

United States
Department of
Agriculture



Federal Crop Insurance Corporation

FCIC-24100U (08-202<mark>5</mark>)

CULTIVATED CLAM CROP INSURANCE STANDARDS HANDBOOK

2026 and Succeeding Crop Years

UNITED STATES DEPARTMENT OF AGRICULTURE FARM PRODUCTION AND CONSERVATION RISK MANAGEMENT AGENCY

TITLE: Cultivated Clam Crop Insurance Standards	NUMBER: FCIC-24100U
Handbook	OPI: Product Administration and Standards Division
EFFECTIVE DATE: 20 <mark>26</mark> and Succeeding Crop	ISSUE DATE: August 26, 2025
Years	
SUBJECT:	APPROVED:
Provides the procedures and instructions for administering the Cultivated Clam Crop Insurance	/s/ John W. Underwood for
Program.	Deputy Administrator for Product Management

REASON FOR ISSUANCE

This handbook provides procedures and instructions for administering the Cultivated Clam Crop Insurance Program for the 2026 and succeeding crop years. This handbook replaces FCIC-24100U dated August 10, 2018. This handbook is not retroactive to any 2025 or prior crop year determinations.

SUMMARY OF CHANGES

Listed below are the significant changes to the 2026 FCIC-24100U Cultivated Clam Crop Insurance Standards Handbook. All changes and additions are highlighted. Minor changes and corrections are not included in this listing. *** used throughout the handbook indicate where major deletions occurred.

REFERENCE	DESCRIPTION OF CHANGE	
Para. 1	Renamed as "General Information," updated RMA contact information, and added	
	subparagraphs for "Title VI of the Civil Rights Act of 1964" and "Related Handbooks."	
Para. 2	Renamed as "Responsibilities" with accompanying language for AIPs, agents, and insureds and	
	removed previously titled "General Rules" language about CIH applicability that was replaced	
	by the "Related Handbooks" subparagraph in Para. 1.	
Para. 3	Removed duplicative information and redesignated Para. 3 as reserved.	
Para. 4	Moved "Background Information on the Insurable Crop" from previous Para. 4 to Para. 11 and	
	redesignated Para. 4 as reserved.	
Part 2	Added "Background Information on the Insurable Crop" as new Para. 11 and renumbered	
	subsequent Part 2 Paragraphs.	
<u>Para. 11</u>	Moved crop category and plan code information from previous Para. 31.	
<u>Para. 12</u>	Added New Jersey to list of available states.	
<u>Para. 14</u>	Updated terminology regarding additional coverage policies.	
<u>Para. 22</u>	Added New Jersey to conditions of acceptance.	
Para. 23	Removed duplicative definitions that appear in Exhibit 2.	
<u>Para. 26</u>	Renamed as "Clam Inventory Value Report."	
<u>Para. 28</u>	Removed premium calculation and redesignated Para. 28 as "Exclusions from Cultivated Clam	
	CP."	
<u>Para. 29</u>	Removed replanting payment procedures and redesignated Para. 29 as reserved.	

SUMMARY OF CHANGES (Continued)

REFERENCE	DESCRIPTION OF CHANGE	
<u>Para. 30</u>	Moved "Exclusions from Cultivated Clam CP" from previous Para. 30 to Para. 28 and	
	redesignated Para. 30 as reserved.	
<u>Para. 31</u>	Removed indemnity example and redesignated Para. 31 as reserved.	
Part 3	Removed Part 3, as related handbook information was replaced by "Related Handbooks"	
	subparagraph in Para. 1, crop category and plan code information was moved to Para. 11, and	
	information that prevented planting coverage is not available is included in Para. 28.	
Exhibit 1	Updated acronym and abbreviation table.	
Exhibit 2	Updated inventory value report definition to note it is also known as the Clam Inventory Value	
	Report.	
Exhibit 3	Updated list of shellfish pathologists.	
Exhibit 4	Renamed as "Cultivated Clam Pre-Acceptance Inspection Report Standards" and updated	
	formatting.	
Exhibit 5	Updated Clam Inventory Value Report instructions formatting and calculation terms.	



CULTIVATED CLAM CROP INSURANCE STANDARDS HANDBOOK

TABLE OF CONTENTS

PART 1: G	ENERAL INFORMATION AND RESPONSIBILITIES	1
1	General Information	1
2	Responsibilities	
3-1	•	
PART 2: IN	NSURABILITY	4
11	Background Information on the Insurable Crop	4
12	Availability	6
13	Important Dates	6
14	Coverage Levels	7
15	Applying Survival Factors	8
16	Basis of Coverage	8
17	Acceptable Records	9
18	Insured Crop	9
19	Insured Causes of Loss	10
20	Causes of Loss Excluded	11
21	Cause of Loss Limitations	12
22	Conditions of Acceptance	12
23	Establishing the Unit Value	20
24	Unit Division	20
25	Penalties for Misreporting	21
26	Clam Inventory Value Report	22
27	Deductibles	23
28	Exclusions to Cultivated Clam CP	24
29-	40 (Reserved)	24
EXHIBITS .		25
Exh	nibit 1 Acronyms and Abbreviations	25
Exh	nibit 2 Definitions	
Exh	nibit 3 References	30
Exh	nibit 4 Cultivated Clam Pre-Acceptance Inspection Report Standards	
Fxh	hibit 5 Instructions for Completion of Clam Inventory Value Report	39

PART 1: GENERAL INFORMATION AND RESPONSIBILITIES

1 General Information ***

A. Purpose and Objective

The purpose of this handbook is to provide clarification and supplementary instructions for establishing cultivated clam crop insurance coverage in accordance with the Cultivated Clam CP (2019-0116) and the Cultivated Clam LASH (FCIC-25800) and supplements the BP, CIH, GSH, LAM, and any other procedural issuance via exceptions, changes, and additions. If there is a conflict between this handbook and the CIH, GSH, LAM, or other issuance, this handbook controls.

This handbook remains in effect until superseded by reissuance. A bulletin or FAD can supersede selected portions of the handbook.

B. Procedural Questions

If an error is found, notify RMA *** electronically at rma.kc.cih@usda.gov. Outline the error and indicate the proposed correction. Errors may be corrected for the current crop year. Proposed changes should be submitted in writing through the proper organizational channels to the *** Underwriting Standards Branch for consideration.

C. Forms and Standards

In the course of delivering cultivated clam crop insurance, AIPs may develop forms based on their internal needs. The forms must be developed according to RMA's approved standards contained in this handbook or as specified in the DSSH, and provide all required information. Standards and examples contained in this handbook do not contain required statements. Refer to the DSSH to determine the applicable statements to be included on each form. The Collection of Information and Data (Privacy Act) Statement and the Non-Discrimination Statement must be included on any form the producer signs or provided to the producer on a separate form, for each form that is signed by the producer. A copy must be maintained by the AIP. The Certification Statement must be included on any form that the insured signs that collects information from the producer.

D. Title VI of the Civil Rights Act of 1964

The USDA prohibits discrimination against its customers. Title VI of the Civil Rights Act of 1964 provides that "No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." Therefore, programs and activities that receive Federal financial assistance must operate in a non-discriminatory manner. Also, a recipient of RMA funding may not retaliate against any person because they opposed an unlawful practice or policy, or made charges, testified, or participated in a complaint under Title VI.

E. Title VI of the Civil Rights Act of 1964 (Continued)

It is the AIP's responsibility to ensure that standards, procedures, methods, and instructions, as authorized by FCIC in the sale and service of crop insurance contracts, are implemented in a manner compliant with Title VI. Information regarding Title VI of the Civil Rights Act of 1964 and the program discrimination complaint process is available on the USDA public website at www.usda.gov/oascr. For more information on the RMA Non-Discrimination Statement, see the DSSH.

F. Related Handbooks

The following table provides handbooks closely related to this handbook. However, other FCIC approved handbooks may refer to this handbook and be applicable.

Handbook	Relation/Purpose	
CIH	This handbook provides the official FCIC-approved underwriting standards for	
	policies administered by AIPs for the General Administrative Regulations,	
	ommon Crop Insurance Policy Basic Provisions, and Area Risk Protection	
	Regulations.	
DSSH	This handbook provides the official FCIC-approved form standards for use in	
	the sale and service of any eligible Federal crop insurance policy; required	
	statements and disclosures; and the standards for submission and review of	
	non-reinsured supplemental policies in accordance with the SRA.	
GSH	This handbook provides the official FCIC-approved standards for policies	
	administered by AIPs under the General Administrative Regulations, Common	
	Crop Insurance Policy Regulations Basic Provisions, including the Catastrophic	
	Risk Protection Endorsement; the Area Risk Protection Insurance Regulations	
	Basic Provisions; the Stacked Income Protection Plan of Insurance; the Rainfall	
	Index Plan; and the Whole-Farm Revenue Protection Pilot Policy.	
LAM	This handbook provides the official FCIC-approved general loss adjustment	
	standards for all levels of insurance provided under FCIC unless a publication	
	specifies that none or only specified parts of this handbook apply.	
Cultivated	This handbook provides loss adjustment procedures for cultivated clams.	
Clam LASH		

- (1) Terms, abbreviations, and definitions general (not crop-specific) are identified in the CIH, GSH, and LAM.
- (2) Terms, abbreviations, and definitions specific to the Cultivated Clam crop insurance program are listed in Exh. 1 and 2, and specific procedures in this handbook.

2 Responsibilities

AIPs must use standards, procedures, methods, and instructions as authorized by FCIC in the sale and service of crop insurance policies. Each AIP is responsible for using FCIC-approved procedures. Procedures herein must be administered on a policy basis.

3-10 (Reserved)

PART 2: INSURABILITY

11 Background Information on the Insurable Crop

The hard-shell clam, *Mercenaria mercenaria*, belongs to the class Bivalvia, easily identifiable by two, somewhat rounded, hinged shells that make up the two halves, or valves, a protruding burrowing foot, and the purple or dark blue border found on the inside of the shell. A chestnut brown zigzag line on the outside of the shell distinguishes it. Some cultivators prefer this variant because of its faster growth rate and natural identifiability. All bivalve mollusks are filter feeders, extracting their food from the surrounding water. The clam spends most of its life (which can last for up to 20 years) buried into the sediments of the subtidal and lower intertidal zone, with its two siphons reaching just above the surface to feed and discharge wastes. It feeds by filtering phytoplankton from water that it pulls in over its gills with one siphon and then pumps it back out through the other.

In much of the U.S., hard-shell clams are called quahogs. Still, other names are based on a quahog's commercial size. Until the clams reach a legally marketable size, they are referred to as seed. As the clams become marketable, they are referred to as the littleneck, (48 mm valve length or 1.5 inches), the cherrystone, (60 mm valve length or 2 inches), and the chowder, (greater than 75 mm, 3 inches or more). The production of a legally marketable size quahog can take from 15 months in the warm Southern waters, to 4 years in the cooler Northern waters. A quahog's age can be determined by counting the growth rings on its shell. Quahogs grow more slowly as they age and as a result the growth rings are closer together and difficult to count accurately.

Quahogs prefer ocean water with salinity between 18 and 26 parts per thousand. This is less salty than the open ocean where the salinity is about 35 parts per thousand.

Shellfish aquaculture techniques are designed to reduce losses by protecting shellfish at early, vulnerable stages from predation and other adverse natural phenomena as long as economically feasible. Cultivated quahogs are commonly cultured using a variety of cultural techniques including bottom planting, mesh bags, or trays.

A. Shellfish Culture

(1) In or On Bottom: If the substratum or ocean bottom will support or is of a consistency that allows clams to burrow, then shellfish seed can be stocked directly on the bottom. Clam seed are routinely planted at eighty per square foot, depending on the site. Proper and frequent maintenance is essential for commercial success of a bottom culture system. Light plastic or nylon netting is commonly installed over the clams after they are planted to control predation by crabs, drills (a type of snail), or rays. Nets used to control predators are monitored and cleaned on a regular basis to eliminate entrapped predators, repair holes, and remove fouling organisms.

A. Shellfish Culture (Continued)

- (2) Near Bottom Culture: Cages and boxes of plastic mesh are used to culture clams just off the bottom. These enclosures may be purchased from commercial suppliers or built by the culturist. Shellfish seed is put in the mesh bags or plastic boxes and sometimes placed on a rack. As the seed grows, it is transferred to enclosures with increasingly larger mesh. A larger mesh provides better water flow, which delivers more food and oxygen, while removing waste. Most prefabricated units are about five square feet, but units over 30 square feet have been used. Units can be used in the nursery phase; however, clams must be transferred to the bottom after they reach 20 mm in size for growout to market size.
- (3) **Surface Systems:** At some locations, small mesh containers have been used to float shellfish seed near the warmer, surface waters. Phytoplankton, microscopic plants that float in the water and are eaten by shellfish are more abundant in shallow waters and water flow is usually greater. Surface culture is normally used in the nursery phase of shellfish culture and is occasionally used for final growout.

B. Typical Clam Culture

- (1) **Production of Seed:** Very small clams (3 5 mm) are obtained from hatcheries (or other sources, including natural collection) where clams are cultured from initial spawning through the larval metamorphosis to the juvenile stage. Once juveniles reach the size of 5 mm, they can be marketed as "seed," although the preference is for seed greater than 8 mm, which better resist predation.
- (2) **Field Planting:** The seed are "planted" in net-covered boxes measuring approximately 4 feet × 8 feet × 6 inches, that are filled with "clean" sand (sand that does not contain predator species; i.e., green crabs), and are slightly elevated above the intertidal flats on legs. These boxes, known as "nursery boxes" or "cages," may contain up to 10,000 seed clams. Smaller, more manageable boxes sized 4' × 4' are being used more commonly.
- (3) **Growout:** The seed is allowed to remain in the nursery trays until a size of 10 15 mm. However, all clams between 19 and 176 mm are considered field plant size by the industry. At this point, they are transferred to narrow, net-covered plots ("pens") for grow out. When the clams reach 51 63 mm (2 2.5 inches), they are harvested.

C. Crop Category and Plan Code

Cultivated Clams are a Category D, Aquaculture Dollar Plan Crop (Plan Code 43).

12 Availability

- (1) The Cultivated Clam Crop Insurance Program is available to all persons operating a cultivated clam farming operation in the designated areas that produce and market cultivated clams in accordance with the CCIP, Cultivated Clam CP, and SP.
- (2) The areas include clam producers in various counties in Massachusetts, New Jersey, South Carolina, and Virginia as provided in the AD.
- (3) All applicants must be eligible for crop insurance benefits and not be listed on the Ineligible Tracking System. Any producer who is ineligible because of debt may subsequently become eligible by paying the debt. A producer may then apply for crop insurance for the remainder of the crop year if the application is submitted more than 30 days before the end of the crop year. Refer to Section 2(f) of the BP for provisions regarding insurance eligibility.

13 Important Dates

A. Contract Change Date

August 31, preceding the crop year, or as otherwise provided in the AD.

B. Cancellation, Termination, and Sales Closing Date

November 30, or as otherwise provided in the AD.

- C. Clam Inventory Reporting Date and Insurance Attachment Date:
 - (1) New applicants On December 1, when the application and the CIVR are submitted by October 30;
 - On the 31st day following the date of submission for new applications, when the application and the CIVR are submitted between November 1 and November 30;
 - (2) Carryover Insureds On December 1 for policies continued from the prior year if the CIVR is submitted by October 30; or
 - (a) On the 31st day following the date of submission of the CIVR for policies continued from the prior year when the CIVR is submitted between November 1 and November 30. No application or CIVRs, except revisions, will be accepted after November 30.
 - (b) If the insured acquires a financial interest in any insurable clams after coverage begins, but after December 1 of the crop year, and our inspection determines that the clams are acceptable, insurance will be considered to have attached to such clams 30 days after a revised inventory report is accepted by RMA indicating the stage value of the acquired clams;

D. Premium Billing Date

August 15, or as otherwise provided in the AD. Includes:

- (1) Premium based on:
 - (a) The CIVR may be prorated the first year.
 - (b) A revised CIVR will be prorated from the starting month to end of crop year.
 - (c) In accordance with section 7(c) of the Cultivated Clam CP, if premium is prorated, premium will be charged for the entire month for any calendar month during which any amount of coverage is provided under the Cultivated Clam CP. The rate used to calculate premium will be the rate effective on the last date of the month.
- (2) Administrative fees If CAT policy, the administrative fee is due when the CIVR and application are submitted, not later than November 30 proceeding the crop year.

E. End of Insurance Dates

Insurance coverage ends at the earliest of:

- (1) The date of final adjustment of a loss when the total indemnities due equal the amount of insurance; or
- (2) November 30; or
- (3) A date specified in the SP.

14 Coverage Levels

To be effective for the current crop year, changes to coverage level elections are limited as follows:

A. For New Policies:

Changes may not be made after the date of the application.

B. For Carryover Policies:

Coverage level changes and/or changes in unit by share must be made prior to the sales closing date for the applicable crop year. Changes may not be made after November 30, or the date specified in the SP.

C. For *** additional coverage policies:

The price percentage is limited to 100 percent of the price election, and only one coverage level election may be selected for each basic unit.

D. For CAT policies:

The price percentage is 55 percent of the price election, and the coverage level is 50 percent. If the insured selects catastrophic risk protection for one practice, all types under the practice are insured at the catastrophic risk protection level.

15 Applying Survival Factors

A. Intent of Survival Factor

The intent for the survival factor is to recognize the normal expected survival of seed clams as they grow to a marketable size. Historical survival factor data indicate the final number for clams harvested from a known quantity of seed planted. Therefore we required that the survival factor be applied to seed (>10 mm) placed in various production systems. The result is the number of clams that are expected to grow to harvest size.

B. Applying Survival Factors

The survival factor is applied to the initial reported annual inventory and when inventory revisions are accepted, and remains a constant throughout the crop year. The factor is applied only once and does not enter into any loss adjustment calculations. The adjusted inventory carries through each stage until harvest. Clams that are seeded subsequent to the annual CIVR must be adjusted by the survival factor before they are added to the beginning inventory.

16 Basis of Coverage

Insurance is offered to any applicant growing the insurable crop and meeting the requirements for acceptance under the terms of the CCIP, Cultivated Clam CP, and SP. The AIP must verify the inventory value to determine insurability, coverage and rates.

A. Clam Inventory Value Report

The AIP will verify the insured's CIVR along with the application for the initial and each subsequent crop year, not later than November 30 preceding the crop year, or a date specified in the SP. The CIVR:

- (1) Is used to establish premium and amount of insurance.
- (2) Must be submitted annually and include, for each basic or optional unit all growing locations, the stages of the clams and the stage values, and the insured's share by growing location. The inventory value must also reflect the stages as shown in the SP.

 The AIP may require the insured *** to provide documentation in support of any of the insured's reports, including, but not limited to, a detailed listing of growing locations, unit values, the numbers and the sizes of clams seeded or placed for grow-out; the insured's share, sales of clams and purchases of seed clams for the three previous crop years, and of the insured's ability to properly obtain and maintain clams.

A. Clam Inventory Value Report (Continued)

(3) When used for catastrophic level policies only, the insured must report clam sales for the previous crop year on the CIVR. The insured may be required to provide documentation to support such sales.

B. Revised Clam Inventory Value Report

- (1) A revised CIVR may be used to *** increase the reported inventory value.
- (2) If allowed in the SP, the insured may revise the CIVR to increase the reported inventory value. The AIP may inspect the inventory. The revised CIVR, if allowed by the SP, will be considered accepted and coverage will begin on any proposed increase in inventory value at the later of December 1 or 30 days after the insured's written request is received by RMA unless RMA rejects the proposed increase in the insured's inventory value in writing.
- (3) The AIP will reject any requested increase if a loss occurs before the later of December 1 or within 30 days of the date the request is made.

17 Acceptable Records

If farm management records are used to support production reports, they must be substantiated by records from a marketing outlet, processor, packer, first handler, etc. The unit of measure is the individual clam. For all marketable size clams, certified records may include a dated printout or receipt from each first handler of the crop for that crop year. A printout or receipt from a packing shed facility that complies with Hazard Analysis Critical Control Point (HACCAP) standards, processor, auction, marketing cooperative, jobber, commission merchant, sales broker, or a warehouse receipt which shows total production and date of transaction is acceptable. Cartons, crates, bushels or pounds must be converted to an individual clam count.

18 Insured Crop

A. Provisions for Insured Crop

In lieu of the provisions of section 8 and section 9 of the BP, the insured crop is all the clams in the county that:

- (1) Meet all the requirements for insurability and for which prices are provided in the AD;
- (2) Are acceptable to the AIP;
- (3) *** Are grown by a person who in at least three of the five previous crop years:
 - (a) Grew clams for commercial sale; and

A. Provisions for Insured Crop (Continued)

- (b) Participated in the management of a clam farming operation by at least exercising decision-making authority over all operational aspects of the farm;
- (4) Are grown in a county for which a premium rate is provided in the AD;
- (5) Are in a growing location acceptable to the AIP; and
- (6) Use a practice that fixes the insurable clams to the land within the growing location.

Refer to the SP for specific limitations associated with clam age restrictions.

B. Production Systems

The type of production system used (i.e., netting, bags, trays or pens) will depend on the method used to fix the insurable clams to the ground.

- (1) Netting: Netting with a weighted line attached to the sides is placed over the top of seed that is broadcast on prepared substrate. The net is staked to the bottom with metal stakes fabricated from rebar. A weighted line is fastened to the net approximately six inches from the outer edges to provide a protective skirt that will be buried vertically in the sand when the stakes are in place. Sandbags can also be used to secure the netting in place.
- (2) Bags: Bags are constructed in a number of configurations, usually four feet square and constructed of vinyl-coated wire or high-density polyethylene mesh in various mesh diameters, depending on the size of the clam, are connected to support framing by nylon ties or monofilament to support the bags to allow water to flow from all sides but inhibit predator access.
- (3) Trays: Trays consist of material that protect clams from predation and incorporate a sediment substrate. Trays can be made to any size and from a variety of material. Trays are allowed to settle into the sediment as adequate amounts of sediments are deposited in the trays.
- (4) Pens: Pens are box-like structures, which allow water to flow from all sides but inhibit predator's access. Pens are constructed with support frames made of rebar and mesh, usually vinyl-coated wire or high-density polyethylene. The pen is placed where it is accessible during low tide and is able to accumulate natural substrate in order to stay in place.

19 Insured Causes of Loss

In accordance with the provisions of section 12 of the BP, insurance is provided for the death of clams caused only by the following causes of loss that occur within the insurance period unless otherwise limited by the SP:

19 Insured Causes of Loss (Continued)

- (1) Oxygen depletion due to vegetation, microbial activity, harmful algae bloom, or high-water temperature unless otherwise limited by the SP;
- (2) Disease;
- (3) Freeze;
- (4) Hurricane;
- (5) Decrease in salinity associated with a weather event verified by National Oceanic & Atmospheric Administration (NOAA) or United States Geologic Survey (USGS) or as otherwise defined in the SP;
- (6) Tidal wave;
- (7) Storm surge that is associated with a local weather event and verified by NOAA or USGS; or
- (8) Ice floe.

20 Causes of Loss Excluded

In addition to the causes of loss excluded in section 12 of the BP, loss caused by any of the following are not insured:

- (1) The insured's inability to market clams as a direct result of quarantine; shellfish harvest ban, boycott, or refusal of a buyer to accept production;
- (2) Collapse or failure of buildings or structures;
- (3) Loss of market value;
- (4) Vandalism;
- (5) Theft;
- (6) Pollution;
- (7) Predation (unless allowed by the Special Provisions);
- (8) Dredging;
- (9) Any cause of loss that occurred prior to or after the insurance period;
- (10) Any unexplained shortages or disappearance of inventory; or
- (11) Failure of the clam to grow to a marketable size.

- (1) Disease damage is covered, unless otherwise specified on the SP, if medication does not exist for control of the disease. Loss from diseases that are not controllable will be covered but limited only to the dead clams that result from the disease. Veterinarians, Shellfish Pathologists, and Extension Agents may be used as experts in verifying the cause of loss.
- (2) If the insured is claiming disease as the cause of loss, the insured must prove at their own expense that the death of the clams was due to disease by isolating a sample of the clams and identifying the disease following histological or pathological examination conducted by a veterinarian who is a certified fish pathologist or a person approved by RMA.
- (3) Relocation of clams to uninfected areas will not be covered by insurance.

22 Conditions of Acceptance

(1) Requirement for Insurability

Global Positioning System (GPS) coordinates are required to identify all growing locations insured by leases, parcels, permits, or license numbered growing sites. GPS coordinates are also required to identify areas subleased to other individuals or entities. The insured is required to provide these coordinates with sufficient detail to accurately identify each of the corners of the leases, parcels, permits, or license numbered growing sites and areas subleased to other individuals or entities. The insured must provide this information to the AIP in digital format as latitude and longitude. Latitude values will contain a leading zero and will be considered as North, and longitude values will be considered as West. Each coordinate will be provided in the format: DDDMMddd where:

DDD = degrees (right justified and left zero filled where appropriate)

MM = minutes (right justified and left zero filled where appropriate)

ddd = decimal minutes, rounded where necessary to 3 positions.

For example, Latitude: 03740109, Longitude: 12223825

- (2) A PAIR (see Ex. 4 for PAIR standards) must be completed by the AIP prior to the acceptance of any application for insurance of a cultivated clam crop, and at certain other times [as noted *** in (3) of this section]. The inspection is conducted by the AIP to determine the acceptability of the cultivated clam operation as an insurance risk.
 - (a) The AIP *** will review the PAIR and determine whether to bind coverage.
 - (b) In case of a negative PAIR, the AIP shall respond by choosing from the options under (5) of this section.
 - (c) The PAIR is an active record and must be maintained until a new inspection is completed or the policy is no longer valid. There must be an inspection report in the insured's file while the policy remains in effect.

- (d) The three-year record retention does not apply to the PAIR while the policy remains in effect. ***
- (3) An inspection, using the PAIR, of the cultivated clam operation must occur in the following circumstances: (Check SP for additional required inspections.)
 - (a) The first year for all insureds (CAT or Additional Coverage) when a policy is transferred from another AIP to determine if:
 - (i) The inventory amounts reported are appropriate for CAT policies and the limits are not exceeded as provided under section 6(f) of the Cultivated Clam CP or SP;
 - (ii) The reported values are reasonable and supported by acceptable supporting documentation;
 - (iii) The risk is acceptable;
 - (iv) Insurability requirements are met (refer to section 8 of the Cultivated Clam CP for additional information); and
 - (v) *** There is existing damage.
 - (b) When a new growing location is added to the operation, an inspection of the new growing location must be conducted by the AIP to determine the acceptability of the new growing location.
 - (c) For CAT insurance coverage only: To determine that the CIVR for all clams does not exceed the lesser of the value from section 6(b) of the Cultivated Clam CP *** or the percentage identified on the SP for the percent of the insured's previous year's sales of clams; and if the above restrictions cause the insured to under report the value of their inventory, the insured must present records acceptable to the AIP to prove their actual inventory value in order to receive a waiver of these restrictions.
 - (d) When there is an increase in value shown on the CIVR of 50 percent or more of the previous crop year's final reported values as measured on a policy basis, not by practice.
 - (e) At the AIP's discretion.
 - (f) When an PAIR is not in the insured's file, a new PAIR must be completed to:
 - (i) Determine that the insured crop is grown in a county for which a premium rate is provided in the AD.
 - (ii) Determine if the insured crop is in a growing location acceptable to the AIP.
 - (iii) Determine that the insured uses a practice that fixes the insurable clams to the land within the growing location.
 - (iv) Verify the practice carried out by the insured.

- (v) Determine that the number of clams reportedly seeded have actually been seeded.
- (vi) Determine that the survival factors were applied correctly according to the SP.
- (vii) Determine that the insured crop meets all the requirements for insurability and for which prices are provided in the AD.
- (4) The inspection must be completed timely enough to provide the AIP the opportunity to reject the application, determine the value of all inventory, or cancel the policy, if necessary, before the date coverage begins *** as specified in section 9 of the Cultivated Clam CP.
- (5) A negative PAIR requires one or more of the following actions.
 - (a) Notify the applicant or insured in writing that if the deficiency is not corrected and a loss occurs, there are potential grounds for denying any claim based on the Cultivated Clam CP.
 - (b) Notify the applicant or insured that coverage is denied (reject or cancel the policy) on the basis of the negative PAIR and requirements of the Cultivated Clam CP.
 - (c) Review the insured's cultivated clam production and sales records.
 - (d) Re-inspect the cultivated clams to determine if the causes for denying a claim or coverage have been corrected.
- (6) The required inspection elements and recommended AIP actions in case of a negative report are:

	INSPECTION ELEMENT	ACTION (NEGATIVE REPORT)	
(a)	Eligibility	Deny coverage	
(b)	Reasonableness of production and sales	Review cultivated clam reported records	
	records.	and values. If still negative, deny coverage.	
(c)	Records in support of a negative request	Review producer's records. If still	
	to waive CAT Inventory Value limits.	inadequate deny request. Provide	
		coverage at stated policy limits.	
(d)	Failure to provide documentation or	Deny coverage on the basic unit.	
	providing inadequate documentation.		

(7) Selecting Samples for the Inspections

Sample selection for cultivated clam crop inspections will be conducted as follows:

(a) South Carolina – Due to the frequency of seeding dates and favorable environmental conditions for relatively rapid growth, group seeding dates by calendar quarter and sample clams by calendar quarter.

- (i) For example, ask the insured for December through February seeding and sample from this subgroup. The March through May seeding would form another subgroup, etc.
- (ii) Map the seeding. The quarterly seeding may or may not be in one area of the lease.
- (iii) Sample one percent of the total number of bags in the lease area. Sample proportionally from each of the seeding quarters. If any clams have been seeded during a quarter, sample at least one bag per seeding quarter.
- (b) South Carolina Bag Culture Sample one percent of the bags for each seeding quarter. For bottom culture practices (includes round pens), use the sampling procedure for Bottom Culture, except instructions to sample by type, as outlined in (c) below. Note: Round sample computation to next whole number, for example 1.25 to 2.

EXAMPLE:

No. of Bags (Practice) 023	Seeding Quarter	One Percent of Quarter/Practice	No. of Samples/ Quarter/ Practice 023
20	Q1	1% of 20 = 0.20	1
125	Q2	1% of 125 = 1.25	2
0	Q3	0	0
350	Q4	1% of 350 = 3.50	4
Total Number of			
Bags 495			

(c) Massachusetts, New Jersey, and Virginia Bottom Culture, sample by type. Sample a minimum of one sample per 100 sq. ft. in the bed. If the producer has nine beds or less, sample a minimum of five beds. If a producer has 10 or more beds, sample a minimum of five beds and one additional bed for every additional five beds, (i.e., 10 beds: sample 5 + 1 = 6).

From the schematic provided by the insured, randomly select insurable clams from seeded beds of stage 2 and stage 3 clams to measure. Select the number of seeded plots to sample, by type, based on the proportion of a particular type's area to total area.

EXAMPLE:

An *** insured has ten 14×100 beds of stage 2 clams and thirty 14×100 beds of stage 3 clams. Stage 2 clams constitute 14,000 square feet of area $(10 \times 14 \times 100)$ and stage 3 clams constitute 42,000 square feet of area $(30 \times 14 \times 100)$. Stage 2 clams comprise 25 percent of the total area (14,000 divided by 56,000) and stage 3 clams comprise 75 percent of the total area.

The *** insured has a total of 40 beds of stage 2 and 3 clams. Of the 10 beds of stage 2 clams, randomly sample the minimum five beds plus one additional bed from the remaining five beds for a total of six. Of the 30 beds of stage 3 insurable clams, randomly sample the minimum five beds plus one additional bed for each five beds in the remaining 25 beds for a total of 10. In this example, 16 of the producer's insurable clam beds would be sampled.

(8) Procedures for Conducting the Inspections

These instructions provide information on the method for conducting the inspections for bottom culture and bagged culture practices. Establish the standing stock of live clams according to the practice. Use of the clam appraisal worksheet in sections 8 and 9 of the loss adjustment standards handbook (FCIC-25800) is recommended.

Note: For these inspections, removal of the clams from the substrate to a boat or dockside in order to facilitate the inspections will not be considered removal from the growing area or unit per the Cultivated Clam CP or SP.

- (a) Bottom Culture
 - (i) Determine the distribution of stage 2 and stage 3 clams in the plots at the field site.
 - (A) Have the insured provide the GPS coordinates for each site and a schematic diagram of the site, including the length and width of each growing area and the date the clams were seeded; or
 - (B) Interview the insured on-site, and identify the growing areas with stage 2 and stage 3 clams. Generate a diagram from this interview.
 - (ii) Determine the overall area in square feet that has been seeded to each stage group.
 - (A) Based on the schematic diagram provided by the insured or that was generated from the interview; calculate the surface area of growing areas that have been seeded with each of the insurable stage groups or types of clams.
 - If the growing areas are all similar, count the number of growing areas that have been seeded, and measure the surface area of one growing area. Calculate the total surface area seeded; or
 - If each growing area is different, measure the surface area that has been seeded in each, and calculate the total area.
 - (B) Enter the total surface area in square feet in item 28 of the Clam Appraisal Worksheet for Bottom and Round Pen Culture.

- (iii) Measure the density of clams in each of the plots.
 - (A) At each of the seeded plots, randomly select and mark three points within the bed for measuring the density. Do not sample at the edges of the bed.
 - (B) With permission of the insured either lift the netting to permit access or cut an "X" through the anti-predator netting at a spot of sufficient size to sample the bed. Two methods to sample the bed are:

1 PVC Pipe

- <u>a</u> Insert the core into the sediment to a depth of six inches at the marked site and extract a sample of the substrate and clams.
- Convert the pipe diameter to square feet by the following formula and enter the factor, rounded to the nearest thousandth, in item 20 of the appraisal worksheet. Show the calculation of the factor in the remarks section, and note the size of the PVC pipe used.
- \underline{c} 144 ÷ (3.14 * r2) where r = pipe radius

EXAMPLE: 12-inch diameter pipe $\{144 \div (3.14 * 62) = 1.274\}$

If PVC pipe is used for stage 2 or stage 3 clams the minimum diameter pipe must be 12 inches. A one (1) square foot sampler may be constructed and used without the conversion factor.

2 Rake Widths Across the Bed

- <u>a</u> For a particular clam bed, rake across the width of the bed.
- <u>b</u> Rake across the bed in three different locations.

XX XX XX XX XX XX			
xx	XX	xx	xx
xx xx xx xx xx xx	XX	XX	XX
XX XX XX	XX	xx	XX
	XX	xx	XX
XX XX XX	XX	XX	XX
	XX	XX	XX

<u>c</u> If this sampling procedure is used, enter the total number of square feet in the three sample areas in item 21 and enter 1.00 in item 22 of the Clam Appraisal Worksheet for Bottom and Round Pen Culture.

- <u>d</u> When using the rake method for sampling stage 2 and stage 3 clams, the rake basket must be lined with mesh having holes not larger than 9 mm.
- (C) Sort the sample through a one-quarter inch mesh sieve, and count all of the live clams. Live clams are relatively heavy, and their hinges are closed.
- (D) After counting, return live clams to the substrate.
- (E) Close the cut in the netting dental floss in a tapestry needle can be used to stitch the netting back together.
- (b) Bagged Culture
 - (i) Determine the distribution of bags by seeding quarter. Mark their locations on the map of the lease area.
 - (ii) Count the total number of bags in each seeding quarter and enter in item 21 of the appraisal worksheet. Enter 1.00 in item 20 of the appraisal worksheet.
 - (iii) Randomly select bags to sample within each seeding quarter. See section 5B for sampling requirements.
 - (iv) The number of live clams per bag may be assessed by:
 - (A) Counting all live clams in the bag; or
 - (B) Volumetric Sampling:
 - <u>1</u> Sort the live clams from the dead clams. Live clams are relatively heavy and their hinges are closed.
 - Determine the total number of live clams in a graduated cylinder's measured volume by counting the number of live clams in a small subsample whose volume already has been measured.
 - No. of Live Clams in Subsample X Total Vol. of Live Clams Subsample Volume (ml) = Total Number of Live Clams.
 - <u>4</u> Appropriate volumes for the size of clams counted are:

Growout Bag 100 – 4000 ml.

5 CLAM SIZES

Number per pound and hinge size below are approximate:

Cherrystone 3-4 per pound 2 inch hinge

Top Neck 5-7 per pound 1 1/2 inch hinge

Middle Neck 7-9 per pound 1 1/4 inch hinge

Little Neck 10-13 per pound 1 inch hinge

7/8 Inch 14-18 per pound 7/8 inch hinge

Pasta 18-25 per pound 3/4 inch hinge

Hatchery – Clam culture begins in the hatchery with the production of seed. In the hatchery, adult clams are induced to spawn by altering the temperature of the water. Fertilized eggs and resulting free-swimming larval stages are reared under controlled conditions in large, cylindrical tanks filled with filtered, sterilized seawater. Larvae are fed cultured phytoplankton (microscopic marine algae) during a 10 to 14-day larval culture phase. After approximately 2 weeks, the larvae begin to settle out of the water column and metamorphose into juvenile clams. Even though a true shell is formed at this time, post-set seed are still microscopic and vulnerable to fluctuating environmental conditions. Thus, they are maintained in downwellers at the hatchery for another 30 to 60 days until they reach about 1 mm in size.

Nursery – The land-based nursery protects small seed until they are ready to be planted out onto the lease for growout. Nursery systems built on land usually consist of weller systems or raceways. Water, pumped from an adjacent saltwater source, provides naturally occurring phytoplankton and oxygen to the clam seed. Depending on water temperatures, 1-2 mm seed, obtained from the hatchery, require from 8 to 12 weeks to reach 5-6 mm in shell length, the minimum size planted in the field.

Growout – Clams are primarily grown on estuarine or coastal submerged lands leased from the State of Florida. Since clams are bottom-dwelling animals, growout systems are designed to place the clam seed on the bottom and provide protection from predators. Most clam growers in the state use a soft bag of polyester mesh material. The bag is staked to the bottom and naturally occurring sediments serve as the bottom substrate. Bag culture usually involves a 2-step process. The first step entails field nursing seed with shell lengths of 5-6 mm (1/4 inch) in a small-mesh bag. After about 3-6 months, the seed reach a growout size of 12-15 mm shell length (1/2 inch) and they are transferred to a bag of larger mesh size. A crop of littleneck clams (25 mm or 1-inch shell width) can be grown in 12-18 months.

- (9) As a Result of Any Inspection:
 - (a) In all cases, the AIP may choose to re-inspect. If the deficiency upon which a denial was based is corrected, an applicant may reapply for coverage. This application must be completed before sales closing.

(b) The AIP will verify the reported liability *** is consistent with the CIVR. When the inventory is over-reported or under-reported, the *** AIP will request the insured provide evidence supporting the *** reported values or revise the inventory appropriately.

23 Establishing the Unit Value

A. Unit Value Before Loss

*** To establish the unit value before loss, *** the AIP must reconstruct the value before loss by determining:

- (1) The number and stages of all insurable clams on the lease sites that existed on the date of the CIVR.
- (2) Any adjustment for changes, including but not limited to; seeding, sales, harvesting and changing in stage.
- (3) The prices contained in the AD.
- (4) The applicable survival factors applied

B. Unit Value After Loss

*** The unit value after loss is used to determine the loss of value for each individual unit to enable losses to *** be paid on an individual unit basis, optional or basic, as applicable.

24 Unit Division

- (1) A basic unit may be divided into optional units in accordance with section 2(b) of the Cultivated Clam CP. Regardless of the existence of optional units, the basic unit value before loss will be used to establish:
 - (a) The amount of insurance.
 - (b) Crop year deductible.
 - (c) Under reporting factor.
 - (d) Premium.
 - (e) The maximum indemnity payable.

24 Unit Division (Continued)

(2) In lieu of the optional unit provisions in the BP, if the insured elect's additional levels of coverage, for an additional premium, inventory that would otherwise be a basic unit may, unless limited by the SP, be divided into optional units by non-contiguous lease parcels. Additional optional units may also be authorized in the SP.

(3) Other Unit Division Provisions:

- (a) Basic units are established by share. All insurable clams in which the insured has a share are a basic unit.
- (b) If the insured elects optional units (additional coverage only), the insured must provide separate CIVRs for each unit and keep all records of seeding, harvest, sales and uninsured losses separately by unit.

Failure to keep separate records will result in all optional unit inventories under a basic unit being combined into a basic unit at loss time. If the insured elects optional units, their amount of insurance will be divided among optional units in relation to unit value before loss of clams in each optional unit. If, at the time of loss, the aggregate value of the clams in the insured's optional units exceeds their basic unit inventory value, the insured will be subject to the under reported factor provisions.

(4) For CAT:

- (a) Basic units are based on all lease parcels combined in the county in which the insured has a 100 percent interest and separately for each lease parcel in the county in which the insured has a different share interest (see the CAT endorsement).
- (b) Optional units are not available.

25 Penalties for Misreporting

A. Under-Report Factor (Penalty for Under-Insuring)

If the insured fails to report an amount of insurance equal at least to the value of the inventory at the time of any loss determination, a penalty in proportion to the amount of under insurance will be applied.

For example: The insured has a 100 percent share and the inventory value reported by the insured was \$100,000. At the time of loss, basic unit value before loss was \$125,000. \$100,000 divided by \$125,000 = .80 under reporting factor.

B. Over-Reporting *** Inventory Value

If the insured reports an amount of insurance that exceeds the actual value of the inventory, the insured will pay for coverage on which no indemnity can be collected. The policy will not pay any indemnity amount that exceeds the actual inventory value, and premium dollars will be wasted. In addition, the crop year deductible will be overstated and will force the occurrence deductible to be applied for each loss in the case of multiple losses, and the insured may not be indemnified.

A. A Clam Inventory Value Report must be:

- (1) Signed and dated by the insured, or the insured's authorized representative. It is unacceptable to mark report "signature on file" or "report by telephone" or any other remark without the original insured's signature.
- (2) Submitted with the insured's application and for each subsequent crop year, not later than November 30 proceeding the crop year, or a date specified in the SP. If a CIVR is not submitted by November 30, or a date specified in the SP, *** the AIP may elect to determine the inventory values in effect as of November 30, or the date specified in the SP. In most cases, this will protect the insured's interests. However, if the expiring reported inventory value is too large, for example, or if there had been a loss during the year and the insured restocked and increased the reported inventory, the insured may have purchased too much coverage and thus be subject to paying unnecessary premium and be subjected to the effects of an unnecessarily large crop year deductible. Since reported values cannot be revised downward, insureds should be advised to accurately report their planned inventory for the crop year.

B. The Clam Inventory Value Report Will Include:

- (1) All growing locations;
- (2) The insured's share;
- (3) The stage values of the clams;
- (4) Verifiable records to substantiate mortality factors if other than SP factors are used in calculations;

SEE PREMIUM CALCULATION, SECTION 28

For CAT, the inventory value may not exceed the amount listed on the AD.

The limitations contained in the AD may cause the insured to under report an inventory which may adversely affect the insurance coverage. The insured may present acceptable records to the AIP that demonstrates the actual inventory value and the AIP's underwriter may waive the limits and issue coverage for a larger amount. A copy of any of these waivers must be kept in the insured's files.

- (5) Previous year's clam sales (CAT only); and
- (6) The practice (e.g., bottom culture, nursery bag, growout bag).

C. The *** AIP May Also Request Documentation Including:

- (1) A detailed listing of growing areas;
- (2) A map that shows enough detail to distinguish seeded areas within the site;

C. The Company May Also Request Documentation Including: (Continued)

- (3) Sales of clams and purchases of seed clams for the past three years; and
- (4) The numbers and sizes of clams seeded or placed in nursery or grow-out.

D. Clam Inventory Value Report Revisions

- (1) The CIVR may be revised to increase the insured inventory value due to:
 - (a) Changes in the clam growing operation (increases in the growing area and/or inventory volume);
 - (b) Replanting after damage or sales.
- (2) The CIVR may be revised after the sales closing date to increase or decrease the value due to clerical errors.
- (3) An upward revision after sales' closing requires that an entry be made in the remarks section of the CIVR form stating, "correction revised upward."
- (4) New inventory is subject to inspection requirements and the 30-day waiting period.

27 Deductibles

26

A. Crop Year Deductible

The crop year deductible is determined when the level of coverage is selected. It is equal to 100 percent minus the selected coverage level (e.g., 100% - 75% = 25%) times the inventory value reported for the basic unit times the share. The crop year deductible is reduced by any previously incurred crop year or occurrence deductible until the deductible is met. Once the crop year deductible is met, subsequent losses are not reduced by a deductible. The crop year deductible may increase due to increases in inventory value on a revised PIVR. The increased deductible is applicable only during the effective period of the peak endorsement.

B. Occurrence Deductible

Individual losses are determined by applying an occurrence deductible. The occurrence deductible is the lesser of:

- (1) The deductible percentage, (1 the coverage level) multiplied by the unit value before loss multiplied by the under-report factor, or
- (2) The (remaining) crop year deductible.

28 Exclusions to Cultivated Clam CP

- (1) Late Planting Provisions of section 16 of the BP do not apply.
- (2) Prevented Planting Provisions of section 17 of the BP do not apply.

29-40 (Reserved)

EXHIBITS

Exhibit 1 Acronyms and Abbreviations

The following table provides the acronyms and abbreviations used in this handbook.

Approved Acronym/ Abbreviation	Term
AD ***	Actuarial Documents ***
AIP	Approved Insurance Provider
APH	Actual Production History
ВР	Basic Provisions
CAT	Catastrophic Risk Protection
CCIP	Common Crop Insurance Policy, Basic Provisions
CIH	Crop Insurance Handbook, FCIC-18010
CIVR	Clam Inventory Value Report
СР	Crop Provisions
DSSH	Document and Supplemental Standards Handbook, FCIC-24040
FAD	Final Agency Determination
FCIC	Federal Crop Insurance Corporation
GPS	Global Positioning System
LAM	Loss Adjustment Manual, FCIC-25010
PAIR	Pre-Acceptance Inspection Report
PIVR	Peak Inventory Value Report
RMA	Risk Management Agency
SP	Special Provisions

<u>Amount of insurance</u>: For each basic unit, the insured's inventory value multiplied by the coverage level percentage the insured elects, and multiplied by the insured's share. However, for catastrophic risk protection policies, amount of insurance is the insured's inventory value multiplied by the coverage level percentage (for CAT coverage the level is limited to 50 percent), multiplied by the insured's share, and multiplied by 55 percent. The insured's accumulated paid indemnities during the crop year for each basic or optional unit may not exceed the insured's amount of insurance.

<u>Basic unit value before loss:</u> The stage value of all undamaged insurable clams, in the basic unit or, if elected, all optional units combined, immediately prior to the occurrence of any loss as determined by our appraisal. This allows the amount of insurance under the policy to be prorated among the individual units based on the actual value of the clams in the unit at the time of loss. It is also the basis for determining whether or not an indemnity is due. This value is used to ensure that the insured has not under-reported the clam inventory value.

<u>Crop year deductible</u>: The deductible percentage multiplied by the sum of the inventory values within each basic unit. The crop year deductible will be increased for any increases in the inventory value on the inventory value report. The crop year deductible will be reduced by any previously incurred deductible if the insured timely reports each loss to the AIP.

<u>Deductible percentage</u>: An amount equal to 100 percent minus the percent of coverage the insured selects. The percentage is 50 percent for catastrophic risk protection coverage.

<u>Disease:</u> Any pathogen or group of pathogens, parasitic infestation or plague verified by an aquaculture pathologist and shown to be a primary cause to the death of the insured clams.

Freeze: The formation of ice in the cells of the animal caused by low air temperatures.

<u>Global Positioning System (GPS):</u> A space based radio position, navigation, and time transfer system involving satellites and computers to determine the latitude and longitude of a receiver on Earth by computing the time difference for signals from different satellites to reach the receiver and referenced in the SP.

<u>Growing location:</u> A lease parcel, permit or licensed area, whose boundaries are readily discernible above the water, and identified on a map that shows enough detail to distinguish seeded areas within the site.

<u>Growout bag:</u> A mesh bag used throughout the growing season to contain clams when placed in the appropriate growing medium and as further defined by the SP.

<u>Harvest:</u> Removal of marketable clams from the unit. Clams that are removed from the growing location but not of sufficient size to be marketable are not considered harvested if returned to the growing location.

Ice floe: Floating ice formed in sheets on the sea surface.

Inventory value: The total of the stage values from the inventory value report.

<u>Inventory value report:</u> The insured's report that declares the stage values of insurable clams in accordance with section 6 of the Cultivated Clam CP. See this handbook, Exhibit 5 for the inventory value report instructions and form. The inventory value report is also known as the Clam Inventory Value Report (CIVR).

Exhibit 2 Definitions (Continued)

Land: The land under a body of water suitable for planting clams and the column of water above the land if designated and controlled by state law.

Lease: A contract that grants use of land in or assigned to a county for a specified term and for a specified payment and provides the lessee with the exclusive use of the land to plant clams.

Lease parcel: A legally identifiable tract or plot of land covered by a lease, permit, or license.

<u>License</u>: Official or legal permission that grants use of land in or assigned to a county for a specified term and provides the licensee with the exclusive use of the land to plant clams.

<u>Non-contiguous:</u> In lieu of the definition in the BP, separately-named, high-density aquaculture lease sites or shellfish sites are considered non-contiguous, unless limited by the SP. Individual land parcels within such sites are not considered non-contiguous.

Occurrence deductible:

- (a) This deductible allows a smaller deductible than the crop year deductible to be used when:
 - (1) Inventory values are less than the reported basic unit value; or
 - (2) The insured has elected optional units, if applicable.
- (b) The occurrence deductible is the lesser of:
 - (1) The deductible percentage multiplied by the unit value before loss multiplied by the underreport factor; or
 - (2) The crop year deductible.

<u>Permit:</u> A document giving official or legal permission to use land in or assigned to a county for a specified term and provides the permittee with the exclusive use of the land to plant clams.

Planting: The placing of seed clams into the appropriate growing medium for the practice specified.

<u>Pollution</u>: The presence in the water of a substance that directly causes death of the clams. The substance shall not be parasitical, bacterial, fungal or viral, or any substance used by the insured for medicinal purposes. Pollution will also include any increase or decrease in the content of any normal soluble or insoluble constituent of water including mud and silt, feed residues, solid or liquid fish wastes, dissolved gases, and any other substance normally present in the water of the lease parcel.

<u>Practical to replant:</u> In lieu of the definition of "Practical to replant" contained in section 1 of the BP, unless limited by the SP, practical to replant is defined as our determination, after loss or damage to the insured crop, based on factors including, but not limited to the causes of loss listed in section 10 of the Cultivated Clam CP, that replanting the insured crop will allow the crop to develop normally during the remainder of the crop year. Unavailability of seed clams will not be considered a valid reason for failure to replant.

<u>Practice:</u> The cultural methods of producing clams such as trays, mesh bags, round pens, lantern nets, or bottom planting.

Exhibit 2 Definitions (Continued)

Replant: Unless limited by the SP, performing the cultural practices necessary to prepare for replacement of insured clams that were destroyed by an insurable cause of loss and then placing living insurable clams into mesh bags or pens, or seeding them into prepared growout beds, bottom culture, bottom trays, or floating trays on insurable acreage.

<u>Salinity:</u> The dissolved solids (typically salts such as chloride, sodium, and potassium) in ocean water expressed as parts per thousand.

Seed clam:

- (a) For clams placed in a field nursery or a nursery bag a clam that is a minimum of 5 mm, measured at the longest shell distance that is parallel to the hinge.
- (b) For all others a clam which is a minimum of 10 mm, measured at the longest shell distance that is parallel to the hinge.

<u>Separately named high-density aquaculture lease site:</u> The submerged subdivided land under a body of water suitable for the cultivation of clams and identified and named separately by the Division of Marine Resources or similar regulatory agency.

<u>Shellfish harvest ban:</u> A State or Federal order that prohibits harvesting clams for human food in areas where monitoring program data indicates that fecal material, pathogenic microorganisms, poisonous or deleterious substances, marine toxins, or radio nuclides have reached excessive concentrations.

Stage: Clams that have attained the size or age specified for stage 1, 2, 3, or 4 as defined in the SP.

<u>Stage value:</u> The dollar value of the inventory of all insurable clams at each stage based on the survival factors and the prices shown in the <u>AD</u> for such stages, in each unit on the insured's inventory value report, including any revision that increases the value of the insured's insurable inventory.

Storm surge: A significant increase or decrease in water depth relative to normal tides that is caused by a strong, continuous and prolonged strong flow of onshore or offshore winds.

<u>Survival factor:</u> A factor shown on the <u>AD</u> that represents the expected percentage of clams that will normally survive. If the insured provides production records for three consecutive years, those records will be used in lieu of the factor contained in the actuarial document to determine the survival factor.

The survival factor is applied at the time of inventory and is not applied a second time to the same inventory when a loss occurs. Clams that are seeded subsequent to the annual inventory report must be adjusted by the survival factor.

<u>Tidal wave:</u> A large water wave, wave train, or a series of waves, generated in a body of water by an impulsive disturbance that vertically displaces the water column or a destructive type of wave motion in seas and oceans, associated either with strong winds or underwater earthquakes.

Exhibit 2 Definitions (Continued)

<u>Under-report factor</u>: The factor that adjusts the insured's indemnity for under-reporting of inventory values. The factor is always used in determining any indemnities. The under-report factor is the lesser of: a) 1.000 or; b) the sum of all stage values reported on all the inventory value reports, minus the total of all previous losses, as adjusted by any previous under-reporting factors, divided by the basic unit value before loss.

<u>Unit value after loss:</u> The value of the remaining insurable clams in each basic or optional unit based on the percentage of the reference maximum dollar amount contained in the <u>AD</u>, immediately following the occurrence of a loss as determined by the AIP's appraisal, plus any reduction in value due to uninsured causes. This is used to determine the loss of value for each individual unit so that losses can be paid on an individual unit basis, optional or basic, as applicable.

<u>Unit value before loss:</u> The stage value of undamaged insurable clams in the basic or optional unit, as applicable, immediately prior to the loss occurrence. The determined value will include the number of seeded and harvested clams and stages that existed on the date of the inventory value report, adjusted for changes in accordance with subparagraph 22A(2) of this handbook, including but not limited to; the reference maximum dollar amount contained in the <u>AD</u>; and the applicable survival factors. This allows the amount of insurance under the policy to be divided among the individual units in accordance with the value of the clams in the unit at the time of loss for determining whether the insured is entitled to an indemnity for insured losses in the unit, optional or basic, as applicable. Clams that are seeded subsequent to the annual inventory report must be adjusted by the survival factor before they are added to the beginning inventory during the process of establishing the "Unit value before loss."

LIST OF SHELLFISH PATHOLOGISTS

Dr. Douglas Smith DVM

Clemson Veterinarian Diagnostic Center 500 Clemson Rd. Columbia, SC 29229 Phone 803-726-7830 or 803-788-2260 dsmith8@clemson.edu

Dr. Michael Denson

Director
Marine Research Institute
PO Box 12139
Charleston, SC 29422
Phone 843-953-9819
densonm@dnr.sc.gov

Dr. Brian Beal

Director of the Marine Science Field Station

University of Maine at Machias 116 O'Brien Avenue Machias, ME 04654 Phone 207-255-1314 bbeal@maine.edu

Dr. Marta Gomez-Chiarri

Director of the Biological and Environmental Sciences Graduate Program

University of Rhode Island 169 CBLS Kingston, RI 02881 Phone 401-874-2917 gomezchi@uri.edu

Robert Boyles Jr.

South Carolina Department of Natural Resources
Deputy Director for Marine Resources
P.O. Box 12559
Charleston, SC 29422
843-953-9304
boylesr@dnr.sc.gov



Dr. Mark Luckenbach

Associate Dean for Research and Advisory Services
Virginia Institute of Marine Science
College of William and Mary
Watermen's Hall 248
Gloucester Point, VA 23062
804-684-7108
luck@vims.edu

Dr. Kimberly S. Reece

*** Professor of Marine Science
Virginia Institute of Marine Science
College of William and Mary
Chesapeake Bay Hall S110
Gloucester Point, VA 23062
804-684-7407
kreece@vims.edu

Dr. David Bushek

Director & *** Professor
Haskin Shellfish Research Laboratory
6959 Miller Avenue
Port Norris, NJ 08349
856-785-0074 ext. 4327
bushek@hsrl.rutgers.edu

Dr. Peter Merrill, D.V.M.

Kennebec River Bioscience, Inc. 41 Main Street Richmond, Maine 04357 207-737-2637 pmerrill@kennebecbio.com



State of Connecticut, Bureau of Aquaculture & Laboratory Services

PO Box 97

190 Rogers Avenue

Milford, CT 06460

Phone 203-874-0696

Agri.Aquaculture@ct.gov

Exhibit 3 References (Continued)

Dr. Galit Sharon DVM, Ph.D.

Director of the Aquatic Diagnostic Laboratory

Associate Professor of Biology

Department of Biology, Marine Biology & Environmental Science

Feinstein School of Social & Natural Sciences, MNS 245

Roger Williams University

1 Old Ferry Road Bristol, RI 02809

(401) 254-3299

gsharon@rwu.edu

Complete a Cultivated Clam PAIR for all insurable units. This report must be completed within thirty days of the signature date on the application by the applicant and as directed by the AIP for applicants/insureds.

Inspectors are encouraged to solicit advice from Cooperative Extension System, Marine Extension Agents and Biologist, Shellfish Pathologists, National Marine Fisheries Service, Sea Grant Aquaculture Specialists, or other aquatic specialists knowledgeable in Clam Culture on matters they are unfamiliar with.

The following entries are required for the Cultivated Clam PAIR in a format selected by the *** AIP. The sequence of items on the form will be determined by the format selected by the AIP.

IDENTIFYING THE INSURED

Item #	Element	Substantive/ Non-Substantive
	*** "AIP Name"	Substantive
1	"Crop Year"	Substantive
2	"Unit Number"	Substantive
3	"Site Management"	Substantive
4	"Name of Applicant/Insured"	Substantive
5	"Address/States and County"	Substantive
6	"Phone Number"	Substantive
7	"Name of Operator (if different from applicant)"	Substantive
8	"Name of Agent/Agency and Phone Number"	Substantive
9	"Agent Phone Number"	Substantive

GROWER INFORMATION

Item #	Element	Substantive/ Non-Substantive
10	"Enter the number of years' experience applicant has growing clams"	Substantive
11	"Has the unit been insured in prior years?"	Substantive
12	"Does the insured own or operate a hatchery?"	Substantive



UNDERWRITING INFORMATION

Item #	Element	Substantive/ Non-Substantive
13	*** "Describe in detail the management practices carried out on the insured's operation."	Substantive
14	"Describe in detail the condition of the protective netting or growout bags."	Substantive
15	"Describe in detail the location of the unit with relation to the neighboring lease, lease parcel, or licensed sites."	Substantive
16	"By what date is seeding completed for the unit under normal conditions?"	Substantive
17	"Determine the average planting density of clams on each unit. Refer to section 4 of FCIC 25800 *** for appraisal methods to determine planting density."	Substantive
18	"Obtain and attach copies of the lease, lease parcel, or licensed site identified by GPS coordinates, and survey maps with boundaries that are discernable. Attach a hand drawn map that shows enough detail to distinguish seeded areas within the sites."	Substantive
19	"Is the unit adjacent to areas that have been or will be dredged? If yes, explain in detail."	Substantive
20	"Are there known soil or disease limitations associated with the site (heavy clay soils or QPX, etc.)?"	Substantive
21	"Describe in detail the area's susceptibility to storm damage."	Substantive
22	"Is the lease, lease parcel, or licensed area accessible at low tide? If not, what is the depth of the water over the lease site at low tide?"	Substantive



ACREAGE/INSPECTION INFORMATION

Item #	Element	Substantive/ Non-Substantive					
23	"Are the areas susceptible to ice damage?"	Substantive					
24	"Are the areas susceptible to fresh water intrusion?"	Substantive					
25	"Are the areas susceptible to excessive silting?"	Substantive					
26	"Calculate and enter the percent of total lease, lease parcel, or licensed site in use."	Substantive					
27	"Will Cooperative State Research, Education, and Extension Service Marine Biologists or Sea Grant personnel be available for reference on technical questions?"	Substantive					
28	"Does the applicant have sufficient records to substantiate the inventory value?"	Substantive					
29	"Is the lease, lease parcel, or licensed site in close proximity to recreational areas or navigation channels?"	Substantive					
30	"Does the applicant have leases, lease parcels, or licensed sites that are not in the designated areas?"	Substantive					
31	"Additional information and comments (attach additional sheets as needed):"	Substantive					

INSPECTOR'S EVALUATION

Item #	Element	Substantive/ Non-Substantive
32	"A. The inspector's evaluation of the operation and management as to whether it is above average, average, or below average of those in the area."	Substantive
	"B. The inspector's evaluation of the lease, lease parcel, or licensed sites as to whether they are above average, average, or below average."	
33	"Action Recommended by inspector to Accept or Reject the operation for insurance, and explanation if rejection is recommended."	Substantive



SIGNATURES

Item #	Element	Substantive/ Non-Substantive
34	"Inspector/Date/Phone Number"	Substantive
	Note: Inspector signs and dates on the date of inspection.	
35	"AIP Supervisor/Date/Phone Number"	Substantive
	Note: AIP supervisor signs and dates on the date received	
	and evaluated.	



Exhibit 4 *** Cultivated Clam Pre-Acceptance Inspection Report Standards (Continued)

For Illustration Only							
CULTIVATED	CLAM PR	E-ACCEP	PTAN	CE INSPECTION REPORT			
		T >					
COMPANY	1. Crop Year	2. Unit		3. Is lease site managed by applicant?	Yes	No	
				If "NO" who manages it?			
4. Name of Applicant/Insured				6. Applicant/Insured's Telephone Numbe	er.		
				Area Code			
5. Address/State/County				, ,			
2. Address/State/obanty				7. Name of Operator (if different than a	oplicant)		
8. Name of Agent/Agency:							
	ea Code ()					
GROWER INFORMATION							
10. Enter number of <u>years experience</u> applicant has growing	clams.		Years				
		1	\top				
11. Has this unit been insured in prior years?		Yes	1	lo .			
If yes, years insured and prior contract number(s)?		Τ	ТТ				
12. Does the insured own or operate a hatchery?		Yes	1	lo .			
UNDERWRITING INFORMATION							
13. Describe in detail the management practices carried out	on the insured'	s operation.					
14. Describe in detail the condition of the protective netting	or growout bag	ţs.					
15. Describe in detail the location of the unit with relation to	neighboring le	ase, lease par	cel or lice	ensed sites.			
16. What date is seeding completed for the unit under norm	al conditions?						
17. Determine the average planting density of clams on each							
18. Obtain and attach copies of the lease, lease parcel or lic	ensed site and	survey maps.	For each	h lease, lease parcel or licensed site, provid	de Global I	Positioning	
Coordinates (GPS). Each coordinate will be provided in		DMMddd wh	iere;			_	
DDD = degrees (right justified and left zero filled where MM = minutes (right justified and left zero filled when							
ddd = decimal minutes, rounded where necessary to 3		, GPS Coordi	inates: 0	3740109, 12223825)			
19. Is the unit adjacent to areas that have been or will be dre	edged? If yes, e	xplain in detai	il.				
20. Are there known soil or disease limitations associated wi	th the site (hear	vy clay soils or	r QPX etc	:.)?			
21. Describe in detail the areas' susceptibility to storm dama	ge?						
	-						
33 Is the learn learn record or linear decord on the learn	ureida 2 af	ulana in skr - d	nth atai	o waster gives the leave site at levi side?			
22. Is the lease, lease parcel or licensed area accessible at lo	w tider if not, v	wnat is the de	pin of th	e water over the lease site at low tide?			
Page 1 of 2							

Exhibit 4 *** Cultivated Clam Pre-Acceptance Inspection Report Standards (Continued)

(For illustration only)										
ACREAGE/INSD	ECTION INFORMATION									
ACKLAGL/IIVSF	ECTION INFORMATION			Τ						
23. Are the are	as susceptible to ice damage?		Yes	_	No					
24. Are the are	as susceptible to fresh water intrusion?		Yes		No					
25. Are the are	Yes		No							
26. Percent of	total lease, lease parcel or licensed site in u	ie -		•	•					
		Less T	- 1	50 - 6	50%	61 - 70%				
	(1)									
	(2)									
	(3)									
27. Are Cooper	ative State Research, Education and Extens	on Servi	ce Marir	ne Biolo	ogists or	Sea Grant pers	onnel availab	le for referenc	e on technical	questions?
28. Does the a	oplicant have sufficient records to substanti	ate the ir	nventory	y value	?					
29. Is lease, lea	sse parcel or licensed site in close proximity	to recrea	ational a	reas or	navigati	on channels?				
30 <u>. Does</u> the ap	oplicant have lease, lease parcel or licensed	sites tha	t are no	t in the	designa	ted areas?				
31. Additional	information and comments (attach addition	al sheets	s as need	ded)						
INSPECTORS EV	/ALUATION									
32. A. Your eva	aluation of the management of this operation	n:				B. Your ev	aluation of th	e lease, lease	parcel, or licen:	sed sites
	Above Average Avera	ge	В	elow A	verage		Above Avera	ge A	erage	Below Average
33. Action Reco	ommended: Accep	tance	R	ejectio	n					
If rejection	explain why:									
SIGNATURES										
34. Inspector					Date			Phone Numb	er and Contact	Point
35. Supervisor					Date			Phone Numb	er and Contact	Point
	This form example does not illustrate all required entry items (e.g., signatures, dates, etc.).									
Page 2	of 2									
6										

*	*	*

For new insureds, the CIVR *** must be completed at the time of application ***.

For carryover insureds, the CIVR *** must be filed on or before November 30.

See section 7 of the Cultivated Clam CP for important dates.

- *** The CIVR may be revised any time during the crop year for clerical errors.
- *** The CIVR will include all locations, identified by GPS coordinates, with boundaries that are discernable, and identified on a map that shows enough detail to distinguish seeded areas within the site.
- *** The CIVR may be used to add values of the inventory that has been replaced after a loss or which were not included in the original report.

The following entries are required for the CIVR in the format selected by the company. The sequence of the items on the form will be determined by the format selected by the company.

Element	Required Information
Element 1. "Identification"	 Company Name Insured's Name Street Address City, State, Zip Code Is this a Revised Report?NOYES If revised report check block (NOTE: cannot revise downward unless clerical error.)
	 Have any new Growing Locations been added to the operationNOYES. If YES then list: Contract Number Crop Year Unit Number Date

Exhibit 5 Instructions for Completion of Clam Inventory Value Report (Continued)

	Element	Required Information
2.	"Inventory Information: Stage 1 (Fill out only if allowed by the SP)"	 Practice GPS Coordinates for Lease, Lease Parcel, or Licensed Site. Date Seeded Seed Size Number Seeded Survival factor (From AD unless producer provides records with a higher survival factor.) Price (The CAT price per clam is calculated by multiplying the *** Catastrophic Dollar Amount stated in the AD times the Stage Price Factor per clam, and the Buy-up price per clam is calculated by multiplying the *** Reference Maximum Dollar Amount stated in the AD times the Stage Price Factor per clam.) Stage 1 Inventory Value TOTALS: Multiply total number of Stage 1 clams seeded by survival factor by price to arrive at Stage 1 Inventory Value.
3.	"Inventory Information: Stage 2"	 Practice GPS Coordinates for Lease, Lease Parcel, or Licensed Site. Date Seeded Seed Size Number Seeded Survival factor (From AD unless producer provides records with a higher survival factor.) Price (The CAT price per clam is calculated by multiplying the *** Catastrophic Dollar Amount stated in the AD times the Stage Price Factor per clam, and the Buy-up price per clam is calculated by multiplying the *** Reference Maximum Dollar Amount stated in the AD times the Stage Price Factor per clam.) Stage 2 Inventory Value TOTALS: Multiply total number of Stage 2 clams seeded by survival factor by price to arrive at Stage 2 Inventory Value.

Exhibit 5 Instructions for Completion of Clam Inventory Value Report (Continued)

Element	Required Information
4. "Inventory Information: Stage 3"	 Enter the following information: Practice GPS Coordinates for Lease, Lease Parcel, or Licensed Site. Date Seeded
	 Seed Size Number Seeded Survival factor (From AD unless producer provides records with a higher survival factor.) Price (The CAT price per clam is calculated by multiplying the *** Catastrophic Dollar Amount stated in the AD times the Stage Price Factor per clam, and the Buy-up price per clam is calculated by multiplying the *** Reference Maximum Dollar Amount stated in the AD times the Stage Price Factor per clam.)
	 Stage 3 Inventory Value TOTALS: Multiply total number of Stage 3 clams seeded by survival factor by price to arrive at Stage 3 Inventory Value.
5. "Inventory Information: Stage 4"	 Practice GPS Coordinates for Lease, Lease Parcel, or Licensed Site. Date Seeded Seed Size Number Seeded Survival factor (From AD unless producer provides records with a higher survival factor.) Price (The CAT price per clam is calculated by multiplying the *** Catastrophic Dollar Amount stated in the AD times the Stage Price Factor per clam, and the Buy-up price per clam is calculated by multiplying the *** Reference Maximum Dollar Amount stated in the AD times the Stage Price Factor per clam.) Stage 4 Inventory Value TOTALS Multiply total number of Stage 4 clams seeded by

Exhibit 5 Instructions for Completion of Clam Inventory Value Report (Continued)

	Element	Required Information								
6.	"Calculation for Amount of	Enter the following information:								
	Insurance"	Total of Stage 1 Inventory Value plus Total of Stage 2 Inventory Value plus Total of Stage 3 Inventory Value plus Total of Stage 4 Inventory Value multiplied by Insured's Share times Coverage Level Selected by Insured to arrive at Amount of Insurance.								
		 Previous year's sales (CAT ONLY): Report for each basic unit, by practice, the sales for the prior year. 								
		 All clams on the unit including any clams owned or subleased by other individuals or entities must be reported. Enter the name of the individual or entity and the number of clams by stage, owned or subleased by anyone other than the insured. 								
7.	"Understanding by Insured"	 Assure that the inventory values reported are based on the CIVR. 								
		 Understand that over-reporting of inventory will cause the premium to be overpaid. 								
		 Understand that under-reporting will result in a factor being applied to the indemnity reducing the amount by the percentage under insured. 								
		 Understand that only cultivated clams identified in the Cultivated Clam CP and SP are eligible for coverage. 								
8.	"Insured's Signature"	The insured must sign the CIVR and date the form. It is not acceptable to mark report "signature on file" or "report by telephone" or any other remark without the original signature of the insured. Applicable certification statement must be included on any form that the insured signs. See FCIC-24040 Document Supplemental Standards Handbook to determine applicable certification statement.								
9.	"Representative's Signature"	The AIP's representative must sign and date the CIVR.								
10.	"Required Statements"	The Collection of Information and Data (Privacy Act) Statement and the Nondiscrimination Statement must be included on any form the individual signs or provided to the individual on separate form, for each form that is signed by the individual. A copy must be maintained by the AIP. The Certification Statement must be included on any form that the insured signs that collects information from the insured. See the FCIC 24040 Document Supplemental Standards Handbook to determine the applicable statements to include on any forms.								

Exhibit 5 Instructions for Completion of Clam Inventory Value Report (Continued)

For illustration on	ily				CLAN	/ INVENT	ORY VALUE	REPORT						
								Is this a revised re Have any new gro				ward unless clerical	error.)	
COMPANY NAM	1E:							If YES, then list here: Contract Number Crop Year						Year
Insured's Name:	:]						
Street Address:]						
City, State, Zip:								Unit Number				Date		
]						
Practice:				ST	AGE 1			Practice:			ST	AGE 2		
GPS Coords. for Lease, Parcel,	Date	Seed	Numi	her	Survival		Stage 1	GPS Coords. for Lease, Parcel,	Date	Seed	Number	Survival		Stage 2 Inventory
Licensed Site I.D.	Seeded	Size	Seed		Factor	Price	Inventory Value	Licensed Site I.D.	Seeded	Size	Seeded	Factor	Price	Value
				>	x x		=		Ι	Ī		X	X	=
	STAGE 1 INVENTORY TOTAL					STAGE 2 INVENTORY TOTAL								
Practice:	1			ST	AGE 3			Practice:	I	1	ST	AGE 4	T	
GPS Coords. for Lease, Parcel,	Date	Seed	Numi	ber	Survival		Stage 3	GPS Coords. for Lease, Parcel,	Date	Seed	Number	Survival		Stage 4 Inventory
Licensed Site I.D.	Seeded	Size	Seed		Factor	Price	Inventory Value	Licensed Site I.D.	Seeded	Size	Seeded	Factor	Price	Value
					x x		=					X	X	=
			STAGE 3	INVEN	ITORY TOTAL			STAGE 4 INVENTORY TOTAL						
Stage 1 Invento	ry Value	Stage 2 Inventory	y Value	Stage	3 Inventory Valu	e Stage 4 I	nventory Value	Total Inventory Value Share				Coverage Level Amount of Insurance		
	 		 	L		 +	=	 =	×		X		 =	
						(Enter the		dual or entity and the		ns by stage)				
(CAT ONLY) PRI	EVIOUS YEA	ARS SALES				(Enter the	name of the indivis	vidual or entity and the number of clams by stage)						
										iis by stage)				
I submit this repor I understand and a		the requirements of	f the Cultiv	ated Cla	m Crop Insurance P	rovisions and cer	tify to the best of m	ny knowledge that it i	s correct.					
		in the Cultivate	d Clam C	Crop In	nsurance Provisi	ions and Spe	cial Provisions	of Insurance are	insurable, p	roviding all ap	plicable requ	irements are sat	tisfied. Inde	emnities will be
								s will cause me t						
			revising	my In	ventory Value F	Report down	ward for any re	ason except to	correct cleri	cal errors. If I	under report	my inventory v	alue any ind	demnity will be
prorated by	an under	report factor.												
I have read and un Applicable Certific			ited Clam C	rop Insu	urance Provisions. N	Ny questions hav	e been answered by	my agent to my sati	sfaction. The in	formation I have f	urnished on this f	orm is complete and	accurate.	
Insured's Signat	ure				Date			Representative's	Signature			Date		