

Ecoshrimp Principles

Ecoshrimp is carried out to provide benefits for farmers and consumers.

Ecoshrimp is aimed at improving the level of social, economic and environmental sustainability for farmers and local communities.

Ecoshrimp is aimed at prioritizing food safety and playing a role in sustainable shrimp farming for consumers.

With this commitment we shall be strive to make it happen by having good relationship and mutually beneficial.

Ecoshrimp Definition

Ecoshrimp is traditionally cultivated with a cultivation system without additional artificial feed and does not use synthetic chemical drugs which must be confirmed before purchase.

Black Tiger shrimp farming standards which accepted by PT. Alter Trade Indonesia (ATINA)

Based on the basic principles of Ecoshrimp and the definition of Ecoshrimp, ATINA would buys shrimp after confirming the Ecoshrimp cultivation standards process as follows:

	STAGES	STANDARD	FORBIDDEN	PENALTY
1	Cultivation Preparation			
	1.1. Drying	Drying is carried out at least 1 time a year, the drying time adjusts the temperature of the pond soil.	-	Non-observance of standards: <ul style="list-style-type: none"> ▪ Letters of recommendation. ▪ Minor Category Sanctions ▪ Remain a member²⁾ ▪ Training is carried out.
	1.2. Soil Treatment	The use of supporting materials during soil treatment is adjusted based on the needs, the type, dosage and time shall be recorded. Types of supporting materials allowed: <ul style="list-style-type: none"> ▪ Compost ▪ Bokashi ▪ Homemade/factory-made organic fertilizer ▪ Calcium Carbonate (CaCO3) ▪ Captured Ca (OH)2 ▪ Dolomite CaMg(CO3)2 ▪ Zeolite ▪ Probiotics that already have a distribution permit ▪ Molasses ▪ Or other materials which made from the above items 	<ul style="list-style-type: none"> ▪ Compost made from chicken manure and human feces. ▪ Types of synthetic chemical fertilizers. ▪ Types of Pesticides and Herbicides. 	Prohibited use of materials: <ul style="list-style-type: none"> ▪ Major Category Sanctions ▪ Removed from ATINA farm Member list. ▪ Applicable for parallel production²⁾ To become a member: <ul style="list-style-type: none"> ▪ Have been through 3 consecutive cycles¹⁾ not using prohibited materials. ▪ Make a statement letter ▪ Conducted preliminary inspection.

	STAGES	STANDARD	FORBIDDEN	PENALTY
	1.3. Extermination of Shrimp Predator	<p>Extermination of predatory pests when necessary using harmless materials for the environment, such as:</p> <ul style="list-style-type: none"> ▪ Saponins (derived from tea seeds) ▪ Tobacco ▪ Tuba <p>Use other than the above materials must be licensed</p>	<p>Supporting materials other than those listed in the recommendation column, including:</p> <ul style="list-style-type: none"> ▪ Akodan®, Tiodan®, Bristan® and other types of pesticides. ▪ Decis®, Pegasus®, and other types of insecticides ▪ Cyanide ▪ Other synthetic chemicals compound 	<p>Prohibited use of materials:</p> <ul style="list-style-type: none"> ▪ Critical Category Sanctions ▪ Removed from ATINA farm Member list. ▪ Applicable parallel production²⁾ <p>To become a member again:</p> <ul style="list-style-type: none"> ▪ Have been through 3 consecutive cycles¹⁾ not using prohibited supports. ▪ Make a statement letter ▪ Conducted preliminary inspection.
2	Seed stocking	<p>Polyculture cultivation of shrimp and fish. The density of seed stocking adjusts to the land ability of each pond with recommended density:</p> <ul style="list-style-type: none"> ▪ Black Tiger PL: 3-5 Pcs/m² ▪ Black Tiger Juvenile: 2-3 Pcs/ m² ▪ Milkfish: 1 Pcs/ 2 m² 	It is forbidden to use seeds from direct nature.	<p>The use of seeds from nature:</p> <ul style="list-style-type: none"> ▪ Major Category Sanctions ▪ Not permitted for shrimp delivery to ATINA for 1 cycle¹⁾
		For ponds whose status is Eco shrimp / ASIC, the origin of the seeds is known	-	<p>Unknown origin of seeds:</p> <ul style="list-style-type: none"> ▪ Minor Category Sanctions ▪ Conducted coaching.
		For ponds whose status is WFM, the origin of the seeds must be from ATINA listed hatchery with WFM status	-	<p>The origin of the seeds is not from the seeding of WFM status:</p> <ul style="list-style-type: none"> ▪ Major Category Sanctions ▪ Not permitted for shrimp delivery to ATINA for 1 cycle¹⁾
3	Cultivation Period			
	3.1. Supporting used materials during cultivation	<p>Using natural ingredients aims to improve water quality, accelerate the growth of plankton, algae and enrich natural feed in ponds. Grass that grows around the pond area, mangrove leaves, water grass, and natural materials that have been well fermented.</p>	<p>It is forbidden to use supporting materials with the brand: Lodan®, Raja Bandeng®, Ursal Cair®, Linex®</p>	<p>Prohibited uses of supporting materials:</p> <ul style="list-style-type: none"> ▪ Major Category Sanctions ▪ Removed from ATINA farm Member list. ▪ Applicable parallel production²⁾

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		<p>Recommended supporting materials are as follows: Calcium Carbonate (CaCO₃), Lime Ca(OH)₂, Dolomite CaMg(CO₃)₂, Zeolite, Molasses, or other materials which containing the above ingredients. Probiotics with obvious organism names, for example: Rica[®], EM4[®], Petrofish[®]. Boster[®], Petrogrow[®], Bio Elbe[®] If there is a use of supporting materials other than those that have been determined, they must notify in advance of the use and permission of the Inspector Manager of ATINA</p>	<p>It is forbidden to use genetically modified probiotics and does not have a distribution permit.</p>	<ul style="list-style-type: none"> ▪ Make a statement letter ▪ Conducted preliminary inspection. <p>To become a member:</p> <ul style="list-style-type: none"> ▪ Have been through 3 consecutive cycles¹⁾ not using prohibited materials.
	3.2. Feed Sources	<ul style="list-style-type: none"> ▪ There is no additional artificial feed. ▪ Natural feed grown on the farm. 	<p>It is forbidden to use artificial feed.</p>	<p>Prohibited uses of supporting materials:</p> <ul style="list-style-type: none"> ▪ Major Category Sanctions ▪ Removed from ATINA farm Member list. ▪ Applicable parallel production²⁾ <p>To become a member again:</p> <ul style="list-style-type: none"> ▪ It has been through 2 consecutive cycles¹⁾ not using prohibited materials. ▪ Make a statement letter ▪ Conducted preliminary inspection.
	3.3. Oxygen Supply	<ul style="list-style-type: none"> ▪ Oxygen supply is naturally from the polyculture cultivation of shrimp and fish. ▪ At the required time it is allowed to use the equipment but it is not used continuously. 	<p>It is forbidden to use a pinwheel or other equipment to increase oxygen levels continuously.</p>	<p>Non-observance of standards:</p> <ul style="list-style-type: none"> ▪ Minor Category Sanctions ▪ Conducted coaching. ▪ Remain a member.
	3.4. Shrimp Health Management			
	3.4.1. Prevention Disease	<ul style="list-style-type: none"> ▪ Drying at least 1 time a year. ▪ Polyculture cultivation. ▪ Pest eradication before stocking seeds if necessary ▪ The use of supporting materials for the treatment and prevention of diseases from natural materials. 	<p>Using antibiotics and other synthetic chemicals.</p>	<p>Prohibited use of supporting materials:</p> <ul style="list-style-type: none"> ▪ Major category sanctions ▪ Removed from ATINA farm Member list. ▪ Applicable parallel production²⁾

	STAGES	STANDARD	FORBIDDEN	PENALTY
		<ul style="list-style-type: none"> Map the pond is recommended to have a deeper trench (caren), which is about 80 cm high and a shallow plateau (court) with water at least 50 cm high 		To become a member again: <ul style="list-style-type: none"> Have gone through 3 consecutive cycles¹⁾ not using prohibited supports. Make a statement letter Conducted preliminary inspection.
	3.4.2. Monitoring Disease	Monitoring the growth and health of shrimp is carried out daily <ul style="list-style-type: none"> Monitoring is carried out in the morning and evening. Record shrimp growth and health The farmer should check and record, at least once in 1 month, as well as on the canal at least once a month in 1 stream. Parameter tested: The quality of the water in the farm. Minimum shall be check: Temperature, Dissolved oxygen (DO), Salinity, and water pH. 	-	Non-compliance with standards: <ul style="list-style-type: none"> Minor Category Sanctions Conducted coaching. Remain a member.
	3.4.3. Response of Disease	<ul style="list-style-type: none"> If found mass deaths of shrimp which indicated from viruses or diseases shrimp must be taken and buried, in order to avoid contamination to the surrounding environment. Handling water which contaminated with viruses and diseases must be precipitated before being discharged into the river. If the shrimp die not caused by to viruses and diseases, this shrimp are not suitable for human consumption, they must be buried without the need for water handling. 	<ul style="list-style-type: none"> It is forbidden to release water directly into the river if mass deaths are found caused by pathogens/viruses. It is forbidden to throw dead shrimps into rivers or open areas. 	Non-compliance with standards: <ul style="list-style-type: none"> Minor Category Sanctions Conducted coaching. Remain a member.
	3.4.4. Response against Biosecurity & Shrimp Release	<ul style="list-style-type: none"> Each water gate is installed with a safety net/filter Make sure the handler does not leak and collapses easily If there are shrimps/fish that are petted loosely into the waters, then report to the ICS³ officer¹⁾ /Fisheries Dept. Officer and record it in the book. 	Entering and release water without water filter.	Non-compliance with standards: <ul style="list-style-type: none"> Minor Category Sanctions Conducted coaching. Remain a member.
4	Harvest			
	4.1. Harvesting Process	<ul style="list-style-type: none"> Way of harvesting shall not burden the shrimp nor the environment. 	It is forbidden to harvest with stun/electricity and chemicals.	Violations found: <ul style="list-style-type: none"> Major Category Sanctions Shrimp are not bought.

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	<ul style="list-style-type: none"> Recommendations for harvesting with Bagan (traps from nets), Prayang (fishing gear from bamboo), Ragah (catch by hand), Nets and other traditional fishing gear that does not harm to the food and environment. 		<ul style="list-style-type: none"> Conducted coaching. Remain a member.
4.2. Post-Harvest	<ul style="list-style-type: none"> After shrimp harvesting, put into cool box with ice as soon as possible which provided by ATINA. The temperature in the box until delivery to the factory should not more than 4°C 	<ul style="list-style-type: none"> Not an overnight shrimp Not contaminated with harmful chemicals and bacteria. 	Non-compliance with prohibited standards and violations: <ul style="list-style-type: none"> Major Category Sanctions
	<ul style="list-style-type: none"> The location, equipment and handling are not contaminated with hazardous materials and are far from potential contamination of farm animals and harmful bacteria. Only shrimp that come from member farms and meet the requirements are acceptable. If you have more than 1 pond units, the shipment must be separated, it must not be mixed at the time of delivery to ATINA. 	<ul style="list-style-type: none"> Prohibited chemicals: Sodium Bisulfite, Sodium Tripolyphosphate (STP), Sodium Metabisulfite, and Malachite Green, Crystal Violet, and Tributyltin compounds (TBT) 	<ul style="list-style-type: none"> Conducted coaching. Shrimp are not bought. Remain a member.
5	Environment		
5.1. Pond Location	<ul style="list-style-type: none"> The location of the pond is in the sea water tides areas. Provide pond land legality: Certificate / tax payment evidence/ or permit recognized by the government Pond Land Provisions: WFM: Creation/establishment of pond maximum of year 1980. ASIC/Ecoshrimp: Creation/establishment of pond maximum in 1999, for the one afterward it must have a permit from the government. 	Ponds from the results of mangrove forest conversion and protected forest areas.	Prohibited violations found: <ul style="list-style-type: none"> Critical Category Sanctions Expelled from members. When making / establishing a pond: <ul style="list-style-type: none"> After the year 1999 a member is issued/has a valid license. After 1980-1999: ASIC & Ecoshrimp. Before 1980: WFM.
5.2. Management Environmental impact	<ul style="list-style-type: none"> Farmers play an active role in environmental management. Maintaining or planting mangrove trees around the area of cultivation activities, if there is a reduction, it is mandatory to replace it elsewhere. Does not discharge water on the site of the agricultural area. 	-	<ul style="list-style-type: none"> Major Category Sanctions Remain a member. Suspension of members until there is an improvement of violations.
5.3. Water use	Water filling for cultivation came from sea water tidal.	It is not allowed to use well water below 5 ppt for cultivation activities.	<ul style="list-style-type: none"> Major Category Sanctions Conducted coaching No more use of well water for cultivation purposes

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	5.4. Water discharge	<ul style="list-style-type: none"> The average daily water exchange per farm does not exceed 10% of the pond water volume, calculated during the entire production cycle. To prevent waste pollution, pond wastewater should not be discharged into freshwater or agricultural areas. 	-	<ul style="list-style-type: none"> Minor Category Sanctions Done coaching.
6	Social	Shrimp farming must be carried out in a socially responsible manner, which does not harm the livelihoods of shrimp farmers and communities	-	-
	6.1. Labor	<ul style="list-style-type: none"> No worker under the minimum age in accordance with National and ILO regulations, young workers (15-18 years old) may work in the farm, with a note: not to perform heavy work that endangers for workers, including with hazardous substances and chemicals. Child labor (under 15 years old): must not work in the pond. There is no violence, harassment of workers either verbally or physically. Workers have freedom of join in an association. Equality and non-discrimination. Every worker is entitled to receive K3 (Occupational Health and Safety) training. 	<ul style="list-style-type: none"> It is forbidden to employ under age workers. There was no forced labor, human trafficking or slavery practices. 	<ul style="list-style-type: none"> Minor Category Sanctions Conducted coaching.
	6.2. Wages	<ul style="list-style-type: none"> All workers are official and decent wages. Wage system with: <i>*(unnecessary strikethrough)</i> Monthly/ daily : Rp..... Yield percentage: shrimp.....% nett/gross; fish.....% nett/gross Others: The system of temporary or certain time loans agreed between the employer and workers is described in a separate document. Workers get Health Insurance. There is no salary reduction when resigning or during employment. 	It is forbidden for not pay wages.	<ul style="list-style-type: none"> Major Category Sanctions Conducted coaching. Suspension of members until there is an improvement of violations.
	6.3. Community	Appreciating the community around the pond, local community access is not disturbed.	There should be no conflict in the surrounding community	<ul style="list-style-type: none"> Minor Category Sanctions Conducted coaching



AGREEMENT ON BLACK TIGER SHRIMP FARMING STANDARDS PT. ALTER TRADE INDONESIA

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	6.4. Freedom Organize	Every farm worker is given the freedom to make grouping and association, and gets the opportunity to express opinions.	The ban on to association, gets intimidation when grouping.	<ul style="list-style-type: none"> ▪ <i>Minor Category Sanctions</i> ▪ Conducted coaching.
	6.5. Training	Every worker receives training either from the employer or other parties, the types of training are as follows: <ul style="list-style-type: none"> ▪ Cultivation SOPs. ▪ Occupational health and safety. ▪ Disaster/emergency. ▪ Employment relationship. 	-	<ul style="list-style-type: none"> ▪ <i>Minor Category Sanctions</i> ▪ Conducted coaching.
7	Documents of cultivation activities	Documentation of cultivation activities is recorded. Shrimp farming must demonstrate social responsibility for its benefits for the local community. <ul style="list-style-type: none"> ▪ At least has one of the document as follows: CBIB Certificate/Pond land legality document (Copy of Certificate, land tax payment document/SPPT, or Business License). ▪ Every purchase of fry, the supporting materials of the purchasing note are recorded neatly. ▪ Every sale of fishery products is recorded and kept. ▪ Documents are recorded for at least 3 years. 	-	<ul style="list-style-type: none"> ▪ <i>Minor Category Sanctions</i> ▪ Conducted coaching.

Thus the letter of agreement on the standard of ecoshrimp cultivation has been understood, if there is a violation in this agreement which not noticed ATINA, farmers should voluntarily submit and accept the provisions in this standard and each farm will be inspected at least once a year.

Farm name		Farm code		Farmer's assistant	
Owner/Manager		Village		Farm manager	

FARMERS / OWNERS	WIFE/FAMILY WOMAN <small>*(cross it out if there is none)</small>	FARMS MANAGER	PT. ALTER TRADE INDONESIA
Name:	Name:	Name:	Name : Harry Yuli Susanto
Date:	Date:	Date:	Date:

Note:

- 1). The cultivation cycle is the alternation of the cultivation period determined based on the drying and stocking of seeds.*
- 2). Production parallel is the management / management of cultivation in which more than one unit is managed by the same person / manager.*
- 3). ICS (Internal Control System) is a department tasked with supervising and fostering standards commonly called ATINA Field Officers.*