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(Draft)

CIRCULAR

Regulations on the management of aquatic animal breeds, aquatic animal feed, and products for treating the aquaculture environment.

Based on the Fisheries Law No. 18/2017/QH14 dated November 21, 2017, and the Law amending and supplementing a number of articles of 15 laws in the fields of agriculture and environment;

Based on Decree No. 35/2025/ND-CP dated February 25, 2025 of the Government stipulating the functions, tasks, powers and organizational structure of the Ministry of Agriculture and Environment;

As requested by the Director of the Fisheries and Fisheries Inspection Department;

The Minister of Agriculture and Environment issued a Circular stipulating regulations on the management of aquatic animal breeds, aquatic animal feed, and products for treating the aquaculture environment.

Chapter I

GENERAL REGULATIONS

Article 1. Scope of application

This Circular provides guidance and detailed regulations on certain provisions stipulated in Point a, Clause 2, Article 23, Clause 5, Article 27, Clause 4, Article 28, Clause 2, Article 31, and Clause 5, Article 36 of the Fisheries Law, including:

1. Promulgate the List of aquatic species permitted for business in Vietnam, the List of aquatic species prohibited from export, and the List of aquatic species subject to export conditions .

2. Regulations on the import and export of aquatic animal breeds; import and export of aquatic animal feed and products for treating the aquaculture environment .

3. Guidelines for inspecting the conditions of aquaculture production and breeding facilities; guidelines for inspecting the conditions of facilities producing, trading, and importing aquaculture feed and aquaculture environment treatment products.

4. Guidelines for quality control of aquatic animal breeds in production and market circulation; guidelines for quality control of aquatic animal feed and aquaculture environment treatment products in production and market circulation.

5. Regulations on the lifespan of broodstock aquatic species; regulations on naming aquatic species .

6. Regulations on naming conventions, permissible error margins in quality analysis, and technical specifications that must be published in the applicable published standards for aquaculture feed and aquaculture environment treatment products.

7. Promulgate a list of chemicals, biological preparations, and microorganisms prohibited for use in aquaculture feed and aquaculture environment treatment products; and a list of chemicals, biological preparations, microorganisms, and feed raw materials permitted for use in aquaculture in Vietnam.

8. Regulations on the procedures for applying technical measures to handle violations of aquatic animal breeding quality; regulations on the procedures for applying technical measures to handle aquatic animal feed and aquaculture environment treatment products that violate quality regulations.

9. Guidance on updating information on aquaculture feed and aquaculture environment treatment products before they are released onto the market.

Article 2. Scope of Application

This Circular applies to organizations and individuals involved in the business of aquatic animal breeding, aquatic animal feed, and aquaculture environment treatment products within the territory of Vietnam.

Chapter II

INSPECTION OF CONDITIONS OF FACILITIES PRODUCING AND NURSERY OF AQUACULTURE SEEDS AND FACILITIES PRODUCING, BUYING, SELLING, AND IMPORTING AQUACULTURE FEED AND AQUACULTURE ENVIRONMENTAL TREATMENT PRODUCTS

Article 3. Inspection of conditions of aquaculture seed production and breeding facilities and aquaculture feed production facilities, and aquaculture environment treatment product facilities.

1. Inspection method: Conducted by inspection team.

2. Grounds for establishing the inspection team:

a) The establishment's request for the issuance or renewal of a certificate of eligibility;

b) The time period for maintaining the basic conditions of facilities that have been granted a certificate of eligibility.

3. The inspection team consists of: a team leader and members; and a consultant as needed.

4. Requirements for the team leader: Must be a department-level leader or higher, or a civil servant with at least 5 years of experience in one of the following fields: aquaculture, aquatic animal breeding, aquatic animal feed, or aquaculture environment treatment products.

5. Requirements for members

The inspection team must have at least one member who meets the following requirements:

a) Participated in a training course on inspecting facility conditions organized by the Department of Fisheries and Fisheries Inspection;

b) Members of the inspection team examining the conditions of aquaculture production and breeding facilities must have a university degree or higher in one of the following fields: aquaculture, aquatic animal pathology, biology, or environment;

c) Members of the inspection team examining the conditions of aquaculture feed production facilities and aquaculture environment treatment products must have a university degree or higher in one of the following fields: aquaculture, aquatic animal pathology, biology, chemistry, food technology, or environment.

6. Requirements for those collecting samples of aquatic species, aquatic feed, and aquaculture environment treatment products: Must have participated in a professional training course on sampling of aquatic species, aquatic feed, and aquaculture environment treatment products organized by the Department of Fisheries and Fisheries Inspection.

Article 4. Inspection of conditions for establishments trading and importing aquatic feed and aquaculture environment treatment products.

1. Inspection agency: The provincial-level state management agency for fisheries inspects the conditions of establishments buying, selling, and importing aquatic feed and aquaculture environment treatment products within the province.

2. Inspection method: This shall be carried out simultaneously with the quality inspection of products circulating in the market as stipulated in Article 7 of this Circular .

3. Inspection content: As stipulated in Article 33 of the Fisheries Law .

Article 5. Training on inspecting facility conditions and taking samples.

1. The Department of Fisheries and Fisheries Inspection organized training courses on inspecting facility conditions and taking samples of aquatic species,

aquatic feed, and aquaculture environment treatment products for officials of inspection agencies.

2. The training content for inspecting facility conditions includes: Regulations on the conditions for facilities producing and rearing aquatic animal seeds, the conditions for facilities producing aquatic animal feed, and products for treating the aquaculture environment; standards and technical regulations related to aquatic animal seeds, aquatic animal feed, and products for treating the aquaculture environment; and quality management and biosafety systems.

3. The training content on sampling techniques includes: Regulations related to the inspection field and inspection subjects; standards and technical regulations on ensuring safety for sample collectors, sampling methods, and sample preservation; and practical sampling at the facility.

Chapter III

QUALITY CONTROL OF AQUACULTURE SEEDS, AQUACULTURE FEED, AND AQUACULTURE ENVIRONMENTAL TREATMENT PRODUCTS

Article 6. Quality control of aquatic animal breeds in production and rearing; quality control of aquatic animal feed and aquaculture environment treatment products in production.

1. Inspection agency

a) Department of Fisheries and Fisheries Inspection: Inspecting the quality of broodstock; inspecting the quality of aquatic feed and aquaculture environment treatment products for foreign investors and economic organizations with foreign investment capital.

b) Provincial-level state management agencies for fisheries: Inspect the quality of aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products within their jurisdiction, except as stipulated in point a, clause 1 of this Article; inspect the quality of broodstock or inspect aquatic animal feed and aquaculture environment treatment products for foreign investors and economic organizations with foreign investment capital when authorized by the Fisheries and Fisheries Inspection Department.

2. Basis for inspection:

a) As stipulated in Article 32 of the Law on Product and Goods Quality ;

b) Applicable published standards, technical regulations, and regulations of the Ministry of Agriculture and Environment.

3. Content of the examination:

a) Verify compliance with applicable published standards, corresponding national technical regulations, and regulations of the Ministry of Agriculture and Environment; inspect the results of conformity assessment, labeling, conformity marks, compliance marks, and documentation during the production and rearing

process. If necessary, the inspection agency may utilize experts to conduct assessments according to the requirements of the corresponding technical regulations;

b) Take samples for testing when signs of substandard quality are detected after carrying out the procedures specified in point a, clause 3 of this Article.

4. The person collecting the sample must meet the requirements stipulated in Clause 6, Article 3 of this Circular .

5. Permissible errors in the analysis of the quality of aquaculture feed and aquaculture environment treatment products are regulated in Appendix III issued with this Circular.

6. The inspection process and procedures shall be carried out in accordance with the provisions of Clause 3, Article 29 of the Law on Product and Goods Quality .

7. Handling of quality inspection results shall be carried out in accordance with the provisions of Article 30 of the Law on Product and Goods Quality and Article 6 of Decree No. 132/2008/ND-CP. Government Decree dated December 31, 2008, guiding the Law on Product and Goods Quality .

Article 7. Quality control of aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products circulating in the market.

1. Inspection agencies: State management agencies for fisheries under the Ministry of Agriculture and Environment, provincial-level state management agencies for fisheries, and other competent agencies as prescribed by law.

2. The inspection of the quality of aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products circulating in the market shall be carried out in accordance with the Law on Product and Goods Quality and guiding documents and detailed regulations on quality inspection of goods circulating in the market.

3. Permissible errors in the analysis of the quality of aquaculture feed and aquaculture environment treatment products are regulated in Appendix III issued together with this Circular.”

Article 8. Procedures for applying technical measures to handle violations of aquatic animal breeding quality.

1. The destruction of aquatic species that violate quality standards must be carried out according to the following procedures:

a) One of the following methods shall be applied for destruction: heating to 90°C or higher, freezing, using chemicals permitted for use in aquaculture, or other methods as prescribed by law.

b) Prepare a destruction report: The destruction report must bear the full signatures of representatives from the inspection agency and the violating establishment. The main contents of the report include: the basis and reason for

the destruction; the time and place of destruction; the participants in the destruction; the name, type, origin, quantity, and condition of the violating aquatic species at the time of destruction; the method of destruction; and other relevant information.

2. The process for changing the intended use of aquatic species that violate quality standards shall follow these procedures:

a) Apply one of the following measures to change the land use purpose: for landscaping, recreation, or scientific research;

b) The facility must have a plan for changing the land use purpose and report it to the provincial-level state management agency for fisheries to manage and supervise the land use change process.

Article 9. Procedures for applying technical measures to treat aquaculture feed and aquaculture environment treatment products that violate quality regulations.

1. Aquaculture feed and aquaculture environment treatment products that violate quality standards must be destroyed according to the following procedures:

a) One or more of the following methods shall be applied for disposal: using chemicals, using mechanical methods, burning, burying, or other methods as prescribed by law;

b) Prepare a destruction report: The destruction report must bear the full signatures of representatives from the inspection agency and the violating establishment. The main contents of the report include: the basis and reason for the destruction; the time and place of destruction; the participants in the destruction; the name, type, origin, quantity, and condition of the violating products at the time of destruction; the method of destruction; and other relevant information.

2. Aquaculture feed and aquaculture environmental treatment products that violate quality standards may be recycled or repurposed according to the following procedures:

a) Regarding recycling measures: The facility must have a recycling plan and report it to the provincial-level state management agency for fisheries to manage and supervise the recycling process;

b) Regarding land-use conversion measures: The facility must have a land-use conversion plan that complies with legal regulations regarding the product after conversion and report it to the provincial-level state management agency for fisheries to manage and supervise the land-use conversion process.

Article 10. Shelf life of broodstock aquatic species

1. Whiteleg shrimp broodstock

a) The maximum shelf life is 140 days from the date of import for imported broodstock shrimp that meet the minimum weight of 40 g/shrimp for males and 45 g/shrimp for females;

b) The maximum validity period is 120 days from the date of first breeding for domestically produced broodstock or imported broodstock that have not reached the weight specified in point a, clause 1 of this Article.

2. Broodstock tiger prawns

a) The maximum shelf life is 80 days from the date of import for imported broodstock tiger shrimp that meet a minimum weight of 100 g/shrimp for males and 120 g/shrimp for females;

b) The maximum validity period is 60 days from the date of first breeding for domestically produced broodstock, broodstock harvested from the wild, and imported broodstock that have not reached the weight specified in point a, clause 2 of this Article.

3. Broodstock catfish: Maximum lifespan of 60 months from the date of first breeding, and breeding should not exceed 2 times per year.

4. Shelf life of other broodstock aquatic species: Self-declared by the facility.

Article 11. List of chemicals, biological preparations, and microorganisms prohibited for use in aquaculture feed and aquaculture environment treatment products; list of chemicals, biological preparations, microorganisms, and feed production raw materials permitted for use in aquaculture in Vietnam; permissible error in the analysis of feed quality and aquaculture environment treatment products ; Technical specifications must be disclosed in the applicable published standards for feed and environmental treatment products used in aquaculture ; key information in the applicable published standards; List of aquatic species permitted for commercial trade in Vietnam; list of aquatic species prohibited from export; list of aquatic species subject to export conditions.

1. The list of chemicals, biological preparations, and microorganisms prohibited for use in aquaculture feed and aquaculture environment treatment products is specified in Appendix I attached to this Circular.

2. The list of chemicals, biological products, microorganisms, and feed ingredients permitted for use in aquaculture in Vietnam is specified in Appendix II attached to this Circular.

3. Permissible errors in the analysis of feed quality and aquaculture environmental treatment products are specified in Appendix III issued with this Circular.

4. The technical specifications that must be published in the applicable published standards for feed and environmental treatment products in aquaculture are stipulated in Appendix IV issued together with this Circular.

5. The main information in the applicable publication standard is specified in Appendix V issued together with this Circular.

6. The list of aquatic species permitted for commercial trading in Vietnam is specified in Appendix VI attached to this Circular.

7. The list of aquatic species prohibited from export is specified in Appendix VII attached to this Circular.

8. The list of aquatic species subject to conditional export is specified in Appendix VIII issued together with this Circular.

Chapter IV

UPDATED INFORMATION ON AQUACULTURE SPECIES, AQUACULTURE FEED, AND AQUACULTURE ENVIRONMENTAL TREATMENT PRODUCTS

Article 12. Establishing login accounts for the national fisheries database system and updating information on aquatic species, aquatic feed, and aquaculture environment treatment products.

1. Establishments producing, breeding, and importing aquatic animal seeds; establishments producing and importing aquatic animal feed and aquaculture environment treatment products must create accounts to log into the national aquatic animal database system. Account creation information includes:

a) The username is the business registration number or tax identification number;

b) Information to be declared when creating an account includes: Name of establishment, head office address, telephone number, email address, production address, production and breeding conditions, and type of business.

2. Before putting products on the market, manufacturers and importers must submit information on aquatic feed and aquaculture environment treatment products as prescribed in Article 13 of this Circular through an account established in accordance with Clause 1 of this Article.

Article 13. Information on aquatic feed and products for treating the aquaculture environment.

1. Information on domestically produced aquatic feed and aquaculture environment treatment products, including: Information on production location and conditions; information on applicable standards as per Appendix V issued with this Circular; information on conformity declaration; product label (color copy); and product quality test results.

2. Information on imported aquatic feed and aquaculture environment treatment products, including: Information on the production facility, location and production conditions; information on declared standards applied according to Appendix V issued with this Circular; information on conformity declaration; product label (color copy of the original label and label in Vietnamese); valid

Certificate of Free Sale (not applicable to raw materials for aquatic feed production); and results of quality inspection upon import.

3. After receiving all the information as specified in Clauses 1 and 2 of this Article, the national fisheries database system will automatically assign an acceptance code to the establishment to be displayed on the product label or packaging or on accompanying documents for management and traceability purposes. The acceptance code consists of two parts: AA-BBBBBB, in which:

a) AA: Code for classifying aquaculture feed and aquaculture environment treatment products: 01 is the code for aquaculture feed; 02 is the code for aquaculture environment treatment products; 03 is the code for products used for both aquaculture feed and aquaculture environment treatment purposes;

b) BBBBBB: The serial number of aquaculture feed products and aquaculture environment treatment products is assigned in order from 000001 to 999999.

4. When there are any changes to the information updated according to Clauses 1 and 2 of this Article, the establishment must update it before putting the product into circulation on the market.

Article 14. Regulations on naming aquatic feed and aquaculture environment treatment products.

The names of aquatic species, aquatic feed, and aquaculture environment treatment products shall comply with the regulations in Article 11 of Government Decree No. 43/2017/ND-CP dated April 14, 2017, on product labeling.

Chapter V

REGULATIONS ON IMPORT AND EXPORT OF FISH BREEDING STOCK; IMPORT AND EXPORT OF AQUACULTURE FEED AND AQUACULTURE ENVIRONMENTAL TREATMENT PRODUCTS

Article 15. Procedures for granting import licenses for aquatic animal breeds.

1. Organizations and individuals wishing to import aquatic species not listed in the List of Aquatic Species Permitted for Business in Vietnam as stipulated in Appendix VI attached to this Circular, for testing, scientific research, or display at fairs and exhibitions, must obtain a permit from the Chairman of the Provincial People's Committee.

2. The application dossier for an import license for aquatic animal breeds includes:

a) Application for import license for aquatic animal breeds according to Form No. 01, Appendix IX issued with this Circular;

b) Photographs or drawings depicting the aquatic species registered for import, along with its Vietnamese name, scientific name, and English name (if available);

c) The original research proposal approved by the competent state management agency (for cases of import for scientific research);

d) Documentation proving participation in the fair or exhibition; plan for handling the aquatic species after the fair or exhibition ends (for cases of import for display at fairs or exhibitions).

3. The procedure for granting import permits for aquatic animal breeds is as follows:

a) Organizations and individuals shall submit one set of application documents for permission to import aquatic species not listed in the List of aquatic species permitted for business in Vietnam for scientific research, display at fairs and exhibitions to the agency assigned by the Chairman of the Provincial People's Committee to receive and process administrative procedures, either in person, online, or via postal service;

b) The agency assigned by the Chairman of the Provincial People's Committee to receive and process administrative procedure applications shall immediately respond regarding the completeness of the application in the case of direct submission; and within one working day in writing to respond regarding the completeness of the application in the case of online or postal submission.

c) Within 04 working days from the date of receiving complete and valid documents, the specialized agency assigned by the Chairman of the Provincial People's Committee to handle the administrative procedure shall organize the appraisal of the documents and submit them to the Chairman of the Provincial People's Committee for consideration and decision on granting import licenses to organizations and individuals according to Form No. 02, Appendix IX issued with this Circular; in case of refusal to grant an import license, a written notice stating the reasons must be provided to the organization or individual.

4. When imported aquatic species are found to pose a risk to quality, the environment, or biosafety in Vietnam, the Chairman of the Provincial People's Committee shall consider and decide to inspect the management and production system of aquatic species in the exporting country:

a) The inspection team shall consist of: the agency assigned by the Chairman of the Provincial People's Committee to advise on import licensing and related units;

b) The inspection content is as follows: The system of legal documents on quality management, environment, and biosafety related to aquatic animal breeding and the enforcement capacity of the management agency in the exporting country; the conditions for ensuring quality, environment, and biosafety at facilities producing and exporting aquatic animal breeding stock to Vietnam;

c) Announce and publicly disclose the inspection results and decide on the appropriate handling measures for each specific case.

Article 16. Procedures for granting export licenses for aquatic animal breeds.

1. Organizations and individuals wishing to export aquatic species listed in the List of Aquatic Species Prohibited from Export or the List of Aquatic Species Subject to Conditional Export but Not Meeting the Conditions for Scientific Research or International Cooperation purposes shall submit dossiers to the State Management Agency for Fisheries under the Ministry of Agriculture and Environment.

2. The application dossier for an export license includes:

a) Application for export license using Form No. 03, Appendix IX issued with this Circular;

b) Documentation proving the export of aquatic species for scientific research or international cooperation purposes.

3. Procedure for granting export licenses:

a) Within 7 working days, the State management agency for fisheries under the Ministry of Agriculture and Environment shall review the contents of the application dossier and submit it to the Minister of Agriculture and Environment for licensing;

b) The State Management Agency for Fisheries under the Ministry of Agriculture and Environment shall advise the Minister of Agriculture and Environment to consider granting export permits for aquatic animal breeds according to Form No. 04, Appendix IX issued with this Circular to organizations and individuals. If the application dossier is incomplete, the State Management Agency for Fisheries under the Ministry of Agriculture and Environment shall respond to the organization or individual in writing, clearly stating the reasons.

4. The list of aquatic species prohibited from export is specified in Appendix VII attached to this Circular; the list of aquatic species subject to conditional export is specified in Appendix VIII attached to this Circular.

Article 17. Procedures for granting import licenses for aquatic animal feed and aquaculture environment treatment products.

1. Imported aquatic feed and aquaculture environment treatment products, as stipulated in Clause 2, Article 36 of the Fisheries Law, must be licensed by the Chairman of the Provincial People's Committee.

2. The application dossier for importing aquatic feed and aquaculture environment treatment products includes:

a) Import application form according to Form No. 05, Appendix IX issued with this Circular;

b) A certificate confirming the organization or participation in a trade fair or exhibition in Vietnam (for cases of importing goods for presentation at a trade fair or exhibition) containing complete information on the time and location of the event, product information (product name, main ingredients, uses, instructions for use, storage instructions), quantity, weight, plan for handling the products after the trade fair or exhibition, and the responsibilities of the parties involved;

c) The original research proposal approved in accordance with the law on science and technology (for cases of import for research purposes).

3. The procedure for granting import licenses for aquatic feed and aquaculture environment treatment products is as follows:

a) Organizations and individuals shall submit one set of application documents for import permits for aquatic feed and aquaculture environment treatment products for scientific research or display at fairs and exhibitions to the agency assigned by the Chairman of the Provincial People's Committee to receive and process administrative procedures, either in person, online, or via postal service;

b) The agency assigned by the Chairman of the Provincial People's Committee to receive and process administrative procedure applications shall immediately respond regarding the completeness of the application in the case of direct submission; and within one working day in writing to respond regarding the completeness of the application in the case of online or postal submission.

c) Within 04 working days from the date of receiving a valid application, the agency assigned by the Chairman of the Provincial People's Committee to handle the administrative procedure shall organize the appraisal and submit it to the Chairman of the Provincial People's Committee for consideration and decision on granting an import license to the organization or individual according to Form No. 06, Appendix IX issued with this Circular; in case of refusal to grant a license, a written notice stating the reasons must be provided.

4. Provincial-level state management agencies for fisheries shall supervise the participation of organizations and individuals registered for import in trade fairs, exhibitions, and scientific research.

5. Import of live aquatic products for use as aquaculture feed:

a) Organizations and individuals are permitted to import aquatic species listed in the List of Aquatic Species Permitted for Business in Vietnam for use as aquatic feed. In cases where the aquatic species intended for use as aquatic feed is not yet listed in the List of Aquatic Species Permitted for Business in Vietnam, organizations and individuals must conduct trials as stipulated in Article... of Government Decree No. .../2025/ND-CP.

b) The procedures for importing aquatic species permitted for commercial trade in Vietnam for use as aquatic feed shall be carried out in accordance with the provisions of Clause 3 of this Article.

6. When imported aquaculture feed and aquaculture environmental treatment products are found to pose a risk to quality, the environment, or biosafety, the Chairman of the Provincial People's Committee shall consider and decide to inspect the management and production systems of aquaculture feed and aquaculture environmental treatment products in the exporting country.

a) The inspection team consists of: the agency assigned by the Chairman of the Provincial People's Committee and related units;

b) Inspection content: The system of legal documents on quality management, environmental protection, and biosafety in the production of aquatic feed and aquaculture environment treatment products, and the enforcement capacity of the management agency in the exporting country; conditions for ensuring quality, environmental protection, and biosafety at facilities exporting aquatic feed and aquaculture environment treatment products to Vietnam;

c) Announce and publicly disclose the inspection results and decide on the appropriate handling measures for each specific case.

Chapter VI

IMPLEMENTATION ORGANIZATION AND ENFORCEMENT CLAUSES

Article 18. Responsibilities of the parties involved

1. Department of Fisheries and Fisheries Inspection:

a) State management of aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products nationwide. Providing professional guidance and direction related to the management of aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products;

b) Inspecting aquatic species, aquatic feed, and aquaculture environment treatment products nationwide; inspecting the responsibilities of provincial-level state management agencies for fisheries regarding aquatic species, aquatic feed, and aquaculture environment treatment products;

c) Providing professional training on inspecting facility conditions, sampling aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products; training, disseminating information, and providing guidance on production conditions and quality management of aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products for organizations and individuals;

“d) Review, update, and submit to the Ministry of Agriculture and Environment for promulgation: List of aquatic species permitted for business in Vietnam; List of aquatic species prohibited from export; List of aquatic species subject to conditional export; List of chemicals , biological products, and microorganisms prohibited for use in aquatic feed and aquaculture environment treatment products; list of chemicals, biological products, microorganisms, and feed raw materials permitted for use in aquaculture in Vietnam;

d) To develop, manage, and utilize software for managing aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products nationwide; to manage access accounts and grant usage rights to subordinate units and provincial-level fisheries management agencies according to assigned responsibilities and regulations; to manage access accounts of organizations and individuals producing, exporting, and importing aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products;”.

2. Provincial-level state management agencies for fisheries:

a) State management of aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products in the area; inspection of aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products in the area;

b) Organize training sessions and disseminate legal regulations on aquatic animal breeds, aquatic animal feed, and products for treating the aquaculture environment in the area;

c) Perform other tasks related to the management of aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products in the area as authorized by the General Department of Fisheries.

3. Establishments producing or importing aquatic feed and products for treating the aquaculture environment:

a) Update information on aquaculture feed and aquaculture environment treatment products before putting them on the market, in accordance with regulations;

b) Periodically report on the production and import of aquatic feed and aquaculture environment treatment products for the first six months of the year before June 20th annually, and the annual report before December 20th annually, using the provided form. Appendix X is attached to this Circular.

4. Facilities for the production, breeding, and import of aquatic animal breeds:

a) Periodically report on the production and breeding of aquatic species for the first six months of the year before June 20th and the annual report before December 20th, using the form in Appendix XI attached to this Circular;

b) Provide written notification to the provincial-level state management agency for fisheries regarding the use of broodstock for management and monitoring purposes, including the expiration date.

Article 19. Enforcement Provisions

1. This Circular shall take effect from the date...

2. This Circular repeals Article 8 of Circular No. 01/2022/TT-BNNPTNT dated January 18, 2022, issued by the Minister of Agriculture and Rural Development, amending and supplementing a number of Circulars in the field of fisheries .

3. This Circular replaces Circular 26/2018/TT-BNNPTNT dated November 15, 2018, regulating the management of aquatic animal breeds, aquatic animal feed, and aquaculture environment treatment products.

Article 20. Transitional provisions :

1. Organizations and individuals whose applications were received by state agencies or competent authorities for processing under administrative procedures before the effective date of this Circular, but who have not yet received the results

of the administrative procedure, shall continue to be processed according to the provisions of the law at the time of receipt; except in cases where the organization or individual requests to be processed according to the provisions of this Circular.

2. Documents, licenses, and certificates resulting from administrative procedures that were issued by competent authorities before the effective date of this Circular and have not yet expired or reached their expiration date shall continue to be applied and used according to the expiration date stated on those documents, licenses, and certificates until their expiration date.

In cases where organizations or individuals need to amend, supplement, or reissue documents, licenses, or certificates, they should submit a written request to the competent authority or person specified in this Circular for resolution.

Recipient:

- The Central Secretariat of the Communist Party;
- The Prime Minister and Deputy Prime Ministers of the Government;
- Ministries, ministerial-level agencies, and agencies under the Government;
- The Central Office and Committees of the Party;
- Office of the General Secretary;
- Office of the President;
- The National Assembly's Council of Ethnic Minorities and Committees;
- Office of the National Assembly;
- Government Office;
- Supreme People's Court;
- Supreme People's Procuratorate;
- State Audit Office;
- Central Committee of the Vietnam Fatherland Front;
- Central agencies of mass organizations;
- People's Councils and People's Committees of provinces and centrally-administered cities;
- Departments of Agriculture and Environment of provinces and centrally-administered cities;
- Government Gazette; Government Information Portal, Ministry of Agriculture and Environment;
- Minister of Agriculture and Environment (for reporting);
- Ministry of Agriculture and Environment: Deputy Ministers, units under the Ministry;
- Saved: VT, TSKN.

**By order of the Minister
DEPUTY MINISTER**

Phung Duc Tien

LIST OF APPENDICES

(Attached to Circular No..../2025/TT-BNNMT dated...month...year... of the Minister of
Ministry of Agriculture and Environment)

TT	Name of Appendix	Symbol
1.	List of chemicals, biological products, microorganisms prohibited for use in aquatic feed, processing products for aquaculture environment	Appendix I
2.	List of chemicals, biological products, micro- organisms, feed production materials allowed to be used in quaculture in Vietnam	Appendix II
3.	Permissible error in quality analysis of food, products for aquaculture environment	Appendix III
4.	Technical indicators to be announced in the standard announced application of aquatic feed, products for aquaculture environment	Appendix IV
5.	Main information in the announcement of applied standards	Appendix V
6.	List of aquatic species allowed to be traded in Vietnam	Appendix VI
7.	List of aquatic species prohibited from export	Appendix VII
8.	List of aquatic species with conditional export	Appendix VIII
9.	List of forms specified in Chapter V circular	Appendix IX
10.	Sample report on production and import of food aquatic feed, products for aquaculture environment aquaculture	Appendix X
11.	Sample report on production and nursing of seed aquatic products	Appendix XI

APPENDIX I

**LIST OF CHEMICALS, BIOLOGICAL PRODUCTS, MICROORGANISMS
PROHIBITED FROM USE IN AQUATIC FEED, AQUACULTURE ENVIRONMENT
TREATMENT PRODUCTS AQUATIC PRODUCTS**

(Attached to Circular No..../2025/TT-BNNMT dated...month...year... of the Minister of
Ministry of Agriculture and Environment)

No.	Name of chemical, biological product, microorganism
1	Aristolochia spp and preparations thereof
2	Chloramphenicol
3	Chloroform
4	Chlorpromazine
5	Colchicine
6	Clenbuterol
7	Cypermethrin
8	Ciprofloxacin
9	Cysteamine
10	Other Nitroimidazoles
11	Deltamethrin
12	Diethylstilbestrol (DES)
13	Dapsone
14	Dimetridazole
15	Enrofloxacin
16	Ipronidazole
17	Green Malachite
18	Gentian Violet (Crystal violet)
19	Glycopeptides
20	Nitrofurantoin (including Furazolidone)
21	Fluoroquinolones Group
22	Metronidazole
23	Trichlorfon (Dipterex)
24	Trifluralin
25	Ronidazole
26	Vat Yellow 1 (other names: flavanthrone, flavanthrene, sandothrene); molecular formula: C ₂₈ H ₁₂ N ₂ O ₂ ; nomenclature: benzo[h]benz[5,6]acridino[2,1,9,8-klmna]acridine- 8,16-dione.
27	Vat Yellow 2 (other name: Indanthrene); molecular formula: C ₂₈ H ₁₄ N ₂ O ₂ S ₂ ; nomenclature: 2,8-diphenylanthra[2,1-d:6,5-d']bisthiazole-6,12-dione

STT	Chemical, biological product, microorganism name
28	Vat Yellow 3 (other name: Mikethrene); molecular formula: $C_{28}H_{14}N_2O_2S_2$; nomenclature: N,N'-1,5-Anthraquinonylenebisbenzamide.
29	Vat Yellow 4 (other name: Dibenzochrysenedione, Dibenzpyrenequinone); formula molecular: $C_{24}H_{12}O_2$; nomenclature: 7,14-Dibenzpyrenequinone.
30	Auramine (other name: yellow pyoctanine; glauramine); molecular formula: $C_{17}H_{21}N_3$; nomenclature: 4,4'-Carbonimidoylbis[N,N-dimethylbenzenamine] and derivatives of Auramine.

Appendix II

LIST OF CHEMICALS, BIOLOGICAL PRODUCTS, MICROORGANISMS, RAW MATERIALS FOR FOOD PRODUCTION ALLOWED FOR USE IN AQUACULTURE IN VIETNAM

(Attached to Circular No..../2025/TT-BNNMT dated...month...year... of the Minister of Ministry of Agriculture and Environment)

I. CHEMICALS

1. Minerals supplementing aquatic feed, environmental treatment products used in aquaculture

NO	Ingredient, chemical name
1.	Al (Aluminum Hydroxide, Aluminum oxide)
2.	Ca (Calcium Carbonate, Calcium Chloride, Calcium Gluconate, Calcium Lactate, Calcium Iodate, Dicalcium Phosphate, Monocalcium Phosphate, Tricalcium Phosphate, Calcium formate, Calcium sulfate, Cancium citrate, Calcium oxide)
3.	Co (Cobalt Chloride, Cobalt SulCrude lipide, Cobalt Acetate, Cobaltous Carbonate, Cobaltous Sulfate)
4.	Cu (Copper Amino Acid Complex, Copper Chloride, Basic Copper Chloride, Copper Crude proteinate, Copper proteinate, Copper Lysine complex (Chelate), Copper Methionine Complex (Chelate), Copper Peptide, Copper SulCrude lipide, Copper Sulfate, Copper Yeast Complex, Copper Glycine Complex (Chelate), Copper Hydrogen Phosphate, Copper Carbonate, Basic Copper Carbonate, Basic Copper Carbonate monohydrate)
5.	Fe (Ferric Chloride, Ferric Citrate, Ferric Methionine Complex (Chelate), Ferric Sulfate, Ferrous Carbonate, Ferrous Chloride, Ferrous Citrate, Ferrous DL-Threonate, Ferrous Fumarate, Ferrous Glycine Complex (Chelate), Ferrous Lactate, Ferrous SulCrude lipide, Ferrous Yeast Complex, Iron Amino Acid Complex, Iron and Sodium Succinate Citrate, Iron Crude proteinate, Iron proteinate, Iron Peptide, Ferric oxide, Ferric pyrophosphate)
6.	K (Dipotassium Hydrogen Phosphate, Dipotassium Phosphate, Potassium

NO	Ingredient, chemical name
	Chloride, Potassium Dihydrogen Phosphate, Potassium Iodate, Potassium Iodide, Monopotassium Phosphate, Potassium oxide)
7.	Mg (Magnesium Carbonate, Magnesium Chloride, Magnesium Oxide, Magnesium SulCrude lipide, Magnesium Sulfate, Dimagnesium phosphate, Magnesium proteinate, Magnesium sulphate heptahydrate)
8.	Mn (Manganese Amino Acid Complex, Manganese Carbonate, Manganese Chloride, Manganese Crude proteinate, Manganese Methionine Complex (Chelate), Manganese Oxide, Manganese Peptide, Manganese Phosphate (Dibasic), Manganese SulCrude lipide, Manganese Sulfate, Manganese Yeast Complex)
9.	Na (Sodium Bicarbonate, Sodium Chloride, Sodium Dihydrogen Phosphate, Sodium Iodide, Sodium Molybdate, Sodium Selenite, Sodium SulCrude lipide, Sodium Sulfate, Monosodium Phosphate, Disodium Phosphate, Disodium Hydrogen Phosphate, Sodium formate, Sodium oxide, Sodium succinate)
10.	Se (Selenium dioxide, Selenium Yeast, Selenium Yeast Complex)
11.	Zn (Zinc Acetate, Zinc Amino Acid Complex, Zinc Carbonate, Zinc Chloride, Zinc Crude proteinate, Zinc proteinate, Zinc Lactate (α -Hydroxy Propionic Acid Zinc), Zinc Lysine Complex (Chelate), Zinc Methionine Complex (Chelate), Zinc Methionine Sulfate, Zinc Oxide, Zinc Peptide, Zinc SulCrude lipide, Zinc Sulfate, Zinc Hydroxychloride)
12.	Other (Lanthanum/Cerium Chintosan Chelates, Fulvic acid, Humic acid, Butaphotphan; Chromium yeast)

2. Chemicals used in aquatic product farming environment treatment products

NO	Chemical name
1.	2'5-dichloro-4'-nitrosalicylanilide (ethanolamine salt)
2.	Acetic acid
3.	Alkyl benzene sulfonic acid
4.	Alkyl phenoxy
5.	Ammonium Chloride
6.	Ammonium phosphate monobasic
7.	Amyl acetate (pentyl acetat)
8.	Azomite
9.	Benzalkonium Bromide
10.	Benzalkonium Chloride (N-Alkyl-N-benzyl-N,N-dimethylammonium chloride; Alkyldimethylbenzylammonium chloride)
11.	Boric acid
12.	Bromochlorodimethylhydantoin (Bromochloro-5,5-dimethylhydantoin,

NO	Chemical name
	1,3- Dibromo-5,5-dimethylhydantoin, 1,3-Dichloro-5,5-dimethylhydantoin)
13.	Bronopol
14.	Calcium cyanamide
15.	Calcium hydrogenphosphate dihydrate
16.	Calcium hydroxide
17.	Calcium hypochlorite
18.	Calcium peroxide
19.	Calcium silicate
20.	Cetrimonium Bromide
21.	Chloramine T (N-chloro para-toluenesulfonamide)
22.	Chlorine Dioxide
23.	Citric acid
24.	Cobalt sulfate
25.	Complex Iodine
26.	Copper as Elemental (Đồng chelate)
27.	Copper Sulfate Pentahydrate
28.	Copper Triethanolamine Complex
29.	Limestone - $\text{CaCO}_3/\text{MgCO}_3$
30.	Dibromohydantoin
31.	Dissolvine Na2 - EDTA 2Na
32.	Dolomite - $\text{CaMg}(\text{CO}_3)_2$
33.	EDTA Disodium
34.	Ethanol (Ethyl alcohol)
35.	Ethylene Diamine Tetraacetic Acid (EDTA)
36.	Ferrous sulfate
37.	Folic acid
38.	Formalin, Formaldehyde
39.	Glutaraldehyde (Glutardialdehyde, Glutaric acid dialdehyde, Glutaric aldehyde, Glutaric dialdehyde, 1,5-Pentanedial)
40.	Hydrochloric acid
41.	Hydrogen peroxide
42.	Isopropyl alcohol
43.	Malic acid

NO	Chemical name
44.	Methionine Iodine
45.	Monoamonium phosphat
46.	Monoethanolamine
47.	Myristalkonium chloride
48.	Nonyl Phenol Ethoxylates
49.	Nonyl Phenoxy Polyethoxy Etanol
50.	Octyldecyldimethyl ammonium chloride
51.	Ozone
52.	Panthenic acid
53.	Peracetic acid
54.	Phosphoric acid
55.	Phosphorus Pentoxide
56.	Poly Aluminium Chloride
57.	Polysorbate 20
58.	Potassium monopersulphate
59.	Potassium carbonate
60.	Potassium monopersulfate triple salt ($2\text{KHSO}_5 \cdot \text{KHSO}_4 \cdot \text{K}_2\text{SO}_4$)
61.	Potassium nitrate
62.	Potassium permanganate
63.	Potassium persulphate
64.	Potassium phosphate
65.	Potassium sulfate
66.	Povidone Iodine
67.	Propanol
68.	Quaternary ammonium
69.	Salicylic acid
70.	Silicon dioxide
71.	Sodium Bromide
72.	Sodium carbonate
73.	Sodium carbonate peroxide
74.	Sodium carbonate peroxyhydrate
75.	Sodium chlorite
76.	Sodium dibutyl naphthalene sulfonate

NO	Chemical name
77.	Sodium dichloroisocyanurate
78.	Sodium dodecylbenzene sulphonate
79.	Sodium hexameta phosphate
80.	Sodium hydroxide
81.	Sodium hypochlorite
82.	Sodium laureth sulfate
83.	Sodium Lauryl Ether Sulfate
84.	Sodium Lauryl sulfate
85.	Sodium perborate monohydrate
86.	Sodium percarbonate
87.	Sodium percarbonate peroxide
88.	Sodium periodate
89.	Sodium polymeta phosphat
90.	Sodium Silicate
91.	Sodium thiosulfite
92.	Sodium thiosulphate
93.	Sulfamic acid
94.	Sulfuric acid
95.	Tetradecyl trimethya ammonium bromide
96.	Than hoạt tính
97.	Titanium dioxide
98.	Trichloroisocyanuric acid
99.	Tristyrylphenol
100.	Quick lime - CaO/MgO
101.	Slaked lime - Ca(OH) ₂ /Mg(OH) ₂
102.	Zeolite

3. Preservatives, antioxidants and other substances used in feed
aquatic products, aquatic environmental treatment

NO	Ingredient
1.	Preservatives (Ascorbic Acid, Axit adipic, Acetic Acid, Ammonium Formate, Ammonium Propionate, Benzoic Acid, Butyric Acid, Calcium Citrate, Calcium formate, Calcium Propionate, Citric Acid, Formic Acid, Fumaric Acid, Glycerin Fatty Acid Ester, Lactic Acid, Malic Acid, Methyl hydroxybenzoate, Phosphoric Acid, Polyoxyethylene Glycerol Fatty Acid Ester, Polyoxyethylene Sorbitan

	Fatty Acid Ester, Potassium Chloride, Potassium Citrate, Potassium diformate, Potassium Sorbate, Propionic Acid, Propylene Glycol, Sodium Alginate, Sodium Benzoate, Sodium Bicarbonate, Sodium Butyrate, Sodium Carbonate, Sodium Carboxymethyl Cellulose, Sodium Caseinate, Sodium Citrate, Sodium Diacetate, Sodium gluconate, Sodium Hydroxide, sodium methylparaben, Sodium Polyacrylate, Sodium Propionate, sodium propylparaben, Sodium Sorbate, Sorbic Acid, Sorbitan Fatty Acid Ester, Sucrose Fatty Acid Ester, Tartaric Acid, Kaolin (Cao lanh); Diatomite)
2.	Flavors (Banana essence, Cream soda flavor, Lemon Flavor, Mint flavor, Saccharin Sodium, Saroline butter, Sodium Glutamate, Disodium 5'- Inosinate, Disodium 5'-Guanylate, Garlicin (Allimin), Sodium Saccharin, Sorbitol, Thymol (carvacrol), Vanilla)
3.	Antioxidants (6-Palmityl-L-Ascorbic Acid, alpha-Tocopherol (Vitamin E), Butylated Hydroxyanisole (BHA), Butylated Hydroxytoluene (BHT), Butylhydroxyanisol, Dibutylhydroxytoluene, Ethoxyquin, Propyl Gallate, Tea Polyphenol, Tertiary Butyl Hydroquinone (TBHQ), Cleanatis M1, EGCG (EpiGalloCatechin Gallate), Eugenol, Formic acid; Acetic acid; Propionic acid; Butyric acid; Cinnamic acid; Sorbic acid; Fumaric acid; Lactic acid; Oxalic acid; Malonic acid; Succinic acid; Malic acid; Citric acid; Tartaric acid; Benzoic acid)
4.	Emulsifier (Chenodeoxycholic acid, Deoxycholic Acid, Lecithin, Sodium hexametaphosphate, 1,2-Propanediol, Glyceryl polyethyleneglycol ricinoleate)
5.	Coloring agent (Amaranth (chất tạo màu từ rau dền), Astaxanthin, Beta-apo-8'-carotenoic acid ethyl ester, Brilliant Blue, Canthaxanthin, Caramel, Erythrosine sodium, Fea green, Lake Sunset Yellow, Lake Tartrazine, Xanthophyll, Yolk yellow pigment, Tartrazine, Ponceau 4R)
6.	Substance binding, auxiliary material, additive, carrier substance (Calibrin-z, Sodium lignosulphonate, Xanthan Gum, Dextrose, sodium starch glycolate, Chromium picolinate, colloidal anhydrous silica, Dextrose Monohydrate, Glucuronolactone, Inulin, Zeolite, Bentonite, Silicic acid, Acacia (Gum arabic), Sepiolite, Sapsicum oleoresin, Hypromellose; Hydroxyethylcellulose, Carmellose Sodium; Crospovidone; Polacrillin Potassium; Croscarmellose sodium, Polymethylolcarbamide, Glucose, Lactose, Gluten ngô, Cám gạo, tinh bột, Cholesterol, nước cất, Bột Talc (Hydrated magnesium silicate)

II. BIOLOGICAL PRODUCTS, MICROORGANISMS, VITAMINS, AMINO ACIDS USED IN AQUATIC FEED, ENVIRONMENTAL TREATMENT PRODUCTS FOR AQUACULTURE

1. Biological active substances and products extracted from organisms used in aquatic feed, environmental treatment products for aquaculture

NO	Biological products
1.	Products extracted from <i>Quillaja saponaria</i>
2.	Products extracted from <i>Yucca schidigera</i>
3.	Products extracted from garlic, ginger, turmeric.
4.	Chitosan-oligosaccharide
5.	Fructo-oligosaccharides
6.	Galactomanno-oligosaccharides
7.	Galacto-oligosaccharides
8.	Low-molecular-weight Chitosan
9.	Manno-oligosaccharides
10.	Xylo-oligosaccharides
11.	β -Glucan (beta-glucan)
12.	Mannan-oligosaccharides
13.	Milk Thistle
14.	Sorbitol
15.	(2-carboxyethyl) dimethylsulfonium chloride
16.	Rotenone (only for use in environmental treatment products)
17.	Saponin from tea residue powder, tea seed powder (only for use in environment)

2. Microorganisms used in aquatic feed, environmental treatment products
aquaculture

NO	Microorganism name
1.	<i>Acetobacillus</i> spp.
2.	<i>Alcaligenes</i> sp.
3.	<i>Aspergillus</i> (<i>Aspergillus niger</i> , <i>Aspergillus oryzae</i>)
4.	<i>Bacillus</i> (<i>Bacillus aminovorans</i> , <i>Bacillus natto</i> , <i>Bacillus amyloliquefaciens</i> , <i>Bacillus azotoformans</i> , <i>Bacillus badius</i> , <i>Bacillus clausii</i> , <i>Bacillus coagulans</i> , <i>Bacillus circulans</i> , <i>Bacillus indicus</i> , <i>Bacillus laterosporus</i> , <i>Bacillus lentus</i> , <i>Bacillus licheniformis</i> , <i>Bacillus megaterium</i> , <i>Bacillus mesentericus</i> , <i>Bacillus pantothenicus</i> , <i>Bacillus polymyxa</i> , <i>Bacillus pumilus</i> , <i>Bacillus stearothermophilus</i> , <i>Bacillus subtilis</i> , <i>Bacillus thuringiensis</i> , <i>Bacillus laevolacticus</i>)
5.	<i>Bacteroides</i> (<i>Bacteroides succinogenes</i> , <i>Bacteroides ruminicola</i>)
6.	<i>Bifidobacterium</i> (<i>Bifidobacterium adolescentis</i> , <i>Bifidobacterium animalis</i> , <i>Bifidobacterium bifidum</i> , <i>Bifidobacterium breve</i> , <i>Bifidobacterium infantis</i> , <i>Bifidobacterium longum</i> , <i>Bifidobacterium pseudolongum</i> , <i>Bifidobacterium thermophilum</i>)

NO	Microorganism name
7.	<i>Brevibacillus</i> (<i>Brevibacillus laterosporus</i> (<i>Bacillus laterosporus</i>), <i>Brevibacillus parabrevis</i> , <i>Brevibacillus velezensis</i>)
8.	<i>Candida utilis</i>
9.	<i>Cellulomonas</i>
10.	<i>Clostridium butyricum</i>
11.	<i>Dekkera bruxellensis</i>
12.	<i>Enterobacter</i>
13.	<i>Enterococcus</i> (<i>Enterococcus faecalis</i> , <i>Enterococcus faecium</i> , <i>Enterococcus lactis</i>)
14.	<i>Lactobacillus</i> (<i>Lactobacillus acidophilus</i> , <i>Lactobacillus bulgaricus</i> , <i>Lactobacillus casei</i> , <i>Lactobacillus cellobiosus</i> , <i>Lactobacillus delbrueckii</i> , <i>Lactobacillus delbrueckii</i> subsp. <i>Bulgaricus</i> (<i>Lactobacillus bulgaricus</i>), <i>Lactobacillus delbrueckii</i> subsp. <i>Lactis</i> (<i>Lactobacillus lactis</i>), <i>Lactobacillus fermentum</i> , <i>Lactobacillus helveticus</i> , <i>Lactobacillus lactis</i> , <i>Lactobacillus plantarum</i> , <i>Lactobacillus reuteri</i> , <i>Lactobacillus rhamnosus</i> , <i>Lactobacillus salivarius</i> , <i>Lactobacillus sporogenes</i> , <i>Lactobacillus bifidobacterium</i> , <i>Lactobacillus farciminis</i> , <i>Lactobacillus rhammosus</i>)
15.	<i>Nitrifier bacteria</i>
16.	<i>Nitrobacter</i> (<i>Nitrobacter</i> sp., <i>Nitrobacter widnogradskyi</i>)
17.	<i>Nitrococcus</i>
18.	<i>Nitrosococcus</i>
19.	<i>Nitrosomonas</i> (<i>Nitrosomonas</i> sp., <i>Nitrosomonas europea</i>)
20.	<i>Paracoccus</i> (<i>Paracoccus denitrifican</i> , <i>Paracoccus pantotrophus</i>)
21.	<i>Pediococcus</i> (<i>Pediococcus acidilactici</i> , <i>Pediococcus pentosaceus</i>)
22.	<i>Pichia farinosa</i>
23.	<i>Pseudomonas</i> (<i>Pseudomonas syringae</i> , <i>Pseudomonas stutzeri</i>)
24.	<i>Rhodobacter</i>
25.	<i>Rhodococcus</i>
26.	<i>Rhodopseudomonas</i> (<i>Rhodopseudomonas palustris</i> , <i>Rhodopseudomonas</i> sp.)
27.	<i>Saccharomyces</i> (<i>Saccharomyces boulardii</i> , <i>Saccharomyces cerevisiae</i>)
28.	<i>Streptococcus thermophilus</i>
29.	<i>Thiobacillus</i> (<i>Thiobacillus denitrificans</i> , <i>Thiobacillus ferrooxidans</i> , <i>Thiobacillus versutus</i>)
30.	<i>Rhodospirillum</i> spp.

3. Vitamins used in aquatic feed, products for treating aquaculture environment aquatic cultivation

NO	Ingredients
1.	Vitamin A (Beta-Carotene, Retinyl Palmitate, Vitamin A Acetate, β -Carotene, Vitamin A propionate)
2.	Vitamin B1 (Dibenzoyl Thiamine Hydrochloride, Thiamine Mononitrate, Thiamine Hydrochloride)
3.	Vitamin B12 (Cyanocobalamin)
4.	Vitamin B2 (Riboflavin, Riboflavin Tetrabutrate)
5.	Vitamin B3 (Niacinamide, Nicotinamide, Nicotinic Acid)
6.	Vitamin B4 (Choline Chloride)
7.	Vitamin B5 (Calcium DL-Pantothenate, Calcium L-Pantothenate, D-Pantothenyl Alcohol, D-Calcium Pantothenate, DL-Calcium Pantothenate)
8.	Vitamin B6 (Pyridoxine Hydrochloride)
9.	Vitamin B8 (Inositol)
10.	Vitamin B9 (Folic Acid)
11.	Vitamin BT (L-Carnitine, L-Carnitine Hydrochloride)
12.	Vitamin C (6-Palmitoyl-L-Ascorbic Acid, Calcium L- Ascorbate, Calcium L-Ascorbate, L- Ascorbyl-2-Phosphate, L-Ascorbic Acid, L-Ascorbic acid-2-phosphoestermagnesium, Sodium L-Ascorbate, Sodium-Carcium-L-Ascorbic acid-2-phosphate ester)
13.	Vitamin D (Ergocalciferol, Cholecalciferol)
14.	Vitamin E (D-alpha-Tocopherol acetate, DL-alpha-Tocopherol, DL-alpha-Tocopherol Acetate)
15.	Vitamin H (D-Biotin, p-Aminobenzoic Acid)
16.	Vitamin K (Acetomenaphthone Menadione Dimethylpyrimidinol Bisulfite, Menadione Nicotinamide Bisulfite, Menadione Sodium Bisulfite)
17.	Vitamin B13 (Orotic acid)
18.	Khác (Betaine, Betaine Hydrochloride, 25-Hydroxycholecalciferol)

4. Enzyme used in aquatic feed, products for aquaculture environment aquatic cultivation

NO	Ingredient
1.	Alpha galactosidase
2.	Amylase
3.	Arabinase
4.	Beta glucanase
5.	Catalase
6.	Cellulase
7.	Cellulobiase
8.	Endo- Glucanase
9.	Esterase
10.	Glucose Oxidase
11.	Hemicellulase
12.	Hydrolase
13.	Isomerase
14.	Keratinase
15.	Lactase
16.	Ligninase
17.	Lipase
18.	Maltase
19.	Oxidoreductase
20.	Pectinase
21.	Phytase
22.	Protease (Acid Protease, Alkaline Protease, Neutral Protease, Proteinase)
23.	Urease
24.	Xylanase
25.	α -Galactosidase
26.	β -Glucanase
27.	β -Mannanase

5. Amino acids used in aquatic feed, environmental treatment product

Aquaculture

NO	Ingredient
1.	Arginine (L-Arginine, L-Arginine Monohydrochloride)
2.	Aspartic Acid
3.	Carnitine (L-Carnitine)
4.	Cysteine (L-Cysteine)
5.	Cystine
6.	DL-2-Hydroxy 4 - Methylthiobutanoic acid
7.	Glutamate (Monosodium L-glutamate)
8.	Glutamic Acid
9.	Glutamine
10.	Glycine
11.	Histidine (L-Histidine)
12.	Leucine (L-Leucine, Isoleucine)
13.	Lysine (L-Lysine, L-Lysine Monohydrochloride, L-Lysine SulCrude lipide, L-Lysine sulphate)
14.	Methionine (DL-Methionine, L-Methionine, Methionine Hydroxy Analogue, Methionine Hydroxy AnalogueCalcium, N-acetyl-DL-Methionine)
15.	Phenylalanine
16.	Proline (L-Proline)
17.	Serine
18.	Taurine
19.	Threonine (L-Threonine)
20.	Tryptophan (DL-Tryptophan, L-Tryptophan)
21.	Tyrosine (L-Tyrosine)
22.	Valine (L-Valine)

III. RAW MATERIALS FOR FOOD PRODUCTION

NO	Raw materials
1	Raw materials of animal origin
1.1	Raw materials of aquatic animal origin: Fish meal, fish juice, hydrolyzed fish, other products from fish, crustacean meal, krill meal, squid liver meal, other raw materials from aquatic animals
1.2	Raw materials of terrestrial animal origin: Bone meal, meat meal, meat bone meal, blood meal, dairy products, hydrolyzed feather meal, insect meal and invertebrates; egg products; milk and products from Milk; products, by-products from

NO	Raw materials
	terrestrial animals
1.3	Other ingredients of animal origin
2	Ingredients of plant origin
2.1	Nuts and products from nuts Cereal grains: Corn, paddy, wheat, barley, millet, other cereal grains; products, by-products from cereal grains Beans: Soybeans, green beans, lupin beans, cowpeas, other beans; products, by-products from beans Oilseeds: Peanuts, cottonseed, flaxseed, sesame, cashews, other oilseeds; products, by-products from oilseeds Other seeds
2.2	Oil meal: Soybean oil meal, peanut oil meal, palm oil meal, rapeseed oil meal, sesame oil meal, sunflower oil meal, flaxseed oil meal, coconut oil meal, cottonseed oil meal, lupin oil meal, Guar oil meal; other oil meals;
2.3	Roots, stems, tubers, fruits: Roots, stems, tubers, fruits (e.g. potatoes, cassava, carrots, radishes, arrowroot, bananas, sugarcane, vegetables...); products, by-products from roots, stems, tubers, fruits.
2.4	Gluten: Corn gluten, wheat gluten, other gluten.
2.5	Other ingredients from plants (excluding ingredients that are medicinal materials).
3	Oils, fats of plant, terrestrial animal, aquatic, fungal, microbial origin organisms, algae and other organisms
4	Ingredients from fungi, microorganisms, seaweed, algae: - Products from yeast (<i>saccharomyces cerevisiae</i>): Yeast extract; Brewers dried yeast; Hydrolyzed yeast; - Seaweed, algae included in the List of aquatic species allowed for business in Vietnam; Microbial biomass used in aquatic feed.
5	Products, by-products from food production process
5.1	Products, by-products from sugar and confectionery production and processing: Molasses, crumbs, other products, by-products from sugar and confectionery.
5.2	By products from alcohol, beer production: Distillers grains, wine lees, beer lees, beer yeast, wine yeast, dried grains with solubles (DDGS) and other by-products from alcohol, beer production
5.3	Products, by-products from other food production.
5.4	Starches: Rice starch, corn starch, cassava starch, wheat starch and starch

NO	Raw materials
	other.
5.5	Sugars: Glucose, lactose, maltose and other sugars
6	Artemia eggs (Artemia egg, Brine shrimp egg)
7	Synthetic substances, food supplements or food additives (Mixture (Premix) minerals, vitamins, additives)

IV. CHEMICALS, BIOLOGICAL PRODUCTS, MICROORGANISMS, RAW MATERIALS FOR PRODUCING AQUATIC FEED ARE THE RESULT OF TESTING OR THE RESULT OF SCIENCE AND TECHNOLOGY TASKS HAS BEEN RECOGNIZED OR BY A COMPETENT STATE AGENCY PERMITTED

1. Chemicals, biological products, microorganisms, raw materials for producing aquatic feed products that have been tested and recognized by the Directorate of Fisheries in accordance with regulations.
2. Chemicals, biological products, microorganisms, raw materials for producing aquatic feed products are the result of science and technology tasks that have been recognized or permitted by a competent state agency./.

APPENDIX III

PERMITTED ERRORS IN ANALYZING THE QUALITY OF FOOD AND PRODUCTS ENVIRONMENTAL TREATMENT FOR AQUACULTURE

(Attached to Circular No..../2025/TT-BNNMT dated...month...year... of the Minister of Ministry of Agriculture and Environment)

NO	Declared content (1)	Unit of calculation (2)	Permissible error (±%) (3)
1	90,0 - 100,0	%	2,0
2	50,0 - < 90,0	%	2,5
3	30,0 - < 50,0	%	3,0
4	10,0 - < 30,0	%	4,0
5	1,0 - < 10,0	%	15,0
6	0,1 - < 1,0	%	20,0
7	10,0 - < 1.000	ppm	20,0
8	1,0 - < 10,0	ppm	30,0
9	100,0 - < 1.000	ppb	40,0
10	10,0 - < 100,0	ppb	60,0
11	1,0 - < 10,0	ppb	80,0
12	<1,0	ppb	100,0

Note:

(1) Content of ingredients, active substances declared on the product label or basic standard.

(2) Other units of measurement (g/kg, g/l, mg/kg, mg/l, mg/g, mg/ml,...) are converted to % or ppm or ppb. For indicators for which the content and unit of measurement are not specified in the table above, the error allowed is $\pm 15\%$.

(3) Formula for calculating error: The error in quality control is calculated according to the formula:

$$S (\%) = (A-B) \times 100/B$$

Where:

S: Error in quality control;

A: Quality test results;

B: Content announced by the facility.

Result:

Pass: If S is within the allowable error range

Fail: If S is outside the allowable error range

In case of announcing the content in the range: If the test result is less than the lower threshold content, then B is the declared lower threshold value; if the test result is greater than the declared upper threshold content, then B is the declared upper threshold value.

Appendix IV

TECHNICAL INDICATORS TO BE PUBLISHED IN THE STANDARD

ANNOUNCEMENT OF AQUATIC FEED, ENVIRONMENTAL TREATMENT PRODUCTS AQUATIC BREEDING ENVIRONMENT

(Attached to Circular No..../2025/TT-BNNMT dated...month...year... of the Minister of
Ministry of Agriculture and Environment)

1. For compound aquatic feed

No.	Indicators announced in the applied announcement standard	Announced indicators on product labels product	Unit calculati on	Form of announcement announ cement
1	Humidity	Humidity	%	Not greater than
2	Crude protein	Crude protein*	%	Not less than
3	Crude fat	Crude fat	%	Not less than
4	Crude fiber	Crude fiber	%	Not greater than
5	Total ash		%	Not greater than
6	Calcium		%	Not less than
7	Total phosphorus	Total phosphorus	%	Not less than
8	Total Lysine	Total Lysine*	%	Not less than
9	Total Methionine + Cystine number		%	Not less than
10	Sensory indicators: Form, color		-	Description
11	Size of powder form or flake or pellet form			Size
12	Other ingredients: Preservatives, stabilizers, carriers, colorants, etc.	Other ingredients: ingredient name, active ingredient	-	Not required to announce content, except for anti- oxidant **
13	Other indicators according to Regulations corresponding technical standard		-	According to corresponding technical regulations

* Main quality indicator of compound aquatic feed

**For antioxidants, the maximum content must be announced: Ethoxyquin, Dibutylhydroxytoluene, BHT (Butylated hydroxyl toluene), BHA (Butylated hydroxyl Anisole).

2. For compound feed for pet animals

No.	Specifications announced in the applied standard Application	Announced specifications on product label	Unit Calculation	Form of announcement Announcement
1	Sensory criteria: Form, color		-	Description
2	Humidity	Humidity	%	Not greater than
3	Crude protein	Crude protein*	%	Not less than
4	Crude fat	Crude fat	%	Not less than
5	Crude fiber	Crude fiber	%	Not greater than
6	Total minerals		%	Not greater than
7	Other ingredients: Preservatives, stabilizers, carriers, colorants,	Other ingredients: ingredient name, active substance		Content not to be announced
8	Other criteria according to corresponding technical regulations		-	According to corresponding technical regulations

* Main quality criteria of compound aquatic feed for pet animals

3. For premixes: Minerals, vitamins, amino acids

NO	Specifications announced in the applied standard Application	Specifications announced on the label product	Unit Calculation	Form of announcement
1	Sensory criteria: Form, color		-	Description
2	Humidity	Humidity	%	Not greater than (for dry products) dry)
3	Vitamin composition, single minerals or amino acids	Ingredient*: Vitamin, single mineral or amino acids	g/kg, mg/kg, µg/kg, g/L, mg/L, µg/L, IU/kg, IU/L; - Other units	Minimum or equal to or within the range**
4	Other ingredients: Preservatives, stabilizers, stabilizers, carriers, color agents, ...	Other ingredients ingredient name active ingredient		Content not required to be disclosed
5	Other indicators according		-	According to Technical

	to Technical Regulations corresponding			corresponding regulations
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* Main quality indicators of the product

* * For vitamins and amino acids, declare the minimum or equal content. Other indicators depend on each indicator to choose the appropriate form of publication.

4. Biological products

STT	Indicators announced in the published standard applied application	Indicators announced on the label product	Unit of calculation	Form publication
1	Sensory indicators: form, color		-	Describe
2	Humidity	Humidity	%	Not greater than for products dry)
3	Enzyme name; microorganism species name; name and formula of beneficial biological active ingredient	Ingredients *: Enzyme name; microorganism species name; name and formula of beneficial active ingredient	- Enzyme, or beneficial active ingredient: U/kg, U/L, U/g, U/ml; mg/kg, mg/ml. - Microorganisms: CFU/kg, CFU/l, CFU/g, CFU/ml; - Beneficial active ingredient: g/kg, mg/kg, µg/kg, IU/kg, g/L, mg/l, µg/l, IU/l	Minimum or equal or within range**

			- Unit of measurement different according to the test method (specify in the declared standard).	
4	Other ingredients: Preservatives, stabilizers, carriers, colorants, etc.	Other ingredients: ingredient name, active ingredient		Not required to declare content
5	Other indicators according to corresponding technical regulations		-	According to corresponding technical regulations

* Main quality indicator of the product

** For enzymes, microorganisms declare the minimum or equal content. Other indicators depend on each indicator to choose the appropriate form of declaration.

5. For raw materials, chemicals and other products (including bait)

No.	Indicators declared in the applied declaration standard application	Indicators declared on the product label product	Unit of measurement	Form of declaration declaration
1	Sensory indicators: form, color		-	Description
2	Humidity		%	Not greater than (if it is a dry product)
3	Name, chemical formula and content of active ingredients with main properties and uses	Name, chemical formula and content of active ingredients with main properties and uses *	According to the properties of the ingredient, test method (specify in the declared standard)	Minimum or maximum or within range**
4	Other ingredients: Preservatives, stabilizers, carriers, colorants, ...	Other ingredients: Ingredient name, active ingredient		Not required to declare content

5	Indicators according to corresponding technical regulations			
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* Main quality indicator of the product

** Depending on each indicator, choose the appropriate form of declaration.

Appendix V

KEY INFORMATION IN THE STANDARD FOR ANNOUNCEMENT OF APPLICATION

- 1.(Attached to Circular No.../2025/TT-BNNMT dated...month...year... of the Minister of
2.Ministry of Agriculture and Environment)
- 3.Name, address, telephone number of the organization or individual announcing the standard
- 4.Name, address, telephone number of the production facility, production location
3. Group, type of product
4. Product name
- 5.Standard number announced for application
6. Scope of application of the standard
7. Referenced documents (sampling methods, testing methods for indicators quality and safety indicators of the product)
8. Technical indicators
 - 8.1. Group of sensory indicators
 - 8.2. Group of quality indicators
 - 8.3. Group of safety indicators
9. Ingredient composition
 - Do not use Protein derived from the same genus as farmed aquatic species to produce aquatic feed, except for hydrolyzed Proteins with a molecular weight <10,000 Daltons.
 - Do not use raw materials from illegal, unreported and unregulated (IUU) sources.
10. Instructions for use, expiration date, safety warnings (if any), stop using before harvesting (if any)
11. Storage instructions
12. Time of standard announcement
13. Confirmation of the standard announcing unit./.

Appendix VI

LIST OF AQUATIC SPECIES ALLOWED FOR BUSINESS IN VIETNAM

(Applicable to aquatic breed management, aquaculture management, import of live seafood)

(Attached to Circular No..../2025/TT-BNNMT dated...month...year... of the Minister of Ministry of Agriculture and Environment)

I. FISH SPECIES

NO	Vietnamese name	Scientific name
1	Ali fish	<i>Sciaenochromis ahli</i>
2	Anh Vu fish	<i>Semilabeo notabilis</i>
3	Three-lips fish	<i>Barbichthys laevis</i>
4	Basa fish	<i>Pangasius bocourti</i>
5	Paradise fish	<i>Trichopsis vittata</i>
6	Panchax	<i>Aplocheilus panchax</i>
7	Hillstream loach	<i>Sewellia lineolata</i>
8	Hillstream loach	<i>Sewellia speciosa</i>
9	Black tetra/Black skirt tetra	<i>Gymnocorymbus ternetzi</i>
10	Guppy	<i>Poecilia reticulata</i>
11	Giant trevally/Ignobilis trevally yellow	<i>Caranx ignobilis</i>
12	Yellow catfish	<i>Tachysurus fulvidraco</i>
13	Khopoli barb	<i>Spinibarbus denticulatus</i>
14	Chinese sleeper	<i>Bostrichthys sinensis</i>
15	Sand goby	<i>Glossogobius giuris</i>
16	Butis goby	<i>Butis butis</i>
17	Sutchi catfish	<i>Pangasius krempfi</i>
18	Clown goby/bumblebee goby	<i>Brachygobius doriae</i>
19	Mit goby	<i>Stigmatogobius sadanundio</i>
20	Shorthead gudgeon	<i>Philypnus chalmersi</i>
21	Marble goby	<i>Oxyeleotris marmorata</i>
22	Robust tonguefish	<i>Cynoglossus robustus</i>
23	Crested flounder	<i>Samaris cristatus</i>

NO	Vietnamese name	Scientific name
24	Indian halibut	<i>Psettodes erumei</i>
25	Large-tooth flounder	<i>Pseudorhombus arsius</i>
26	Olive flounder	<i>Paralichthys olivaceus</i>
27	Cobia/Black kingfish	<i>Rachycentron canadum</i>
28	Giant bitterling	<i>Rhodeus ocellatus</i>
29	Small bitterling	<i>Acheilognathus elongatoides</i>
30	False bitterling	<i>Pararhodeus kyphus</i>
31	Red River bitterling	<i>Acanthorhodeus dayeus</i>
32	Rainbow runner	<i>Elagatis bipinnulata</i>
33	Rainbow runner/Cobia/Cobia	<i>Seriolina nigrofasciata</i>
34	Cobia/Cobia/Cobia	<i>Seriola dumerili</i>
35	Cobia/Pilot fish/Cobia	<i>Naucrates ductor</i>
36	Largescale terapon	<i>Terapon puta</i>
37	Sharp-nosed terapon	<i>Rhynchopelates oxyrhynchus</i>
38	Humpback grunter	<i>Terapon jarbua</i>
39	Straight-lined terapon	<i>Terapon theraps</i>
40	Puntius semifasciolatus	<i>Barbodes semifasciolatus</i>
41	Red rainbowfish	<i>Glossolepis incisus</i>
42	Enoplos loach	<i>Cyclocheilichthys enoplos</i>
43	Dark cyclocheilichthys	<i>Cyclocheilichthys apogon</i>
44	Clown featherback	<i>Chitala ornata</i>
45	Blanci's featherback	<i>Chitala blanci</i>
46	Black paradisefish	<i>Macropodus spechti</i>
47	Tire track eel	<i>Mastacembelus favus</i>
48	Oriental weatherfish	<i>Misgurnus anguillicaudatus</i>
49	Lesser spiny eel	<i>Macrognathus circumcinctus</i>
50	Zig-zag eel/Spiny eel	<i>Macrognathus aculeatus</i>
51	Fire eel	<i>Mastacembelus erythrotaenia</i>
52	Striped spiny eel	<i>Macrognathus taeniagaster</i>
53	Tire-track spiny eel	<i>Mastacembelus armatus</i>
54	Hoeven's barb	<i>Leptobarbus hoevenii</i>

NO	Vietnamese name	Scientific name
55	Dwarf snakehead	<i>Channa gachua</i>
56	Barred Garra	<i>Acrossocheilus clivosius</i>
57	Red eye carp	<i>Squaliobarbus curriculus</i>
58	Barramundi/Giant Sea Perch	<i>Lates calcarifer</i>
59	Carp	<i>Cyprinus carpio</i>
60	Marine Filefish	<i>Proteracanthus sarissophorus</i>
61	Giant Devil Catfish	<i>Bagarius yarrelli</i>
62	Silver Pomfret	<i>Monodactylus argenteus</i>
63	Mono Angelfish	<i>Monodactylus sebae</i>
64	Black Pomfret	<i>Parastromateus niger</i>
65	Sickle Pomfret	<i>Psenopsis anomala</i>
66	Silver dollar	<i>Brachyhalcinus orbicularis</i>
67	Silver Pomfret	<i>Pampus argenteus</i>
68	White Pomfret	<i>Piaractus brachypomus</i>
69	Golden Pompano	<i>Trachinotus blochii</i>
70	Snubnose Pompano	<i>Trachinotus falcatus</i>
71	European eel	<i>Anguilla anguilla</i>
72	Giant mottled eel	<i>Anguilla marmorata</i>
73	Bicolor eel	<i>Anguilla bicolor</i>
74	Japanese eel	<i>Anguilla japonica</i>
75	Pointed eel	<i>Anguilla borneensis</i>
76	Siamese fighting fish	<i>Betta splendens</i>
77	Mystus gulio	<i>Mystus gulio</i>
78	Mystus bimaculatus	<i>Pseudomystus siamensis</i>
79	Mystus vittatus	<i>Mystus vittatus</i>
80	Mystus mysticetus	<i>Mystus mysticetus</i>
81	Snakehead Murrel	<i>Channa maculate/Ophiocephalus maculatus</i>
82	Striped snakehead	<i>Channa striata</i>
83	Parazacco spilurus	<i>Parazacco spilurus</i>
84	Zacco platypus	<i>Zacco platypus</i>
85	Winged flyingfish	<i>Cypselurus poecilopterus</i>

NO	Vietnamese name	Scientific name
86	Orange-spotted spinefoot	<i>Siganus guttatus</i>
87	Crucian carp	<i>Carassius auratus</i>
88	White cloud mountain minnow	<i>Tanichthys albonubes</i>
89	Red tilapia	<i>Oreochromis spp</i>
90	Dotted eel	<i>Muraenesox cinereus</i>
91	Pineapple fish/ Turmeric catfish	<i>Pangasius kunyit</i>
92	Goldfish oranda	<i>Andinoacara pulcher</i>
93	Red cheek barb	<i>Systomus orphoides</i>
94	Spotted barb	<i>Enteromius stigmatopygus</i>
95	Striped barb	<i>Barbodes semifasciolatus</i>
96	Da River barb	<i>Puntius takhoaensis</i>
97	Flathead grey mullet	<i>Mugil cephalus</i>
98	Spotted croaker	<i>Nibea maculata</i>
99	Red drum/Redfish	<i>Sciaenops ocellatus</i>
100	Silver croaker/Silver jewfish	<i>Pennahia argentata</i>
101	Silver sillago	<i>Sillago sihama</i>
102	Spiketail paradisefish	<i>Pseudosphromenus dayi</i>
103	Black sharkminnow	<i>Labeo chrysophekadion</i>
104	Freshwater pipefish/freshwater seahorse	<i>Doryichthys boaja</i>
105	Yellow seabream/Three-spot seabream /Yellowfin seabream	<i>Dentex tumifrons</i>
106	Blackline rasbora/Flying barb/Flying fox Siamese algae eater	<i>Crossocheilus oblongus</i>
107	Sailfin molly	<i>Poecilia latipinna</i>
108	Black arowana	<i>Osteoglossum ferreirai</i>
109	Black ghost knifefish	<i>Apteronotus albifrons</i>
110	Red spot emperor/Emperor red snapper	<i>Lethrinus lentjan</i>
111	Schwanenfeld's tinfoil barb	<i>Barbonymus schwanenfeldii</i>
112	Longnose emperor	<i>Lethrinus miniatus</i>
113	Red tinfoil barb	<i>Barbonymus altus</i>

NO	Vietnamese name	Scientific name
114	Y-loach	<i>Syncrossus hymenophysa</i>
115	Clown loach	<i>Syncrossus beauforti</i>
116	Zigzag loach	<i>Acantopsis dialuzona</i>
117	Clown loach	<i>Chromobotia macracanthus</i>
118	Skunk botia	<i>Yasuhikotakia morleti</i>
119	Tiger loach	<i>Syncrossus helodes</i>
120	Striped Dolphin	<i>Yasuhikotakia modesta</i>
121	Firemouth Cichlid	<i>Thorichthys helleri</i>
122	Black Molly	<i>Poecilia sphenops</i>
123	Liberty Molly	<i>Poecilia velifera</i>
124	Peacock Bass	<i>Cichla ocellaris</i>
125	Gold Thorichthys	<i>Thorichthys aureus</i>
126	Electric Yellow	<i>Labidochromis caeruleus</i>
127	Giant Barb	<i>Catlocarpio siamensis</i>
128	Largehead hairtail	<i>Trichiurus lepturus</i>
129	Rainbow trout	<i>Oncorhynchus mykiss</i>
130	Red Snapper	<i>Lutjanus erythropterus</i>
131	Silver Snapper	<i>Lutjanus argentimaculatus</i>
132	Four-lined Snapper	<i>Lutjanus kasmira</i>
133	Blackstripe Snapper	<i>Lutjanus vitta</i>
134	Blood Red Snapper	<i>Lutjanus sanguineus</i>
135	Parrot Cichlid	<i>Amphilophus labiatus X Heros severus</i>
136	Platy	<i>Xiphophorus maculatus</i>
137	Denison Barb	<i>Sahyadria denisonii</i>
138	Rosy Tetra	<i>Hyphessobrycon callistus</i>
139	Redtail Catfish	<i>Phractocephalus hemioliopus</i>
140	Pangasius	<i>Pangasius conchophilus</i>
141	Asian Arowana	<i>Scleropages formosus</i>
142	Zebra Mbuna	<i>Maylandia zebra</i>
143	Arrow Goby	<i>Pseudapocryptes lanceolatus</i>
144	Iride scent shark	<i>Phalacrodon bleekeri</i>
145	Saratoga	<i>Scleropages leichardti</i>

NO	Vietnamese name	Scientific name
146	Freshwater Garfish	<i>Xenentodon cancila</i>
147	Salvin's Cichlid	<i>Cichlasoma salvini</i>
148	Koi Fish	<i>Cyprinus carpio rubrofusus</i>
149	Bombay duck	<i>Harpadon nehereus</i>
150	Ladder Loach	<i>Yunnanilus cruciatus</i>
151	Tomato Clownfish	<i>Amphiprion frenatus</i>
152	Ocellaris Clownfish	<i>Amphiprion ocellaris</i>
153	Ornate Bichir	<i>Polypterus ornatipinnis</i>
154	Senegal Bichir	<i>Polypterus senegalus</i>
155	Flowerhorn/Pearlscale Flowerhorn	<i>Vieja bifasciata</i>
156	Spotted Mystus	<i>Hemibagrus guttatus</i>
157	Black Mystus	<i>Hemibagrus pluriradiatus</i>
158	Redtail Mystus	<i>Hemibagrus wyckioides</i>
159	Naked Mystus	<i>Mystus wolffii</i>
160	Yellow Mystus	<i>Mystus nemurus</i>
161	Wallago	<i>Wallago attu</i>
162	Pygmy Halfbeak	<i>Dermogenys pusilla</i>
163	Giant Snakehead	<i>Channa micropeltes</i>
164	Flying Barb	<i>Esomus danrica</i>
165	Harlequin Rasbora	<i>Trigonostigma heteromorpha</i>
166	Rasbora paviana	<i>Rasbora paviana</i>
167	Boraras urophthalmoides	<i>Rasbora borapetensis</i>
168	Rasbora myersi	<i>Rasbora myersi</i>
169	Brilliant Rasbora	<i>Rasbora argyrotænia</i>
170	Bleeker's Rasbora	<i>Luciosoma bleekeri</i>
171	Esomus metallicus	<i>Esomus metallicus</i>
172	Three-lined Rasbora	<i>Rasbora trilineata</i>
173	Red-striped Rasbora	<i>Rasbora retrodorsalis</i>
174	Rasbora/Redtail Rasbora	<i>Rasbora lateristriata</i>
175	Yellow Croaker/Red Drum/Sóc Fish	<i>Larimichthys crocea</i>
176	Laubuka	<i>Laubuka laubuca</i>
177	Chinese Algae Eater	<i>Gyrinocheilus aymonieri</i>
178	Giant Barb	<i>Elopichthys bambusa</i>

NO	Vietnamese name	Scientific name
179	Milkfish	<i>Chanos chanos</i>
180	Banded Archerfish	<i>Toxotes chatareus</i>
181	Archerfish (spitting, high shot)	<i>Toxotes jaculatrix</i>
182	Frogfish/Devil Fish	<i>Allenbatrachus grunniens</i>
183	White cloud Mountain Minnow	<i>Tanichthys albonubes</i>
184	Bighead Carp	<i>Hypophthalmichthys nobilis</i>
185	Black Carp	<i>Osteochilus melanopleurus</i>
186	Osteochilus vittatus	<i>Osteochilus vittatus</i>
187	Silver carp (South China)	<i>Hypophthalmichthys molitrix</i>
188	Silver carp (Vietnam)	<i>Hypophthalmichthys harmandi</i>
189	Java barb	<i>Barbonymus gonionotus</i>
190	Tiger shovel nose catfish	<i>Pseudoplatystoma fasciatum</i>
191	Dorosoma thrissa	<i>Clupanodon thrissa</i>
192	Grouper (Seabass) black spot	<i>Epinephelus malabaricus</i>
193	Grouper (Seabass) red spot	<i>Epinephelus akaara</i>
194	Grouper (Seabass) thorny spot	<i>Epinephelus areolatus</i>
195	Grouper (Seabass) honeycomb spot	<i>Epinephelus merra</i>
196	Grouper (Seabass) striped spot	<i>Epinephelus amblycephalus</i>
197	Grouper (Seabass) blue spot/Grouper white	<i>Plectropomus leopardus</i>
198	Grouper (Seabass) spot/Grouper spot blue	<i>Epinephelus chlorostigma</i>
199	Grouper (Seabass) mouse	<i>Cromileptes altivelis</i>
200	Grouper (Seabass) flat	<i>Epinephelus bleekeri</i>
201	Grouper (Seabass) black brown spot	<i>Epinephelus coioides</i>
202	Grouper (Seabass) brown flower/Tiger Group	<i>Epinephelus fuscoguttatus</i>
203	Grouper (Seabass) hybrid/Pearl Grouper	♂ <i>Epinephelus lanceolatus</i> X ♀ <i>Epinephelus</i>
204	Grouper (Seabass) fat/Grouper ruồi	<i>Epinephelus tauvina</i>
205	Grouper (Seabass) turmeric	<i>Epinephelus lanceolatus</i>
206	Grouper (Seabass) star	<i>Plectropomus maculatus</i>
207	Grouper (Seabass) six stripes	<i>Epinephelus sexfasciatus</i>
208	Grouper (Seabass) six horizontal	<i>Epinephelus fasciatus</i>

NO	Vietnamese name	Scientific name
	stripes	
209	Grouper (Seabass) stripe	<i>Epinephelus bruneus</i>
210	Freshwater golden grouper/Australian grouper	<i>Maccullochella peelii peelii</i>
211	Kissing gourami	<i>Helostoma temminckii</i>
212	Hainania serrata	<i>Hainania serrata</i>
213	Luciosoma setigerum	<i>Luciosoma setigerum</i>
214	Clown featherback	<i>Chitala chitala</i>
215	Scat	<i>Scatophagus argus</i>
216	Neon tetra	<i>Paracheirodon innesi</i>
217	Emerald dwarf rasbora/Galaxy rasbora sea	<i>Tanichthys micagemmae</i>
218	Leopard pufferfish/Pitted pufferfish leopard	<i>Dichotomyctere fluviatilis</i>
219	Long pufferfish	<i>Pao leiurus</i>
220	Red eye puffer	<i>Carinotetraodon lorteti</i>
221	Mite pufferfish	<i>Pao palembangensis</i>
222	Bagrid catfish	<i>Cranoglanis boudierus</i>
223	Silver arowana	<i>Osteoglossum bicirrhosum</i>
224	Jardini arowana/Australian arowana	<i>Scleropages jardinii</i>
225	Five-banded barb	<i>Desmopuntius pentazona</i>
226	Bigeye tuna	<i>Thunnus obesus</i>
227	Yellowfin tuna	<i>Thunnus albacares</i>
228	Hampala barb	<i>Hampala dispar</i>
229	Hampala barb	<i>Hippocampus trimaculatus</i>
230	Black seahorse	<i>Hippocampus kuda</i>
231	Thorny seahorse	<i>Hippocampus histrix</i>
232	Southern seahorse/Lined seahorse	<i>Hampala macrolepidota</i>
233	Japanese seahorse	<i>Hippocampus mohnikei</i>
234	Kellogg's seahorse	<i>Hippocampus kelloggi</i>

NO	Vietnamese name	Scientific name
235	Tiger tail seahorse	<i>Hippocampus comes</i>
236	Zebra danio/Zebra fish	<i>Danio rerio</i>
237	Channel catfish	<i>Ictalurus punctatus</i>
238	Rice eel	<i>Pisodonophis boro</i>
239	Darkfin gudgeon	<i>Sarcocheilichthys nigripinnis</i>
240	Fourfinger threadfin	<i>Eleutheronema tetradactylum</i>
241	Bumblebee goby	<i>Brachygobius sua</i>
242	Indian threadfin	<i>Polynemus longipectoralis</i>
243	Paradise threadfin	<i>Polynemus paradiseus</i>
244	Suriname eartheater	<i>Geophagus surinamensis</i>
245	Short barb	<i>Puntius brevis</i>
246	Red-tailed labeo	<i>Bangana lemassoni</i>
247	Black sea bream	<i>Lobotes surinamensis</i>
248	Freshwater Sea Bass	<i>Pristolepis fasciata</i>
249	Climbing Perch	<i>Anabas testudineus</i>
250	Nile Tilapia	<i>Oreochromis niloticus</i>
251	Blue Tilapia	<i>Oreochromis aureus</i>
252	Three Spot Gourami	<i>Trichopodus trichopterus</i>
253	Moonlight Gourami/Gourami	<i>Trichopodus microlepis</i>
254	Dwarf Gourami	<i>Colisa lalia</i>
255	Snakeskin Gourami	<i>Trichogaster pectoralis</i>
256	Pearl Gourami	<i>Trichopodus leerii</i>
257	Siamese Tigerfish	<i>Nandus nandus</i>
258	Japanese Rice Fish	<i>Oryzias latipes</i>
259	Wolff's Glassfish	<i>Parambassis wolffii</i>
260	Siamese Glassfish	<i>Parambassis siamensis</i>
261	Giant Croaker	<i>Protonibea diacanthus</i>
262	Croaker	<i>Boesemania microlepis</i>

NO	Vietnamese name	Scientific name
263	Oscar	<i>Astronotus ocellatus</i>
264	Giant gourami	<i>Osphronemus goramy</i>
265	Beluga Sturgeon	<i>Huso huso</i>
266	Russian Sturgeon	<i>Acipenser gueldenstaedtii</i>
267	Sterlet Sturgeon	<i>Acipenser ruthenus</i>
268	Chinese Sturgeon	<i>Acipenser sinensis</i>
269	Siberian Sturgeon	<i>Acipenser baerii</i>
270	Snow White Socolofi Cichlid	<i>Pseudotropheus socolofi</i>
271	Tiger Barb	<i>Puntigrus tetrazona</i>
272	Reticulate Hillstream Loach	<i>Sewellia elongata</i>
273	Tiger Hillstream Loach	<i>Sewellia lineolata</i>
274	Featherback	<i>Notopterus notopterus</i>
275	Indonesian Tiger Datnoid	<i>Datnioides quadrifasciatus</i>
276	Siamese Tiger Datnoid	<i>Datnioides microlepis</i>
277	Sparkling Gourami	<i>Trichopsis pumila</i>
278	Angelfish	<i>Pterophyllum scalare</i>
279	Tonkin Bitterling	<i>Acheilognathus tonkinensis</i>
280	Day River Bitterling	<i>Acheilognathus longibarbus</i>
281	Paradise fish/Siamese fighting fish/Guppy thia	<i>Macropodus opercularis</i>
282	Sharpbelly	<i>Cultrichthys erythropterus</i>
283	Mudskipper	<i>Periophthalmodon schlosseri</i>
284	Tra Catfish	<i>Pangasianodon hypophthalmus</i>
285	Jullien's Golden Carp	<i>Probarbus jullieni</i>
286	Black Sea Bream	<i>Acanthopagrus schlegelii</i>
287	Yellowfin Sea Bream	<i>Acanthopagrus latus</i>
288	Grass Carp	<i>Ctenopharyngodon idella</i>
289	Black Carp	<i>Mylopharyngodon piceus</i>
290	White Barb	<i>Barbodes binotatus</i>
291	Common Whitefish	<i>Coregonus lavaretus</i>
292	Two-spot Catfish	<i>Ompok bimaculatus</i>

NO	Vietnamese name	Scientific name
293	Glass Catfish	<i>Kryptopterus cryptopterus</i>
294	Glass Catfish	<i>Kryptopterus bicirrhhis</i>
295	Ghost Catfish	<i>Phalacronotus apogon</i>
296	Black Catfish	<i>Clarias fuscus</i>
297	African Sharptooth Catfish	<i>Clarias gariepinus</i>
298	Walking Catfish	<i>Clarias batrachus</i>
299	Yellow Catfish	<i>Clarias macrocephalus</i>
300	Rohu	<i>Labeo rohita</i>
301	Red-tailed black shark/Labeo bicolor Bicolor Sharkminnow	<i>Epalzeorhynchus bicolor</i>
302	Mrigal carp	<i>Cirrhinus cirrhosus</i>
303	White Chinese Mud Carp	<i>Cirrhinus molitorella</i>
304	La Plata Basin Prochilodus	<i>Prochilodus lineatus</i>
305	Redtail Labeo	<i>Epalzeorhynchus frenatus</i>
306	Silver Carp	<i>Megalobrama terminalis</i>
307	Giant Pangasius	<i>Pangasius sanitwongsei</i>
308	Lesser Boese man Croaker	<i>Pangasius larnaudii</i>
309	Hybrid Striped Bass	<i>Morone chrysops X Morone saxatilis</i>
310	Waigieu Seaperch	<i>Psammoperca waigiensis</i>
311	Striped Catfish	<i>Pangasius nasutus</i>
312	Small-eyed Opsarius	<i>Opsarius pulchellus</i>
313	Species of the Corydoras genus	<i>Corydoras</i>
314	Species of the Discus genus	<i>Symphysodon</i>
315	Kuhli loach	<i>Pangio kuhlii</i>
316	Eel	<i>Monopterus albus</i>

II. CRUSTACEANS

No	Vietnamese Name	Scientific name
1	Mud crab	<i>Scylla paramamosain</i>
2	Mitten crab	<i>Eriocheir sinensis</i>
3	Ricefield crab	<i>Somanniathelphusa sinensis</i>

4	Anemone crab	<i>Neopetrolisthes maculatus</i>
5	King crab	<i>Ranina ranina</i>
6	Blue crab/Mud crab	<i>Scylla serrata</i>
7	Blue swimming crab	<i>Portunus pelagicus</i>
8	Seasarmid crab	<i>Varuna litterata</i>
9	Cleaner shrimp	<i>Lysmata amboinensis</i>
10	Giant river prawn	<i>Macrobrachium nipponense</i>
11	Giant freshwater prawn	<i>Macrobrachium rosenbergii</i>
12	Anemone shrimp	<i>Ancylocaris brevicarpalis</i>
13	Emperor anemone shrimp	<i>Zenopontonia rex</i>
14	Indian white prawn	<i>Penaeus indicus</i>
15	Japanese kuruma prawn	<i>Penaeus japonicus</i>
16	Harlequin shrimp	<i>Hymenocera picta</i>
17	Ornate spiny lobster	<i>Panulirus ornatus</i>
18	Scalloped spiny lobster	<i>Panulirus homarus</i>
19	Longipes spiny lobster	<i>Panulirus longipes</i>
20	Pronghorn spiny lobster Mantis shrimps	<i>Panulirus stimpsoni</i>
21	Painted spiny lobster	<i>Panulirus penicillatus</i>
22	Brown spiny lobster Mud Lobster	<i>Panulirus polyphagus</i>
23	Green spiny lobster Tiger Prawn	<i>Panulirus versicolor</i>
24	Slipper lobster	<i>Ibacus ciliatus</i>

25	Red slipper lobster	Scyllarides squammosus
26	White slipper lobster	Thenus orientalis
27	Seasonal shrimp/Small shrimp	Penaeus merguensis
28	Nuong shrimp	Penaeus chinensis
29	Jinga shrimp	Metapenaeus ensis
30	Barber pole shrimp	Stenopus hispidus
31	Tiger shrimp	Penaeus monodon
32	Mantis shrimp (Mantis) harpax	Harpisquilla harpax
33	Mantis shrimp (Mantis) interrupta	Oratosquilla interrupta
34	Mantis shrimp (Mantis) nepa	Miyakella nepa
35	Mantis shrimp (Mantis) woodmasoni	Erugosquilla woodmasoni
36	Whiteleg shrimp	Litopenaeus vannamei/Penaeus vannamei
37	Kuruma shrimp	Penaeus semisulcatus

III. MOLLUSK SPECIES

TT	Vietnamese Name	Scientific name
1	Fan shell	Atrina pectinata
2	Oval abalone	Haliotis ovina
3	Nine-hole abalone/Nine openings	Haliotis diversicolor
4	Ear-shaped abalone	Haliotis asinina
5	Species belonging to the razor clam family	Solenidae
6	Scallop	Chlamys nobilis
7	Fan scallop	Mimachlamys crassicostata
8	Belcher's oyster	Crassostrea belcheri
9	River mouth oyster	Crassostrea rivularis
10	Pacific oyster	Crassostrea gigas
11	Cuttlefish	Sepioteuthis lessoniana
12	Tiger striped cuttlefish	Sepia pharaonis
13	Chinese squid	Uroteuthis (Photololigo) chinensis
14	Clam	Austriella corrugata
15	Ben Tre clam	Meretrix lyrata

16	Oil clam	<i>Meretrix meretrix</i>
17	Silk clam	<i>Paratapes undulatus</i>
18	Square clam (Vop)	<i>Macra quadrangularis</i>
19	Clam	<i>Tapes literatus</i>
20	Two-humped clam	<i>Tapes dorsatus</i>
21	Square clam	<i>Periglypta puerpera</i>
22	Rock snail/Colored snail/Labi snail	<i>Monodonta labio</i>
23	Disc snail/Black spawning snail	<i>Nerita balteata</i>
24	Rice snail	<i>Assiminea lutea</i>
25	Aromatic snail	<i>Babylonia areolata</i>
26	Mud creeper snail	<i>Cerithidea obtusa</i>
27	Pila snail	<i>Pila polita</i>
28	Blood cockle	<i>Tegillarca granosa</i>
29	Hairy ark shell	<i>Anadara subcrenata</i>
30	Nodi ark shell	<i>Tegillarca nodifera</i>
31	Geoduck	<i>Lutraria rhynchaena</i>
32	Thin-shelled mussel	<i>Cristaria plicata</i>
33	Green mussel	<i>Sinohyriopsis cumingii</i>
34	Toad mussel (rice mussel)	<i>Lamprotula leaii</i>
35	Black-lipped pearl oyster	<i>Pinctada margaritifera</i>
36	Gold-lipped pearl oyster/Giant clam	<i>Pinctada maxima</i>
37	Penguin wing oyster	<i>Pteria penguin</i>
38	White-lipped pearl oyster/Martens's pearl oyster	<i>Pinctada martensii</i>
39	River mussel	<i>Sinanodonta eiliptica</i>
40	Bear paw clam	<i>Tridacna squamosa</i>
41	Giant clam	<i>Tridacna maxima</i>
42	Yellow giant clam	<i>Tridacna crocea</i>
43	Green mussel	<i>Perna viridis</i>
44	Mangrove clam	<i>Geloina expansa</i>

IV. REPTILES AND AMPHIBIANS

TT	Vietnamese Name	Scientific Name
1	Spiny softshell turtle	<i>Palea steindachneri</i>
2	Southern softshell turtle	<i>Amyda cartilaginea</i>
3	Chinese softshell turtle/Flower softshell turtle	<i>Pelodiscus sinensis/ Trionyx sinensis</i>
4	Rice field frog	<i>Hoplobatrachus tigerinus</i>
5	Thailand frog	<i>Hoplobatrachus rugulosus</i>

V. ECHINODERMS AND ANNELIDS

NO	Vietnamese Name	Scientific Name
1	Rock Sea Urchin/Stone Urchin	<i>Heterocentrotus mammillatus</i>
2	Black Sea Urchin	<i>Diadema setosum</i>
3	Coconut Sea Urchin/Helmet Urchin	<i>Tripneustes gratilla</i>
4	Purple Sea Urchin	<i>Heliocidaris crassispina</i>
5	Sea Urchin	<i>Hemicentrotus pulcherrimus</i>
6	Polychaete Worm	<i>Perinereis nuntia</i>
7	Polychaete Worm	<i>Marphysa mossambica</i>
8	Polychaete Worm/Sea Earthworm	<i>Perinereis nuntia var. brevicirris</i>
9	Sea Cucumber	<i>Apostichopus japonicus</i>
10	Sand Sea Cucumber	<i>Holothuria scabra</i>
11	Soft Black Sea Cucumber	<i>Holothuria leucospilota</i>
12	Black Sea Cucumber	<i>Holothuria atra</i>
13	Pineapple Sea Cucumber	<i>Thelenota ananas</i>
14	Prickly Redfish Sea Cucumber	<i>Actinopyga mauritiana</i>
15	Brown Prickly Sea Cucumber	<i>Actinopyga echinites</i>
16	Teat Sea Cucumber	<i>Holothuria nobilis</i>
17	Sea Worm	<i>Tylorrhynchus heterochaetus</i>
18	Peanut Worm/Sipunculid Worm	<i>Sipunculus nudus</i>

VI. ALGAE SPECIES

NO	Vietnamese Name	Scientific Name
1	Cottonii Seaweed	<i>Kappaphycus striatum</i>
2	Thin Gracilaria	<i>Gracilariopsis bailinae</i>
3	Eucheuma Seaweed	<i>Hydropuntia eucheumatoides</i>
4	Gracilaria Seaweed	<i>Gracilaria tenuistipitata</i>
5	Firma Gracilaria	<i>Gracilaria firma</i>
6	Gelatinosum Seaweed	<i>Betaphycus gelatinus</i>
7	Thick Leaf Sargassum	<i>Sargassum crassifolium</i>
8	Mucclurei Sargassum	<i>Sargassum mcclurei</i>
9	Polycystum Sargassum	<i>Sargassum polycystum</i>
10	Sargassum	<i>Sargassum oligocystum</i>
11	Duplicatum Sargassum	<i>Sargassum duplicatum</i>
12	Leafy Sargassum	<i>Sargassum mcclurei</i> f. <i>duplicatum</i>
13	Quy Nhon Sargassum	<i>Sargassum quinhonense</i>
14	Swartz's Gracilaria	<i>Sargassum swartzii</i>
15	Sea grapes	<i>Caulerpa lentillifera</i>
16	Sea moss (Red algae)	<i>Kappaphycus alvarezii</i>
17	Spiny sea moss	<i>Eucheuma denticulatum</i>

VII. MICROALGAE SPECIES

NO	Scientific name
1	<i>Coscinodiscus excentricus</i>
2	<i>Coscinodiscus rothii</i>
3	<i>Cyclotella comta</i>
4	<i>Cyclotella stylorum</i>
5	<i>Cyclotella striata</i>
6	<i>Chaetoceros calcitrans</i>
7	<i>Chaetoceros gracilis</i>
8	<i>Chaetoceros muelleri</i>
9	<i>Chlorella vulgaris</i>
10	<i>Chroomonas salina</i>
11	<i>Diacronema lutheri</i>
12	<i>Dunaliella salina</i>

13	<i>Dunaliella tertiolecta</i>
14	<i>Haematococcus pluvialis</i>
15	<i>Isochrysis galbana</i>
16	<i>Melosira granulata</i>
17	<i>Nannochloropsis oculata</i>
18	<i>Navicula cancellata</i>
19	<i>Navicula cari</i> f. <i>cari</i>
20	<i>Nitzschia longissima</i>
21	<i>Phaeodactylum tricornutum</i>
22	<i>Rhodomonas salina</i>
23	<i>Schizochytrium limacinum</i>
24	<i>Schizochytrium mangrovei</i>
25	<i>Skeletonema costatum</i>
26	<i>Spirulina platensis</i>
27	<i>Tetraselmis convolutae</i>
28	<i>Tetraselmis chuii</i>
29	<i>Thalassionema frauenfeldii</i>
30	<i>Thalassionema nitzschioides</i>
31	<i>Thalassiosira pseudonana</i>
32	<i>Thalassiosira weissflogii</i>
33	<i>Thalassiothrix frauenfeldii</i>
34	<i>Thraustochytrium aureum</i>
35	<i>Thraustochytrium striatum</i>
36	Các loài thuộc chi <i>Labyrinthula</i>

VIII. ZOOPLANKTON SPECIE

NO	Scientific name
1	<i>Acartia (Acanthacartia) tonsa</i>
2	<i>Artemia franciscana</i>
3	<i>Artemia monica</i>
4	<i>Artemia persimilis</i>
5	<i>Artemia salina</i>
6	<i>Artemia sinica</i>
7	<i>Artemia tibetiana</i>
8	<i>Artemia urmiana</i>
9	<i>Brachionus angularis</i>

10	<i>Brachionus calyciflorus</i>
11	<i>Brachionus plicatilis</i>
12	<i>Brachionus rotundiformis</i>
13	<i>Calanopia thompsoni</i>
14	<i>Daphnia magna</i>
15	<i>Daphnia pulex</i>
16	<i>Labidocera pavo</i>
17	<i>Moina dubia</i>
18	<i>Moina macrocopa</i>
19	<i>Moina micrura</i>
20	<i>Proales similis</i>

IX. CORAL SPECIES

No.	Vietnamese name	Scientific name
1	Soft coral species	<i>Alcyonium</i> sp.
2	Soft coral species	<i>Nephthea</i> sp.
3	Soft coral species	<i>Pachyclavularia</i> sp.
4	Soft coral species	<i>Sarcophyton</i> sp.
5	Mushroom anemone species	<i>Discosoma</i> sp.
6	Mushroom anemone species	<i>Rhodatis</i> sp.
7	Button polyp species	<i>Zoanthus</i> sp.

X. OTHER CASES (SPECIES ALLOWED TO BE TRADED IN VIETNAM) NAM)

1. Aquatic breeds that are crossbred, selected from species named in the list of aquatic products allowed to be traded in Vietnam mentioned above have been recognized through testing, scientific and technological research or authorized by a competent authority.
2. Aquatic breeds produced from species not yet named in this list have been recognized through testing, scientific and technological research or authorized by a competent authority.
5. Aquatic species belonging to the Appendix of the Convention on International Trade in Endangered. Species of Wild Fauna and Flora; endangered, precious, and rare aquatic species of legal origin according to regulations.

Appendix VII

LIST OF AQUATIC SPECIES PROHIBITED FROM EXPORT

(Attached to Circular No.../2025/TT-BNNMT dated...month...year... of the Minister of
Ministry of Agriculture and Environment)

TT	Vietnamese name	Scientific name
1	Sea cow/Dugong	Dugong dugon
2	Reeves' shad	Tenulosa reevesii
3	Ochelobius elongatus	Ochelobius elongatus
4	Ompok catfish/Ompok bimaculatus	Ompok bimaculatus
5	Original carp	Procypris merus
6	Tam Dao newt	Paramesotriton deloustali
7	White-flag dolphin	Lipotes vexillifer
8	Fire fish	Bangana tonkinensis
9	Black-scaled lip grunt	Plectorhinchus gibbosus
10	Low-bodied carp	Cyprinus multitaeniatus
11	False minnow	Luciocyprinus langsoni
12	Hue carp/Hunchback carp/Ngão carp	Chanodichthys flavipinnis
13	Northern seahorse	Tor brevifilis
14	Finless porpoise (Finless porpoise)	Neophocaena phocaenoides
15	Pạo fish/Mị fish	Semilabeo graffeuilli
16	Ompok miostoma	Ompok miostoma
17	Worm-patterned grouper	Epinephelus undulatostratus
18	Giant catfish	Pangasianodon gigas
19	Cyprinus dai	Cyprinus dai
20	Hawksbill turtle	Eretmochelys imbricata
21	Olive ridley turtle	Lepidochelys olivacea
22	Giant softshell turtle	Pelochelys cantorii
23	Sin-hoe softshell turtle (Shanghai softshell turtle)	Rafetus swinhoei
24	Nautilus	Nautilus pompilius

25	Top shell	<i>Trochus niloticus</i>
26	Argus cowry	<i>Cypraea argus</i>
27	Triton's trumpet	<i>Charonia tritonis</i>
28	Green turban snail	<i>Turbo marmoratus</i>
29	Copper Management	<i>Caretta caretta</i>
30	Sea Turtle (Loggerhead)	<i>Chelonia mydas</i>
31	Leather back turtle	<i>Dermochelys coriacea</i>
32	Big-headed Turtle	<i>Platysternon megacephalum</i>
33	Three-striped Box Turtle (Golden Turtle)	<i>Cuora trifasciata</i>
34	Northern Vietnamese Box Turtle	<i>Cuora galbinifrons</i>
35	Central Vietnamese Pond turtle	<i>Mauremys annamensis</i>
36	Thick Wart Mussel	<i>Gibbosula crassa</i>
37	Species of the Order Scleractinia	<i>Stolonifera</i>
38	Species of the Order Scleractinia	<i>Scleractinia</i>
39	Species of the Order Black Coral	<i>Antipatharia</i>
40	Species of the Order Blue Coral	<i>Helioporacea</i>
41	Species of the Sawfish Family	<i>Pristidae</i>
42	Species of the Dolphin Family	<i>Delphinidae</i>
43	Species of the Whale Genus	<i>Balaenoptera</i>

Appendix VIII

LIST OF AQUATIC SPECIES EXPORTED WITH CONDITIONS

(Attached to Circular No..../2025/TT-BNNMT dated...month...year... of the Minister of Ministry of Agriculture and Environment)

NO	Vietnamese name	Scientific name	Condition
1	Anh Vu Fish	<i>Semilabeo notabilis</i>	Originates from farming
2	Basa fish	<i>Pangasius bocourti</i>	No longer alive
3	Rainbow runner/Cu fish/Bè fish/ Black banded amberjack	<i>Seriolina nigrofasciata</i>	Originates from farming
4	Spiny eel/Láú spiny	<i>Mastacembelus favus</i>	

NO	Vietnamese name	Scientific name	Condition
	eel l��u		Originates from farming
5	Tire track eel	<i>Mastacembelus armatus</i>	Originates from farming
6	Khong fish/Ch��i fish	<i>Leptobarbus hoevenii</i>	Originates from farming
7	Glass fish	<i>Proteracanthus sarissophorus</i>	Originates from farming
8	Bagarius	<i>Bagarius rutilus</i>	Originates from farming
9	Giant mottled eel	<i>Anguilla marmorata</i>	Originates from farming
10	Black eel	<i>Anguilla bicolor</i>	Originates from farming
11	Japanese eel	<i>Anguilla japonica</i>	Originates from farming
12	Pointed eel	<i>Anguilla borneensis</i>	Originates from farming
13	Giant barb	<i>Catlocarpio siamensis</i>	Originates from farming
14	Spotted l��ng	<i>Hemibagrus guttatus</i>	Originates from farming
15	Exophthalmus carp	<i>Cyprinus exophthalmos</i>	Originates from farming
16	High-bodied carp	<i>Cyprinus hyperdorsalis</i>	Originates from farming
17	Graffeuilli labeo	<i>Sinilabeo graffeuilli</i>	Originates from farming
18	Kellogg's seahorse	<i>Hippocampus kelloggi</i>	Originates from farming
19	Zebra seahorse	<i>Hippocampus comes</i>	Originates from farming
20	Lemasson's barb	<i>Bangana lemassoni</i>	Originates from farming
21	Tra fish	<i>Pangasianodon hypophthalmus</i>	No longer alive
22	Jullien's golden carp	<i>Probarbus jullieni</i>	Originates from farming
23	Red-eyed snakehead	<i>Channa marulius</i>	Originates from farming
24	Walking catfish	<i>Clarias batrachus</i>	Originates from farming
25	Iride scent Shark	<i>Pangasius sanitwongsei</i>	No longer living
34	Mud Crab/Flower Crab	<i>Scylla paramamosain</i>	Originally from farming
35	Sea Grapes	<i>Kappaphycus striatus</i>	Originally from farming
36	Sargassum sp Mucclurei	<i>Sargassum mccharei</i>	Originally from farming
37	Thick Leaf Sargassum	<i>Sargassum crassifolium</i>	Originally from farming
38	Sargassum polycystum	<i>Sargassum polycystum</i>	Originally from farming
39	Sargassum	<i>Sargassum oligocystum</i>	Originally from farming
40	Double Edge Sargassum	<i>Sargassum duplicatum</i>	Originally from farming

NO	Vietnamese name	Scientific name	Condition
41	Bladder Leaf Sargassum	<i>Sargassum mcclurei f. duplicatum</i>	Originally from farming
42	Quy Nhon Sargassum	<i>Sargassum quinhonense</i>	Originally from farming
43	Swartzii Sargassum	<i>Sargassum swartzii</i>	Originally from farming
44	Sea Moss (Red Algae)	<i>Kappaphycus alvarezii</i>	Originally from farming
45	Spiny Sea Moss	<i>Eucheuma denticulatum</i>	Originally from farming
46	Ornate Spiny Lobster	<i>Panulirus ornatus</i>	230 mm or more*
47	Scalloped Spiny Lobster	<i>Panulirus homarus</i>	175 mm or more*
48	Long ipes Spiny Lobster	<i>Panulirus longipes</i>	160 mm or more*
49	Hairy Spiny Lobster/ Pebble/Mould Spiny Lobster	<i>Panulirus stimpsoni</i>	160 mm or more*
50	Ghost Spiny Lobster	<i>Panulirus penicillatus</i>	200 mm or more*
51	Grey Spiny Lobster/ Bamboo/Mud Spiny Lobster	<i>Panulirus poliphagus</i>	200 mm or more*
52	Blue Spiny Lobster/ Lotus/Striped Spiny Lobster	<i>Panulirus versicolor</i>	167 mm or more*
53	Red Spanish Lobster	<i>Scyllarides squammosus</i>	100 mm or more*
54	Smooth Spanish Lobster	<i>Thenus orientalis</i>	150 mm or more*
55	Yellow Lip Pearl Oyster/ Giant Clam	<i>Pinctada maxima</i>	Originally from farming
56	Great Giant Clam	<i>Tridacna maxima</i>	Originally from farming
57	Yellow Giant Clam	<i>Tridacna crocea</i>	Originally from farming
58	Species of Grouper Genus (Genus Cá Song)	<i>Epinephelus</i>	Originally from farming
59	Species of Soft Coral	<i>Alcyonium sp.</i>	Originally from farming
60	Species of Soft Coral	<i>Nephthea sp.</i>	Originally from farming
61	Vietnamese Name	<i>Pachyclavularia sp.</i>	Originally from farming
62	Soft coral species	<i>Sarcophyton sp.</i>	Originally from farming
63	Mushroom coral species	<i>Discosoma sp.</i>	Originally from farming

NO	Vietnamese name	Scientific name	Condition
	soft		
64	Mushroom coral species soft	<i>Rhodatis sp.</i>	Originally from farming
65	Button coral species	<i>Zoanthus sp.</i>	Originally from farming

Note: * is the total body length (Total length) calculated from the tip of the snout to end of the caudal fin (Telson).

Appendix IX

LIST OF FORMS

SPECIFIED IN CHAPTER V OF THE CIRCULAR

(Attached to Circular No.../TT-BNNMT dated...month...year... of the Minister of
Agriculture and Environment)

No.	Form name	Symbol
1.	Application for a license to import aquatic breeds	Form No. 01
2.	License to import aquatic breeds	Form No. 02
3.	Application for a license to export aquatic breeds	Form No. 03
4.	License to export aquatic breeds	Form No. 04
5.	Application for registration of import of aquatic feed, environmental treatment products for aquaculture for display at fairs, exhibitions/for research	Form No. 05
6.	License to import aquatic feed, environmental treatment products for aquaculture	Form No. 06

FACILITY
NAME

SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness

No:.....

....., date.....month..... year...

APPLICATION FORM
FOR A LICENSE TO IMPORT AQUATIC SEED

To: (Name of licensing agency)

...

Facility name:

Head office address:

Phone number:Fax number:Email:

Request to be allowed to import the following aquatic breeds:

1. Vietnamese name, English name, scientific name:.....
2. Quantity:.....
3. Size:
4. Packaging specifications
5. Name, address of exporting facility:.....
- 6.Import time:
7. Import location:
8. Purpose of import:.....

We commit to complying with all relevant laws. We request (Name of licensing agency) to grant a license.

REPRESENTATIVE OF THE FACILITY

(Signature of the authorized person,
seal/digital signature of the agency, organization)

(*) Specify for scientific research or display at fairs, exhibitions

SUPERIOR
AUTHORITY

LICENSING
AUTHORITY

SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness

No:...../GP-...

..., day..... month year

LICENSE FOR IMPORT OF AQUATIC SEEDS

Pursuant to the Law on Organization of Local Governments No. 65/2025/QH15 dated 19/02/2025;

Pursuant to the Government's Decree No. on decentralization and assignment of powers...; Considering the import registration application No. dated month..... year.....of (establishment)and import registration documents;

According to the proposal of...

(Name of licensing agency) agrees to license the import of.....

Name of establishment:.....

Head office address:.....

Phone number:.....Fax number:Email:.....

Permitted to import aquatic breeds:.....

1. Vietnamese name, English name, scientific name:.....

2. Quantity:.....

3. Size:

4. Packaging specifications:.....

5. Name, address of exporting establishment:.....

6. Import time:

7. Import location:.....

8. Purpose of import:.....

This license is valid until the end of:The establishment must comply with current legal regulations.

Recipient:

HEAD OF LICENSING AGENCY

- Registration establishment;
- Department of Fisheries and
Fisheries Control; - Save: VT,
....

(Signature of competent person, seal/digital
signature of agency, organization)

(*) Specify for scientific research or display at fairs, exhibitions

FACILITY NAME

SOCIALIST REPUBLIC OF VIETNAM

Independence - Freedom - Happiness

....., date month year ...

APPLICATION FOR A LICENSE TO EXPORT AQUATIC SEED

To: Ministry of Agriculture and Rural Development
(Directorate of Fisheries and Fisheries Control)

Facility name

Address.....

Phone number: Fax number:

We request permission to export the following aquatic seeds:

1. Trade name:

2. Scientific name:

3. Quantity: Weight

4. Packaging specifications.....

5. Name and address of importing facility:.....

6. Export time:.....

7. Export location:

8. Purpose of export:.....

We commit to comply with all relevant legal regulations.

We request the Ministry of Agriculture and Rural Development to consider and grant a license.

REPRESENTATIVE OF THE FACILITY

(Signature, full name, and seal)

MINISTRY OF AGRICULTURE
AND ENVIRONMENT

SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness

No:...../GP-BNNMT-TSKN

Hanoi, day month year ...

LICENSE FOR EXPORT OF AQUATIC SPECIES/BREEDS

Pursuant to Decree No. .../.../ND-CP dated of the Government on functions, tasks of the Ministry of Agriculture and Environment;

Pursuant to Decree No. .../20.../ND-CP dated ... month... year 20... of the Government detailing a number of articles and measures for implementing the Law on Fisheries;

Considering the export registration application No. dated month.....

year.....of (facility).....and export registration documents.

Pursuant to the *thẩm định* results

The Ministry of Agriculture and Environment agrees to license the export of aquatic species/breeds:

Facility name

Address.....

Phone number:Fax number:

Allowed to export aquatic species/breeds:

1. Trade name:.....

2. Scientific name:

3. Quantity:.....Volume.....

4. Packaging specifications:.....

5. Name, address of importing facility:.....

6. Export time:.....

7. Export location:.....

8. Export purpose:

This license is valid until:.....

The facility must comply with current legal regulations.

Recipient:

- Registered facility;

-;

- State management agency for fisheries at the provincial level;

- Save: VT, TSKN.

Hanoi, day.....month .year ...

MINISTER

(Full name, signature and seal)

INDIVIDUAL NAME/ORGANIZATION NAME

SOCIALIST REPUBLIC OF VIETNAM

Independence - Freedom - Happiness

No:.....

..., date ... month ... year

APPLICATION FOR IMPORT REGISTRATION

Aquatic feed, environmental treatment products for aquaculture for display
at fairs, exhibitions/for research*

To: (Name of licensing agency)

Facility name:...

Address:.....

Phone number:.....Fax number:Email.....

1. Request to import aquatic feed, environmental treatment products for aquaculture for the following
purposes: introduce at fairs, exhibitions (or research)(*):

No.	Product name	Volume Weight	Nature, function	Form, color	Specification packaging	Manufacturer, country of origin
1						
2						
3						
...						

2. Import time:

3. Import border gate:.....

4. Time and place of display at the fair, exhibition (or research) (*):.....

5. Sample handling plan after the fair, exhibition (or research) (**):.....

.....
We commit to fully comply with the provisions of current laws related
to aquatic feed and environmental treatment products for aquaculture.

FACILITY OWNER/HEAD
(Signature of competent person,
seal/digital signature of agency,
organization)

(*): Specify one registration purpose (display at a fair, exhibition or research); (**):
Do not use products after fairs, exhibitions or research for aquaculture.

SUPERIOR AGENCY
LICENSING AGENCY
No:/GPNK-

Form No. 06

SOCIALIST REPUBLIC OF VIETNAM

Independence - Freedom - Happiness

....., date ... month ... year

IMPORT LICENSE

Aquatic feed, aquaculture environment treatment products

HEAD OF LICENSING AGENCY

Pursuant to the Law on Organization of Local Governments No. 65/2025/QH15 dated 19/02/2025;

Pursuant to Decree No./2025/ND-CP dated ... month ... year 2025 of the Government on decentralization, assignment of powers

Considering the application of(importing nit); According to the proposal of...

DECISION:

(Name of licensing agency).... agrees to allow (name of facility, address of the facility)... to import....(quantily) products for(*), specifically:

No.	Product Name product	Weight/ volume	Nature, use	Form, color	Specification packaging	Brand, country manufacturer
1						
2						
3						

1. Import time:

2. Import border gate:

3. This permit is valid until the end of:

Report upon completion of the fair, exhibition of research (within 30 days after the end of the fair, exhibition or research): Quantity imported exported; product handling results at the end of the fair, exhibition/number of products used used in research and product handling at the end of the research.

Recipient:

-Name of facility registering for import;

-Name of Customs agency where registration is made; - Ministry of Agriculture and Environment (for reporting); - Department of Fisheries and Fisheries Control (for reporting); - File: VT,(... copies).

Note: (*) Specify for scientific research or display at fairs, exhibitions

HEAD OF LICENSING AGENCY

(Signature of the competent person, seal/digital signature of the agency, organization)

APPENDIX X**REPORT FORM ON PRODUCTION AND IMPORT OF AQUATIC FEED
PRODUCTS, ENVIRONMENTAL TREATMENT PRODUCTS FOR AQUACULTURE**

(Attached to Circular No.../TT-BNNMT dated...month...year... of the Minister of
Agriculture and Environment)

(Name of organization,
individual):.....

SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness

No:

....., date month year

**REPORT ON PRODUCTION AND IMPORT OF AQUATIC FEED, PRODUCTS
ENVIRONMENTAL TREATMENT PRODUCTS FOR AQUACULTURE**

- In the first 6 months of 20:¹
- Year 20...:²

To: - Department of Fisheries and Fisheries Control;
 - (Name of the provincial-level fisheries management agency).

Our unit sends to your agency a report on the production and import of aquatic feed,
environmental treatment products for aquaculture of the unit during the period:

- Facility name:
- Head office address:
- Phone: Fax:
- Email:
- Production location:
- Certificate of eligibility number:.....
- Designed capacity (tons/year)³ :
- Import plan (tons/year)⁴:

1. Production, import, consumption and usage output: Details in the attached appendix.
2. Difficulties, advantages and recommendations (if any).

.... date ... month ... year 20...

REPRESENTATIVE OF THE REPORTING FACILITY
(sign and seal)

-
1. Report for the period from December 20 of the previous year to June 20 of the following year.
 2. Report for the period from December 20 of the previous year to December 20 of the following year.
 3. Applicable to domestic manufacturing establishments.
 4. Applicable to import establishments.

Appendix

PRODUCTION, IMPORT, CONSUMPTION AND USAGE OUTPUT

(Issued with the Report on the situation of production, import of aquatic feed, processing products aquatic environment of organizations/individuals)

No.	Product name	Code receipt announcement	Object Object use	Production and import volume (tons)		Sales volume to the market or internal use internal (tons)	
				Production	Import	Sales to the market/Export export	Internal use
	FINISHED PRODUCTS						
1.	Mixed feed						
1.1	Product 1:						
...	-						
2.	Biological preparations (micro organisms, enzymes, ...)						
2.1	Product 1:						
...	-						
3.	Premix (premix vitamin, amino acids, minerals, ...)						
3.1	Product 1:						
...	-						

4.	Environmental treatment chemicals environment (disinfection, sterilization bacteria, other chemicals, ..)						
4.1	Product 1:						
...	-						
5.	Other products						
5.1	Product 1:						
...	-						
	INGREDIENTS						
1.	Animal-based ingredients (fish meal, by- product meal seafood, bone meal, etc.)						
1.1	Product 1:						
...	-						
2	Plant-based ingredients (Corn, Wheat, Soybeans, etc.)						
2.1	Product 1:						
...	-						
3.	Ingredients: Premix vitamins, amino acids, minerals,....						
3.1	Product 1:						
...	-						
4	Ingredients: preparations biological, enzymes, micro organisms,...						
4.1	Product 1:						

...	-						
5.	Disinfectants, sterilizers, water treatment.						
5.1	Product 1:						
...	-						
6.	Other ingredients: Additives, preservatives						
6.1	Product 1:						
...	-						

APPENDIX XI**REPORT FORM ON PRODUCTION AND NURTURING OF AQUATIC SPECIES**

(Attached to Circular No.../2025/TT-BNNMT dated...month...year... of the Minister of
Ministry of Agriculture and Environment)

(Name of organization,
individual):.....

SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness

No:.....

....., date month year

REPORT ON PRODUCTION AND NURTURING OF AQUATIC SPECIES

- In the first 6 months of 20:□ 5

- Year 20...:□ 6

To: - Department of Fisheries and Fisheries Control
- (Name of the provincial-level fisheries management
agency).

Our unit sends to your agency a report on the production and nurturing of aquatic
breeds of the unit during the period:

- Facility name:
- Head office address:
- Phone: Fax:
- Email:
- Production location:
- Certificate of eligibility number:
- Designed capacity (million units/year):
- Production plan (million units/year):
- 1. Output of aquatic breeds: Details in the attached appendix.
- 2. Difficulties, advantages and recommendations (if any).

.... day ... month ... year 20...

REPRESENTATIVE OF THE REPORTING FACILITY
(signature, seal)

5. Report in the period from December 20 of the previous year to June 20 of
the following year.

6. Report in the period from December 20 of the previous year to December
20 of the following year.

Appendix

AQUATIC BREED PRODUCTION

(Issued attached to the Report on the situation of production, nursing of aquatic breeds, of the organization/individual)

person)

No.	Production object, nursing	Output (million units)		Note
		In the reporting period report	Plan in the next reporting period next report	
1				
2				
3				
...				
Total				