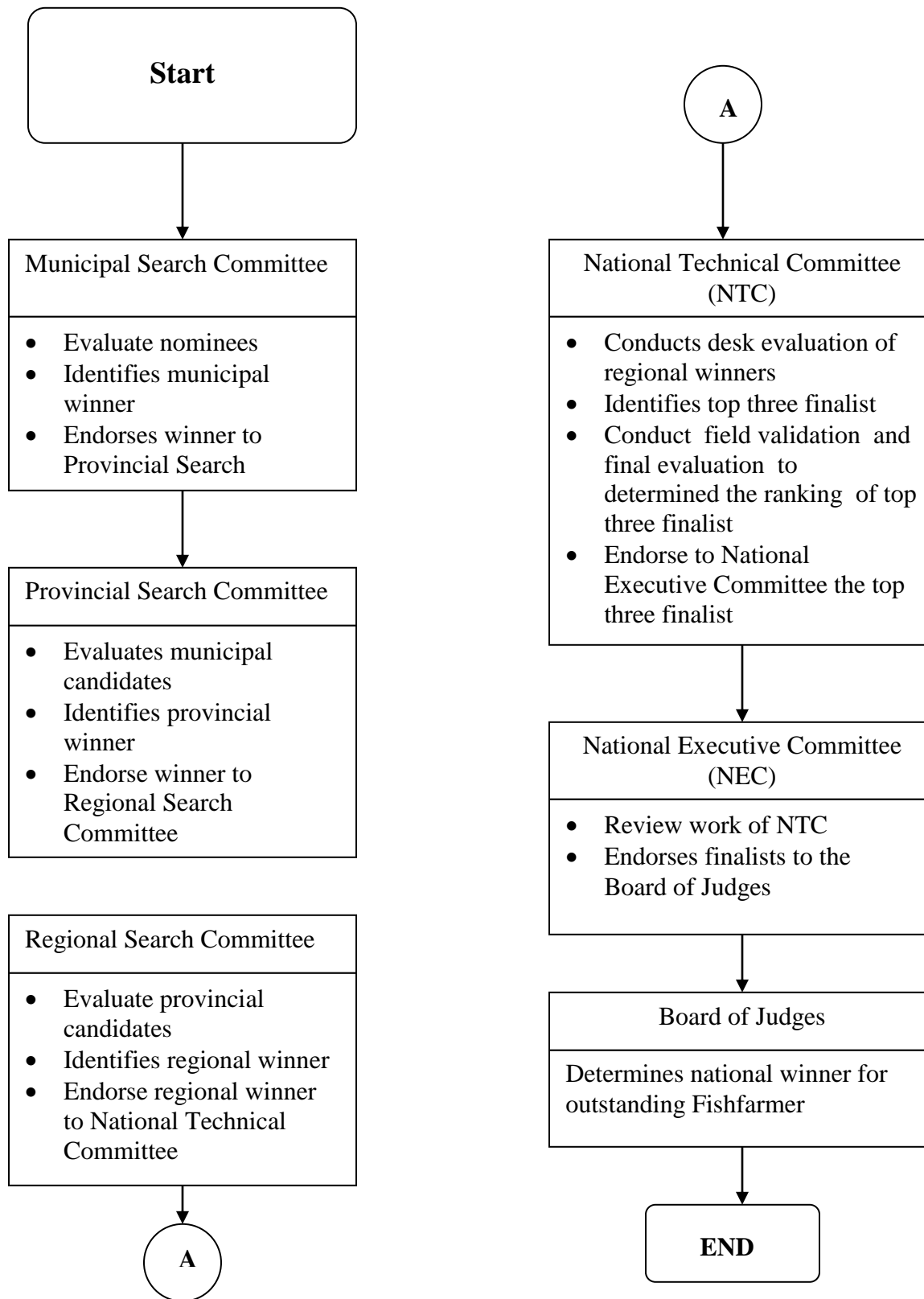
The following rules and regulations shall govern the search:

1. Nomination shall be made on the prescribed form by any individual who is a non-DA employee, a civic organization or a fisherfolk/fishermen's association; Individual application will be accepted.
2. Only qualified nominees as defined in Section III – Scope and Section VI – qualification of nominee and with complete scrap book and records of operations will be considered for evaluation.
3. The immediate two (2) years preceding the start of the search is the performance period covered for evaluation;
4. Only one regional winner per region shall be considered for national evaluation.
5. There shall only be one national winner for Outstanding Fisherfolk – Fish Culture category.
6. A national winner shall not be eligible for nomination in the same category in the DA Annual Search within five (5) years after winning the award.
7. The decision of the board of Judges shall be final.
8. The national winner's scrap book, video tape and other documents submitted for evaluation shall become the property of the Department of Agriculture.

V. Search for Evaluation Process

The search shall be conducted at the barangay level with the local communities or local residents identifying prospective fishermen/nominee. The nominating individual or organization then collects information about the fishermen, assists him in preparing a scrap book containing the documentary requirements outlined in Section VII of this search guideline, and submits the nomination form and scrap book to the Municipal Search Committee.

The evaluation process begins at the Municipal level and ends at the National Level. The following is the evaluation procedure.



VI. Qualification of Nominees

A. Qualification of Pond Aquaculture Operations Nominees

1. A Filipino citizen of good moral characters as duly certified by the barangay Chairman.
2. Must be a non-Department of Agriculture employee/official.
3. Must be a fishfarmer who is the duly registered owner/ lessee of the production units of not more than five (5) hectares aggregate area
4. Minimum number of years in operation should be three (3) years duly supported by three (3) years official ITR
5. Must not have violated any provincial/municipal ordinances, Fisheries Administrative Orders (FAO) and or any fishery law.
6. Must not use non-biodegradable chemicals/ pesticides

B. Qualifications of Sea Farming/Mariculture/Fishpen/Cage Operation Nominees

1. A Filipino citizen of good moral character and has never been convicted by any court of law as duly certified by the Barangay Chairman.
2. Must be a non-Department of Agriculture employee/official
3. Must be a fishpen/fishcage/mariculture farmer by occupation and actively engaged in farming an aggregate area of not more that 1 ha. for seaweeds and bivalves mariculture; 5 ha. for freshwater fish pen and 1 ha. for fish cage aggregate area.
4. The nominee must be a registered operator/farmer with the BFAR, LLDA, LGU, or any authorized licensing agency of the Department of Agriculture.
5. Must not have violated any provincial/municipal ordinances, Fisheries Administrative Orders (FAO) and/or any fishery law. Must have not used banned/non-biodegradable chemicals/pesticides.

VII. Evaluation Guidelines

In each of the levels of evaluation, the scoring system shall be used. Every evaluator shall rate the nominee and give point scores using the set of criteria and point system discussed in Section VIII and IX of this search guideline. The total score for each nominee is determined by adding the scores he/she garnered in all criteria. The total scores of the evaluators shall then be tallied to identify who among the nominees got the highest score.

The Search Committee in each level of evaluation has the right to prescribe its own rules and regulations regarding the evaluation process (i.e. how to break a tie, cut-off score but not below 85%, etc.); however, these rules and regulations must be determined prior to actual evaluation so as not to hamper the objectivity of the search. Only cases not identified prior to actual evaluation shall be resolved in the course of the process or elevated to a higher body of resolution.

VIII. Evaluation Criteria

INDICATORS	POINTS INDICATOR	
A, Technology		25
1. Innovativeness (E.g. pond design, feeding system, species combination, pollution abatement, handling, etc.)	10	
<ul style="list-style-type: none"> ➤ 3 or more innovations ➤ 2 innovations ➤ 1 innovation ➤ None 	10 pts 7 pts 4 pts 1 pt.	
2. Management Practices (Please refer to Section IX prescribed management practices guidelines for evaluation)	15	
<ul style="list-style-type: none"> ➤ Excellent ➤ Good ➤ Fair ➤ Poor 	15 pts 12 pts 8 pts 4 pts	
B, Productivity		
1. Return of Investment (Net income for three (3) years over the total investment)	15	
<ul style="list-style-type: none"> ➤ Above 60% ROI ➤ 50-59% ROI ➤ Less than 50% ROI 	15 pts 10 pts 5 pts	
2. Production Per unit Area/year (reference productivity level is regions average for scoring)	10	
<ul style="list-style-type: none"> ➤ More than 50% above average ➤ 25%-50% above average ➤ Less than 25% above average ➤ Average ➤ Below regions average 	10 pts 8 pts 7 pts 6 pts 5 pts	
C. Environmental Impact		
1. Environment Friendly Management Practices (Feeding system, human activity of the workers and caretakers, predator control, etc.)		
2. Conservation Measures	15	
A. Pond Aquaculture		
<ul style="list-style-type: none"> ➤ Mangrove reforestation between River banks and main dikes */ 		
<ul style="list-style-type: none"> ➤ Riprapping of dikes 		
<ul style="list-style-type: none"> ➤ Wave breaker outside to prevent rapid erosion/dike 		

destruction */		
INDICATORS	POINTS INDICATOR	
➤ Planting creeping vegetation on dikes		
➤ Diversion canal for run-off water		
Scoring:		
➤ All-Excellent	15 pts	
➤ 3-4 -Good	12 pts	
➤ 1-2 - Fair	9 pts	
➤ None-Poor	6 pts	
*/ Additional requirement for Brackishwater Pond		
<i>B. Fish Pen Culture</i>		
➤ Farm area must be situated within the designated aquaculture zone		
➤ Farm is at least 20 m. away from another pen and 50 m. from shoreline		
➤ Safeguard away against rapid silting in the farm site.		
Scoring:		
➤ If both- Excellent	15 pts	
➤ 1 only- Good	12 pts	
<i>C. Cages</i>		
➤ Farm area must be situated within the designated aquaculture zone		
➤ Safeguard against siltation. Line should be set in accordance with the flow.		
➤ Farming operation of seaweed's only.		
Scoring:		
➤ If both - Excellent	15 pts	
➤ 1 only- Good	12 pts	
➤ None - Poor	6 pts	
<i>D. Contribution to the Community</i>		20
a. Technology Transfer (Extent of the technology used in the community or adjacent areas)	5	
b. Contribution to Local Economy (Such as employment generation, increase to feed supply, etc.)	10	
c. participation in Community Organization/s	5	
TOTAL		100

IX. PRESCRIBED MANAGEMENT PRACTICES

Culture system: Species

Pond	-	Finfishes/crustaceans
Cage	-	Finfishes
Pen	-	Finfishes
Mariculture	-	Seaweeds/Finfishes/Mollusks

1. Stocking Rate Recommended:

Milkfish	-	3,000-5,000/ha (semi-intensive)
Milkfish	-	1,000-2,000/ha (Traditional)
Tilapia cage	-	10-15/cubic meter
Tilapia and other omnivorous fish pond		
a) semi-intensive	-	3-5 pcs/sq. m.
b) intensive	-	above 5 pcs/cu. m.
(Oyster mussel)	-	not applicable
Euclidean	-	50-100 gram seedling 20-25 cm. Apart

2. Feed Management

No supplemental feed but		
- with sufficient natural food	-	Excellent
- with supplemental feeds that meets the recommended rate of	-	Good
Milkfish	-	3-5% body weight
Tilapia cage	-	3-5% body weight
Tilapia pen	-	3-5% body weight
- 25% less than recommended	-	Fair
Above the recommended rate	-	Poor

3. Soil Management

Soil conditioning:

- Soil analysis to determine nutrient deficiency and pH level. */
- Use of fertilizers to provide nutrients.
- Liming to neutralize pH. */
- Drying to oxidize build-up organic matters.

*/ - Compulsory Requirements for Brackishwater fishpond

No asterisks - requirement for both brackishwater and freshwater fishpond

Scoring:

If adopting all	-	Excellent
If adopting 3	-	Good
If adopting 2	-	Fair
If adopting 1	-	Poor

4. Water Management (Pond aquaculture)

➤ Water refreshing (at least) once a week	-	Excellent
➤ Once every 2 weeks	-	Good
➤ Once every 3 weeks	-	Fair
➤ Once every month	-	Poor

5. Pest/Predator Control (Pond Aquaculture)

➤ If using organic pesticides	-	Excellent
➤ If using organic pesticides and chemicals	-	Good
➤ If using chemical (biodegradable) pesticides	-	Fair
➤ Farmers using banned/non biodegradable Chemicals/pesticides are automatically disqualified from the search		

6. Stock Management

- Straight culture practice (fingerlings are stocked and remain in the same pond until harvest)
- Complete pond system practices (NP<TP and RP); stock are not moved from 1 type of pond to another following food and space requirements they grow.
- Modular culture system where stock are moved from 1 pond to another, the next pond double the size of the preceding. */

**/ for brackishwater fishpond only*

7. Adjunct Broodstock/hatchery/Nursery Function

➤ If all present	-	Excellent
➤ If only broodstock and hatchery	-	Good
➤ If only hatchery and nursery	-	Good
➤ If only broodstock	-	Fair
➤ If only hatchery	-	Fair
➤ If only nursery	-	Fair

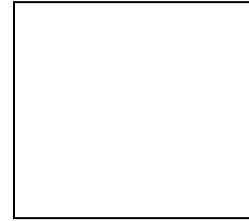
8. Record Keeping

- Keep record from start to harvest - Excellent
- Only activities and inputs - Good
- Activities only - Fair
- Inputs only - Fair
- No records - Poor

9. Documentary Requirements

1. Nomination form
2. Personal data form
3. Income Tax Return (ITR) for the past two (2) years, duly certified by the BIR
4. Certification from the Barangay Chairman that the nominee is a resident of the locality, a Filipino citizen, a non-DA employee, of good moral character.
5. Documentation of claims on any accomplishment or citation for the previous years.
6. Submission of scrap book and video footage (Maximum of 5 minutes) of operational activities, farm/pond cage structures, and other activities/factors that need to be given special focus.

**PERSONAL DATA FORM
OUTSTANDING FISHFARMER
(Fish Culture)**



1. Name :

(Surname) (First Name) (M.I.)

2. Address : _____

(Barangay) (Town) (Province)

3. Citizenship : _____ Sex : _____ Civil Status : _____

4. Date of Birth : _____ Place of Birth : _____

5. Educational Attainment : _____

6. Name of Spouse (If Married) : _____

7. Number of Dependents : _____

Name:	Relationship	Age	Education
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(If more than three (3) dependents, write in separate pages)

8. Type of Project (Pond, cage, pen, seaweed's and others)

9. Location of Project/s: _____

10. Species Cultured : _____

11. Attached records of your fish production operations, production expenses and income.

(Please attached necessary documents)

12. Describe briefly your fish production operations and improvements or innovations introduced (if any).

13. Other sources of income including household members.

Source	Estimated income per year
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

14. Persons who are employed in your project

Activities Performed	No. of Laborers	No. of Days	Relationship
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<hr/>	<hr/>	<hr/>	<hr/>
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15. Assets acquired during the last two (2) years. Include, housing improvements, appliances and capital outlays for other investment. (Submit copy of Income Tax Return for last two years, duly certified by the BIR).

Items	Amount
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
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16. Describe your management practices (pond, cage, pen, seaweed's, feeding, stocking, water management, etc.)

Submitted by:

Signature of Fish farmer

Certified Correct:

AT/MA