



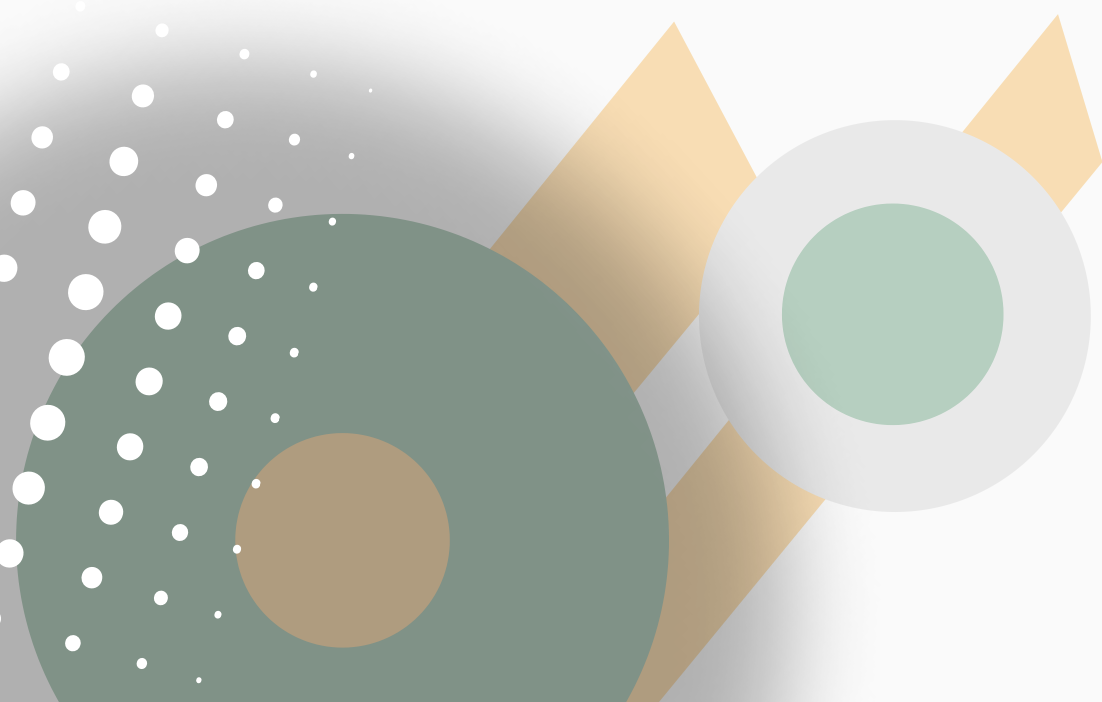
Department of Agriculture
**Bureau of Agriculture and Fisheries
Standards**



ANNUAL REPORT 2023

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MESSAGE

FROM THE SECRETARY



Francisco Tiu Laurel Jr.

Secretary
Department of Agriculture

With gratitude, we present the annual report of the Department of Agriculture - Bureau of Agriculture and Fisheries Standards (DA-BAFS). The DA-BAFS serves as one of the foundations for modernizing agriculture and fishery practices through the implementation of Philippine National Standards (PNS). We expect these standards to help mechanize and modernize production systems while improving post-harvest infrastructures.

We are optimistic that adhering to these standards not only maintains best practices but also ensures the sector's global competitiveness. In fact, PNS-recommended practices can play a crucial role in enhancing post-harvest systems, ensuring agriculture and fishery quality from harvest to market. Compliance with these standards aims to reduce losses, enhance marketability, and increase product value.

Additionally, I am happy to report that DA-BAFS collaborates closely with the DA-Regulatory Agencies in developing science-based regulations. PNS serves as one of the basis for regulatory measures, balancing innovation with food safety, environmental sustainability, and consumer health. By setting minimum requirements, these standards uphold quality and integrity across the agricultural and fishery sector.

Our sincerest gratitude also goes to our stakeholders, partners, and the entire DA-BAFS team for their unwavering support. Together, we look forward to building a future where agriculture and fishery flourish, benefiting every Filipino.

MESSAGE FROM THE DIRECTOR



Karen Kristine Roscom, PFT, PhD

Director IV

It's a great pleasure to present the DA-BAFS 2023 Annual Report, highlighting the significant milestones achieved in our journey towards institutionalizing the use of science-based Philippine National Standards (PNS) in DA regulations and policies on food safety and quality; and mainstreaming innovations to modernize the development and promotion of standards, as well as the implementation of organic agriculture regulations.

I extend my heartfelt congratulations to the dedicated team at DA-BAFS for their outstanding achievements in 2023, in line with our commitments outlined in the BAFS Logical Framework 2023-2028. Each individual's contribution has been instrumental in moving toward success.

Throughout the year, the DA-BAFS grabbed the opportunities to deliver exceptional results for our major targets. As we move forward, I look forward to our ability to adapt and thrive in dynamic environments.

Together, let us continue to strive for greater achievements and impact!

MANDATE

The DA-BAFS, created through Republic Act (RA) No. 8435 (Agriculture and Fisheries Modernization Act of 1997), is mandated **to develop and promote standards to ensure the quality, safety, and global competitiveness of Philippine agricultural and fishery products** (including Halal and organic agriculture) and machinery through **science-based approaches** and consistent with international obligations and commitments.

The Bureau's mandate was further strengthened by **RA No. 10068** (Organic Agriculture Act) (as amended by RA No. 11511), **RA No. 10601** (Agriculture and Fisheries Mechanization [AFMech] Law), **RA No. 10611** (Food Safety Act [FSA] of 2013), and **RA No. 10817** (Philippine Halal Export Development and Promotion Act [PHEDPA] of 2016). Additional regulatory functions of the Bureau concerning organic agriculture were provided under **RA No. 11511**, particularly on issuing accreditation to the participatory guarantee system (PGS) groups.

MISSION

To develop and implement standards and regulations that are science-based, globally harmonized and consistent with international commitments.



VISION

By 2025, the BAFS envisions to be the trusted agency for the development of agricultural and fishery standards within ASEAN, and in the enforcement of the organic agriculture regulations.

QUALITY POLICY

The Bureau of Agriculture and Fisheries Standards (BAFS) of the Department of Agriculture (DA) commits to **develop and implement standards that will ensure food safety and quality, workers' safety and welfare, environmental management, and global competitiveness of Philippine agriculture and fishery products and machinery.**

We commit to **good governance, excellence, professionalism, and continual improvement of the quality management system.**

BAFS

LOGICAL FRAMEWORK

The DA-BAFS Logical Framework is a testament to the **Bureau's commitment** to contribute to the agriculture sector goals of food- and nutrition-secure, resilient Philippines with empowered and prosperous farmers and fisherfolk.

The Logical Framework will **steer and guide** the DA-BAFS Divisions, namely (1) Standards Research Division, (2) Standards Development Division, (3) Technical Services Division, and (4) Organic Agriculture Division in developing and implementing programs/activities/projects that will contribute to the overall goals of the Bureau on ensuring consumer health and safety and global competitiveness of agriculture and fishery products and machinery and infrastructure.

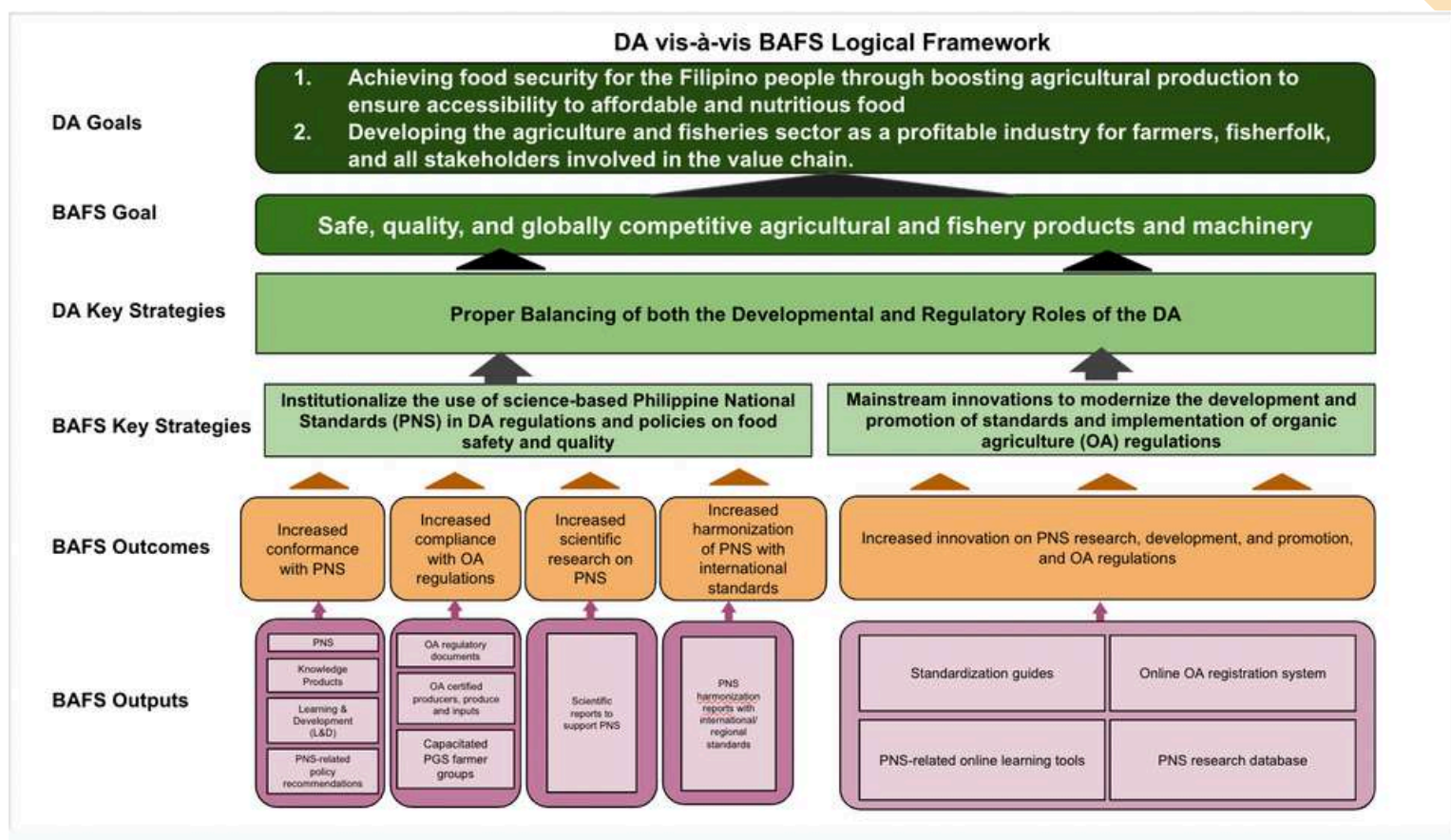
The DA-BAFS Logical Framework **responds** to Chapter 3 (Reduce Vulnerabilities and Protect Purchasing Power) Outcome 2 (Access of Consumers to Affordable, Safe, and Nutritious Food Expanded), and Chapter 5 (Modernize Agriculture and Agribusiness) Outcome of the Philippine Development Plan 2023-2028.

The DA-BAFS recently **updated** its Logical Framework to support the DA'S Para sa Masaganang Bagong Pilipinas: The 3-Year Plan to contribute to DA Strategic Agenda No. 2 and No. 4.



BAFS

LOGICAL FRAMEWORK



DA-BAFS Updated Logical Framework (2024-2028)



DA'S Para sa Masaganang Bagong Pilipinas: The 3-Year Plan

CY 2023

Bureau's major accomplishments:



**DA STRATEGIC AGENDA 2:
ENSURING ACCESSIBILITY
TO AFFORDABLE, SAFE,
AND NUTRITIOUS FOOD
THAT BENEFIT ALL
FILIPINOS**

1. PHILIPPINE NATIONAL STANDARDS (PNS) DEVELOPMENT

BAFS has completed 32 PNS related to livestock and poultry, crops, agriculture and fishery machinery, fisheries, and general food standards. This is equivalent to 160% of the total 20 PNS targets for FY 2023. Figure 1 shows the breakdown of the PNS developed per category.

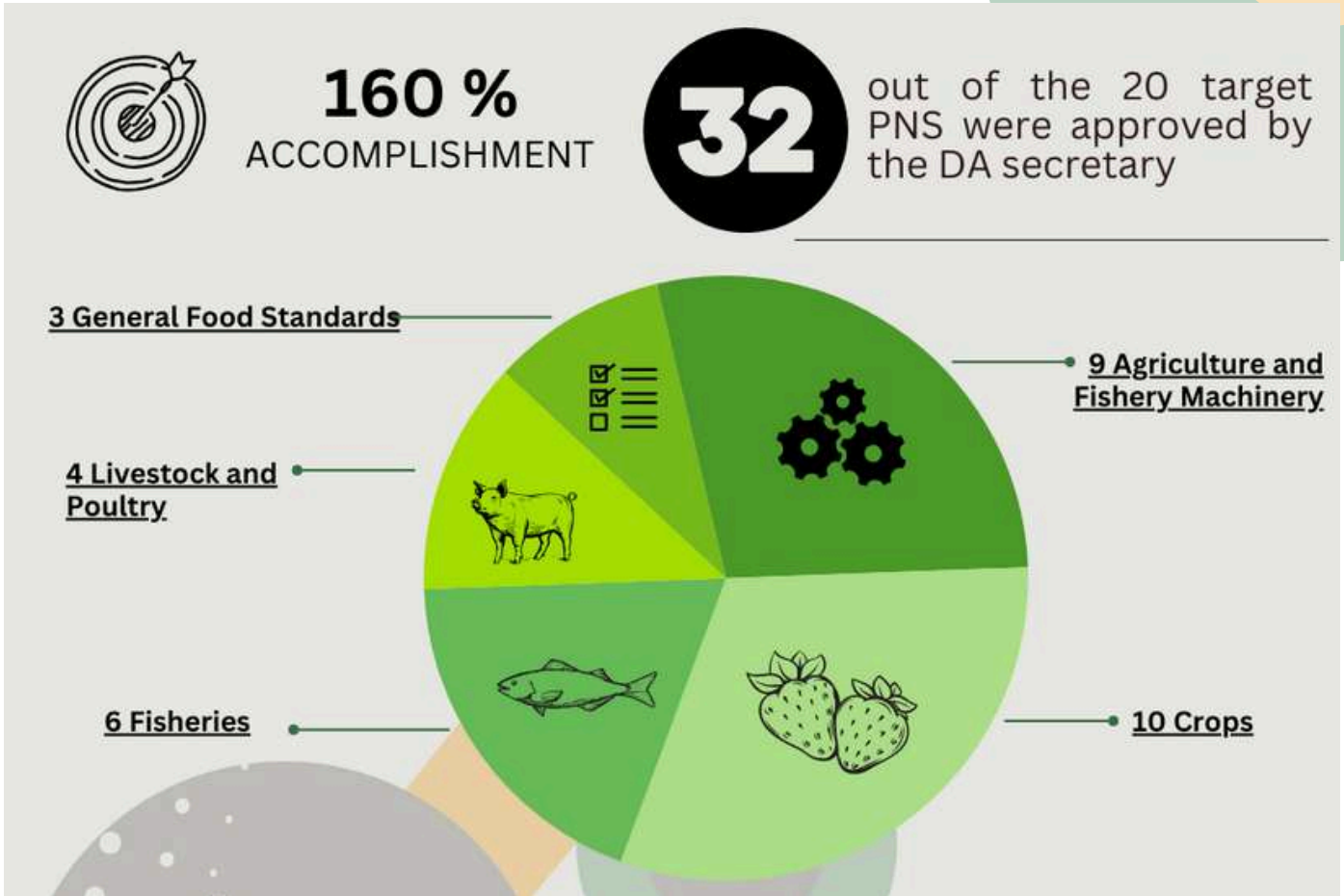


Figure 1. PNS developed in FY 2023 per category

For the first quarter of 2023 BAFS has completed 2 PNS, 9 PNS for the second quarter, 5 PNS for the third quarter, and 16 PNS for the fourth quarter. The complete list of PNS developed for FY 2023 is found in Annex A.

Total PNS Developed

“
378 PNS
 ”



16

Food Safety Standards



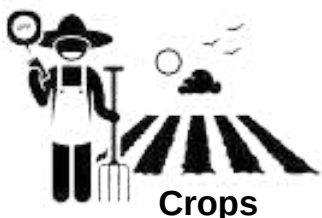
16

Quality Standards



FOOD SAFETY-RELATED PNS

Out of the total 32 PNS, 16 are food safety-related which addresses specific food safety and quality issues. They are as follows:



Crops

Bottle Gourds – Product standard – Grading and Classification

Chinese Cabbages – Product Standard – Grading and Classification

Cabbage – Product Standard – Maximum Residue Limits (MRL) of Pesticides

Corn – Product Standard – Maximum Residue Limit (MRL) of Pesticides

Pineapples – Product Standard – Grading and Classification

Cassava – Product Standard – Maximum Residue Limit (MRL) of Pesticides



General Food Standards

Performance Criteria Methods of Analysis for the Determination of Pesticide Residue in Food and Feed – Guidelines

Design, Operation, Assessment, and Accreditation of Food Import and Export Inspection and Certification Systems – Guidelines

Primary and Postharvest Food and Feed – Product Standard – Microbiological Criteria



Livestock and Poultry

Beef Cattle and Buffalo – Code of Practice – Good Animal Husbandry Practices (GAHP)

Rabbit – Code of Practice (COP) – Good Animal Husbandry Practices (GAHP)



Fisheries

Fresh Chilled and Fresh Frozen Cephalopods – Product Standard

Fresh Chilled and Fresh Frozen Shrimps and Prawns – Product Standard

Live, Fresh Chilled, and Fresh Frozen Crabs – Product Standard

Model Certificate for Fish and Fishery Products – Guidelines

Sensory Evaluation of Fish and Shellfish in Laboratories – Guidelines

2. ORGANIC AGRICULTURE REGULATIONS

2

Third Party OCB

13

Accredited core PGS

5

Continuing accreditation certificates

28

Registration Certificates

6

Certificate of Registration (COR)

9

Certificate of Product Registration (CPR)

Organic Soil Amendments (OSA)

6

Certificate of Registration (COR)

7

Certificate of Product Registration (CPR)

Organic Bio-control Agents (OBCA)

2.1 Accreditation of Organic Certifying Bodies (OCB)

a. Accreditation of Third-Party OCB

For 2023, there are two DA-BAFS-accredited third-party OCB in the Philippines, namely:



1

Control Union Philippines, Inc. (CUPI)

2

Organic Certification Center of the Philippines - Inspection and Certification Services, Inc. (OCCP-ICSI).

b. Accreditation of Core Participatory Guarantee System (PGS) Groups as OCB.

In line with the accreditation of core PGS groups as OCB, the DA-BAFS accomplished the following:

i. Certification of core PGS group farmer-members

As a prerequisite to the accreditation of core PGS groups, the DA-BAFS certifies the five core farmer-members of each core PGS group. As of December 31, 2023, the DA-BAFS certified the farms of the five core farmer-members of 28 core PGS groups, namely:



- Organic Participatory Guarantee System of La Trinidad (OPGSLT)
- Itogon Integrated Organic Farmers Association (IIOFA)
- Montanyosa Organic Agriculture Practitioners Association (MOAPA)
- Atok Organic Practitioners Association, Inc. (ATOPAI)
- Lamut Organic Practitioners Cooperative (LOPRACO)



- Participatory Guarantee System City of San Fernando La Union Philippines, Inc. (PGSCSFLU)



- Nueva Vizcaya PGS, Inc. (NVPGS)



- National Empowerment Development Exchange (NEDEX)



- Batangas Organic and Natural Farming Agriculture Cooperative (BONFAC)

- Tarlac Organic Producers PGS Association, Inc. (TOP PGS Inc.)

- Upland Cavite Farmers Agriculture Cooperative (UPCAFA)



- Palawan Organic Farmers Association (POFA)
- Organico Mindoreños - Magsaysay Chapter (OMMC)
- Aborlan PGS Group (APGSG)



- Pecuaría Development Cooperative (PDC)
- Camarines Norte Federation of Cooperatives (CANOFECO)
- Aborlan PGS Group (APGSG)



- Cabatuan Organic Farmer-Practitioners Association (COFPA)
- Pototan Organic Practitioners' Association (POPA)



- Bohol PGS Association (BPGSA)



- Ormoc Organic Agriculture Development, Inc. (OOADI)
- Alangalang Agripreneurs and Services Farmers Association PGS Group (ALASFA)



- Paggitib PGS Group (PPGSG)



- PGS Tatak Organik Kauswagan Farmers Association (PGS TOKFA)
- Malaybalay City Organic Farmers Association (MACOFA)



- Magsaysay Organic Farmers Agriculture Cooperative (MOFARMCO)

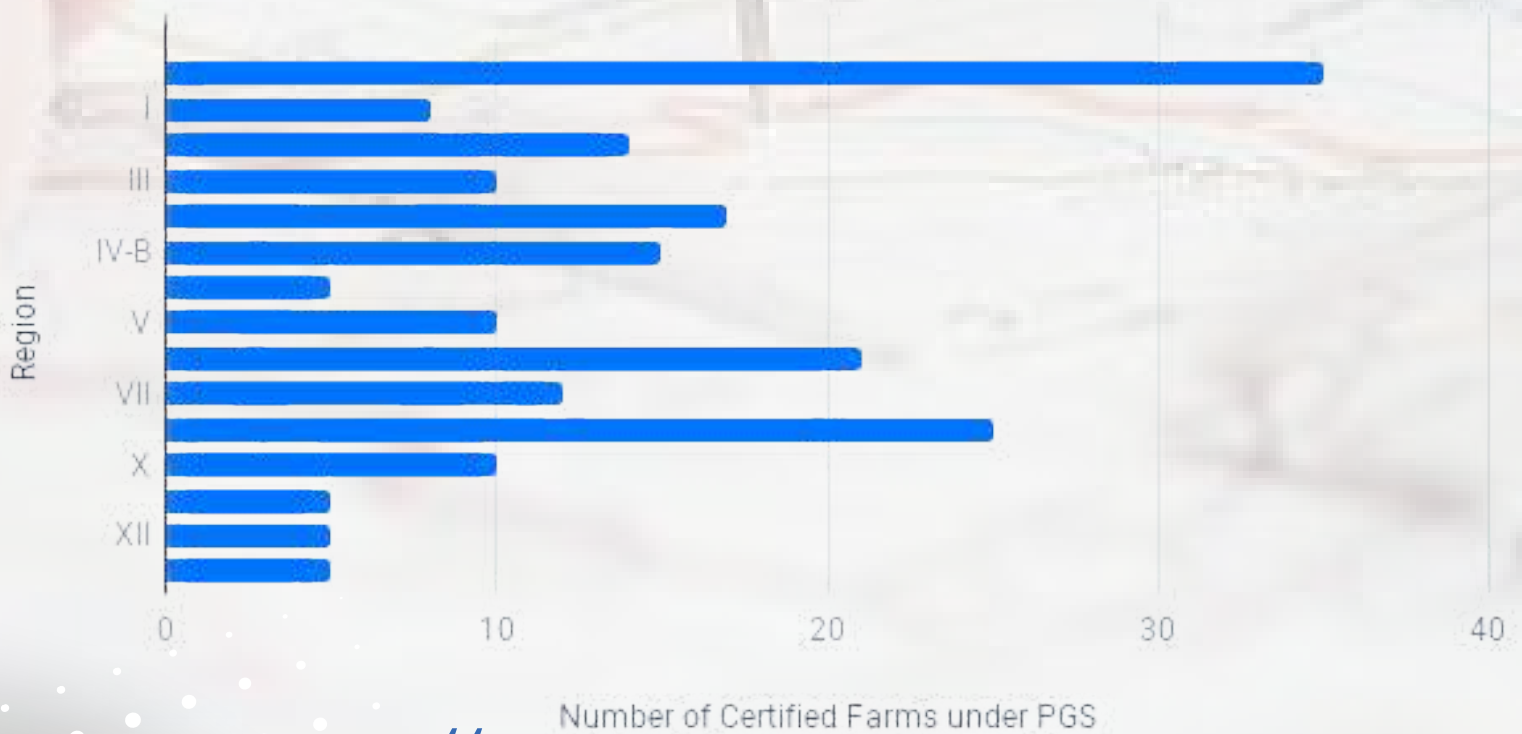


- People's Action for Liberative Agricultural Industry, Inc. (PALAI)



- San Isidro Parish Binucayan Farmers Multi-purpose Cooperative (SIPBAFAMCO) PGS Group

Certified Farms under Participatory Guarantee System per Region as of December 19, 2023



A list of certified farms of farmer-members under PGS for CY 2023 is presented in *Annex B*. The DA-BAFS-issued Participatory Organic Certificate (POC) is valid for three years.

ii. Accreditation of Core PGS Groups as OCB

As of December 31, 2023, the DA-BAFS accredited 13 core PGS groups as OCB, which are as follows:

1. Organic Farmer-Practitioners Association of Bayawan City (OFPRAB)
2. Son of the Living God United Multi-Sectoral Farmers Association (SOULS-FA)
3. Catubig Organic Farmers Association (COFA)
4. Participatory Guarantee System Tatak Organik Kauswagan Farmers Association (PGS TOKFA)
5. Organic Participatory Guarantee System of La Trinidad (OPGSLT)
6. PGS Pangasinan Philippines Inc. (PPPI)
7. Pecuaría Development Cooperative (PDC)
8. National Empowerment Development Exchange (NEDEX), Inc.
9. Malaybalay City Organic Farmers Association - Participatory Guarantee System (MACOFA-PGS)
10. Camarines Norte Federation of Cooperatives (CANOFECO)
11. Pototan Organic Practitioners' Association (POPA)
12. Itogon Integrated Organic Farmers Association (IIOFA)
13. Cabatuan Organic Farmers and Practitioners Association (COFPA)



Meanwhile, as of December 31, 2023, the DA-BAFS has issued continuing accreditation certificates to five accredited core PGS groups as proof of their continued compliance as OCB, which are as follows:

1. Tublay Organic Farming Practitioners Agriculture Cooperative (TOFPA-COOP)
2. One Samar Agro-Organic Practitioners Inc. (ONE-SAOP)
3. Kayapa PGS Group (KPGSG)
4. Aklan Provincial Organic Producers Association (APOPA)
5. Samahan ng Organikong Industriya ng Laguna (SOIL) Agriculture Cooperative



2.2 Issuance of Organic Agriculture Registration Certificates

The DA-BAFS has issued 28 registration certificates for Organic Soil Amendments (OSA) and Organic Bio-control Agents (OBCA). The following are the breakdown of the registration certificates issued:

for Organic Soil Amendments (OSA)

6

Certificate of Registration (COR)

9

Certificate of Product Registration (CPR)



for Organic Bio-control Agents (OBCA)

6

Certificate of Registration (COR)

7

Certificate of Product Registration (CPR)

38

Organic Input
Importation Permits
(OIIP)

Organic Soil
Amendments (OSA)



82,304 liters for liquid



340,370 kilograms for solid

Total of 422,674 kilograms

Organic Bio-control Agents
(OBICA)



97,155 liters for liquid



14,920 kilograms for solid

Total of 112,075 kilograms

12

facilities
monitored by DA-
BAFS

17

products monitored
by DA-BAFS

2.3 Issuance of Organic Agriculture-Related Permits

The DA-BAFS has issued a total of 38 Organic Input Importation Permits (OIIP): 21 for OSA and 17 for OBCA. The following are the breakdown of the OIIP in terms of volume issued by DA-BAFS from January to December 2023:

- a. For OBCA: 97,155 liters for liquid OBCA, and 14,920 kilograms for solid OBCA or a total of 112,075 kg; and
- b. For OSA: 82,304 liters for liquid OSA, and 340,370 kilograms for solid OSA or a total of 422,674 kilograms.

The total organic input products (OSA and OBCA) imported for FY 2023 is 534,749 kilograms.

2.4 Monitoring of Organic Agriculture Facilities

The DA-BAFS has monitored a total of 12 facilities, which is 150% of the total eight targets for FY 2023. The following are the breakdown of the monitored facilities from January to December 2023:



150 %
ACCOMPLISHMENT

12

facilities monitored by
DA-BAFS

Company Name	Scope	Date of Monitoring
Hardin ng Buhay Agricultural Learning Center	Crops	March 30, 2023
DA - Batanes Experiment Station	Crops	April 27, 2023
DA - Southern Cagayan Research Center Annex	Crops	June 7, 2023
DA - Isabela Experiment Station	Livestock	June 8, 2023
DA - Southern Cagayan Research Center Main	Crops	July 18, 2023
DA - Cagayan Valley Research Center	Crops	July 19, 2023
DA - Northern Cagayan Experiment Station	Crops	July 20, 2023
CHEFerd's FarmSweet Nature Farm	Livestock	November 29, 2023
Costales Nature Farm	Crops	November 30, 2023
Gintong Bukid Farm and Leisure	Crops	November 30, 2023
Sweet Nature Farm	Crops	December 1, 2023
Coco-A Vanilla Farm	Crops	December 1, 2023

2.5 Monitoring of Organic Products

The DA-BAFS has monitored a total of 17 products, which is 106.25% of the total 16 targets for FY 2023. The following are the breakdown of the monitored organic products from January to December 2023:



106.25 %

17

products monitored by DA-BAFS

Company Name	Product Name	Scope	Date of Monitoring
1. Arnold and Paz Organic Farm	Arnold and Paz Vermicast	OSA	February 27, 2023
2. Envireau Pacific Incorporated	Vigor Max	OSA	April 12, 2023
3. Eco Kaku Farms Inc.	Shukaku-Riki Power Harvest	OSA	April 13, 2023
4. NS Northern Organic Fertilizer Inc.	Siglat	OSA	April 19, 2023
5. NS Northern Organic Fertilizer Inc.	Multi Green	OSA	April 19, 2023
6. HealthWellnessLifestyle, Inc.	Zymo Biogrow	OSA	May 30, 2023
7. HealthWellnessLifestyle, Inc.	Xymo Biofert	OSA	May 30, 2023
8. HealthWellnessLifestyle, Inc.	Xymo Biotoniq AG	OSA	May 30, 2023
9. HealthWellnessLifestyle, Inc.	Zymo Growell	OSA	May 30, 2023
10. Victory Global Unlimited Systems Inc.	Full Harvest Root and Leaf Fertilizer	OSA	July 31, 2023
11. OneJMR Trading	Omnika	OSA	August 14, 2023
12. JPBYM Organic Feeds Manufacturing	NBEM Bio Activator	OSA	September 11, 2023
13. Sci-Pro International Inc.	Pronto	OSA	September 20, 2023
14. Sci-Pro International Inc.	Perfectose	OSA	September 20, 2023
15. Ahci Laboratories Inc.	Antica	OBCA	September 28, 2023
16. Phoenix Larrrel Agriventures	Pyro Liquid Solution	OSA	October 5, 2023
17. Phoenix Larrrel Agriventures	Envirozone Organic Plant Supplement	OSA	October 5, 2023

3. PNS Promotion

In line with the approved Logical Framework, the Bureau re-aligned its strategies and activities relevant to information dissemination strategies for adopted PNS. From January to December 2023, the Bureau carried out the following activities:

Learning and Development (L&D) activity - webinar



The complete details of the webinars conducted can be found in Annex C.



Episodes aired

AND



Episode 3



Episode 4



Knowledge Products (KP) developed and registered with the National Library of the Philippines (NLP)



PNS/BAFPS 95: 2010

Fresh vegetables Sweet potato Specification

Minimum requirements

- Whole, firm, clean and free from any visible foreign matter,
- and free from visible rots, dead and living insects, mold, and other contaminants
- Have well-developed roots, and
- Roots must have normal appearance and of similar characteristics of the variety

Size classification	Diameter (mm)
Extra large	>90
Large	71-90
Medium	51-70
Small	30-50
Very small	<30

5 POSTERS/INFOGRAPHICS

1. Dried anchovies (PNS/BAFS 176:2016)
2. Quick frozen finfish uneviscerated/eviscerated- Product Standard (PNS/BAFS 71:2021)
3. Fresh Vegetables - Carrots (*Daucus carota* L.) Specification (PNS/BAFPS 38:2006)
4. Fresh Vegetables - Sweet Potato Specification (PNS/BAFPS 95:2010)
5. Fresh-Chilled and Fresh Frozen Small Pelagic Finfishes (PNS/BAFS 205:2017)

Philippine National Standard
Dried Anchovies
PNS/BAFS 176:2016

Defects of Dried Anchovies

Foreign matter any matter that is not derived from anchovies (including packing material) and readily recognized without magnification	Discoloration excessive discoloration not characteristic of the final product
Breakage body parts being broken or torn into two or more pieces in more than 10% of the sample units.	Mold and fungal growth presence of visible mold and fungal growth

PHILIPPINE NATIONAL STANDARD
Quick Frozen Finfish, Uneviscerated and Eviscerated - Product Standard
PNS/BAFS 71:2021

This applies only to species of *Oupelidae*, *Scorpaenidae*, *Scorpaenidae*, *Pomatomidae* and *Coryphaenidae* families.

Hygiene and Handling

The final product shall not contain **histamine** that exceeds 20mg/100g

What is histamine?
It is a biologically active substance that may trigger an allergic reaction on poisoning to consumers.

How does histamine form?
Time and temperature abuse during handling and storage can lead to histamine formation.

Adverse health effect of histamine poisoning
Consumption of spoiled fish, particularly species with a high level of free histamine, will result in **histamine poisoning**, also known as scombroid fish poisoning.

Headache, Cramps, Vomiting, Diarrhea

PNS/BAFPS 38:2006
Fresh vegetables Carrots (*Daucus carota* L.) Specification

Classification

Size classification	Diameter (cm)	Length (cm)
Large	4.0	>18
Medium	3.0	13-14
Small	2.0	9-12
Extra small	-	<9

Classification based on Length (cm)

Small, Medium, Large

Classification based on Diameter (cm)

Small, Medium, Large

PNS/BAFS 205:2017
Fresh-chilled and Fresh-frozen Small Pelagic Finfishes

Round snail, Mackerel, Sardines

Product Description

Fresh-Chilled Small Pelagic Finfish
hygienically handled and chilled at 0-4°C to keep the product fresh.

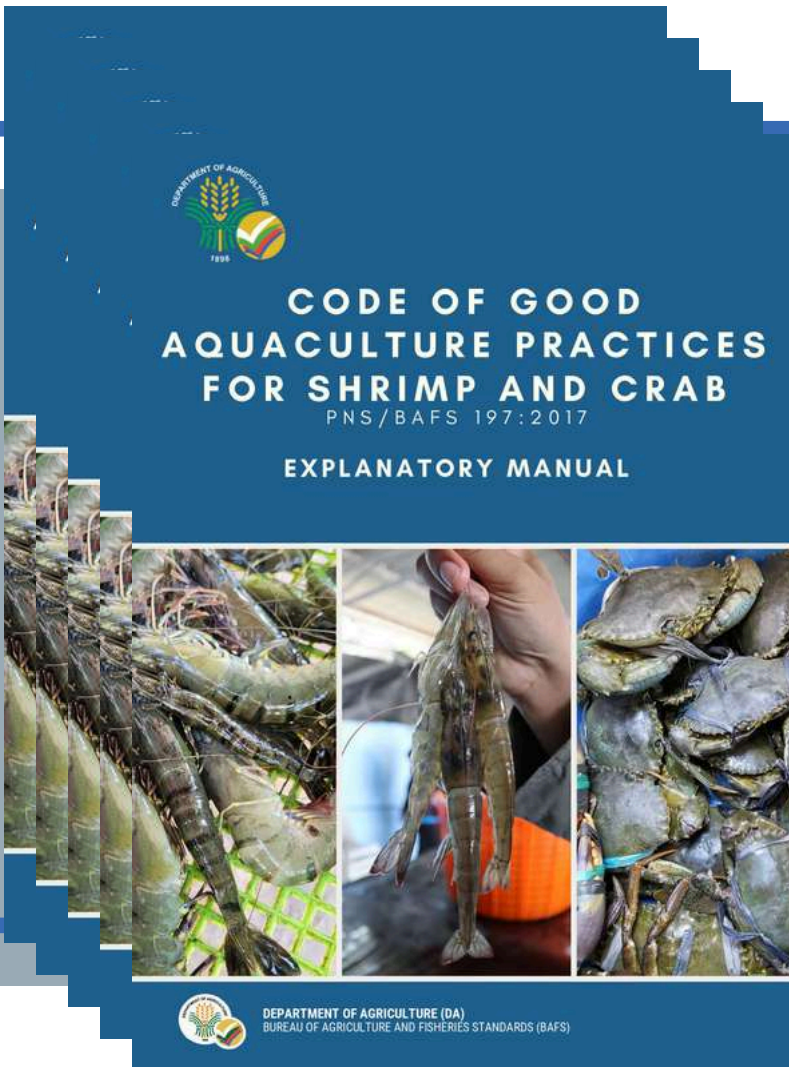
Fresh-Frozen Small Pelagic Finfish
hygienically handled and frozen at -18°C or lower to preserve and maintain its quality.

Potential Hazards in Chilled and Frozen Storage

microbiological contamination Contaminated introduction of bacteria such as <i>Escherichia coli</i> , <i>Shewanella putrefaciens</i> , <i>Vibrio</i> spp., <i>Photobacterium</i> spp. and <i>Serratia</i> spp.	viable parasites Parasite worms that can cause disease to humans.
histamine Substances responsible for the toxicity of fish species.	scombroid Toxins produced due to high level histamine at fish muscle when products are not immediately cooled after catching and retained unchilled state.

EXPLANATORY MANUAL

5



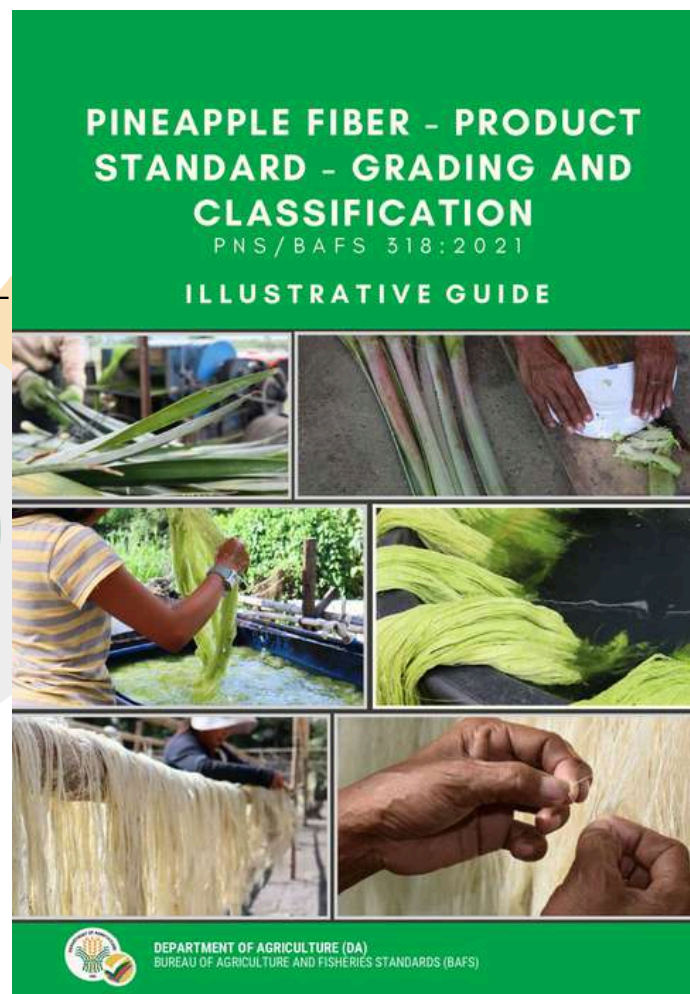
- PNS Organic Milled Rice - Code of Practice -Postproduction
- PNS Code of GAP for Banana Production
- PNS Good Animal Husbandry Practice for Beef Cattle and Buffalo - Codes of Practice
- PNS Good Agricultural Practices (GAP) for Fruits and Vegetable Farming - Code of Practice
- PNS Code of Good Aquaculture Practices (GAqP) for Shrimp and Crab

1 ILLUSTRATIVE GUIDE

1. Illustrative Guide for the PNS Pineapple Fiber - Product Standard - Grading and Classification

ISBN REGISTERED PUBLICATIONS

40 - Philippine National Standard (PNS)
6 - Knowledge Products



ACTIVE ENGAGEMENT IN SOCIAL MEDIA PLATFORMS & BAFS WEBSITE



Website: 237,049 website visitors



Facebook: 8,598 new followers gained



Downloads from Website: 3,894 website information downloads

5

face-to-face seminars were also conducted in collaboration with BPI and NMIS



70

Food Safety Officers (FSO) and Food Safety Inspectors (FSI) Trained

21

Newly hired NMIS meat control officers and meat inspection officers Trained



4. PNS-RELATED RESEARCH

15

SCIENTIFIC REPORTS GENERATED



150 %
ACCOMPLISHMENT

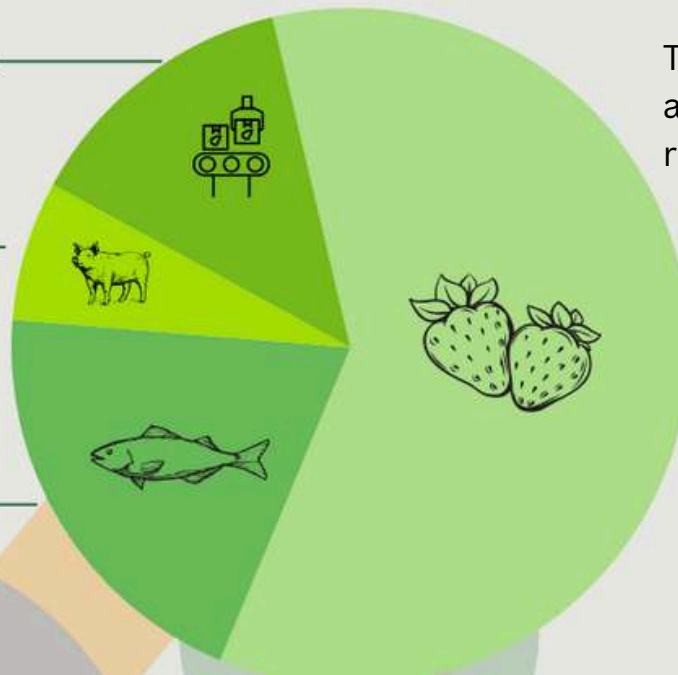
15

scientific reports on food safety and quality

2 Processed food products

1 Livestock and Poultry

3 Fisheries



The breakdown of the accomplished scientific reports includes

9 Crops

Proponents of the scientific reports comprise organizations with international affiliations such as the Southeast Asian Fisheries Development Center (SEAFDEC) and the Codex Committee on Contaminants in Foods (CCCF) Philippines. Additionally, key proponents include various offices under the Department of Agriculture, namely the Office of the Senior Undersecretary, National Food Authority, Fertilizer and Pesticide Authority, Food Safety Regulatory Agencies, Bureau of Animal Industry, and Regional 2 Field Office. The scientific reports supported the BAFS technical divisions, specifically its Standards Development Division for standards development and Technical Services Division for policy recommendation. Details of the reports are found in *Annex D*.

DA STRATEGIC AGENDA 4: INSTITUTIONALIZING POLICY REFORMS AND STRENGTHENING INSTITUTION TO ENHANCE EFFICIENCY AND ACCELERATE THE MODERNIZATION OF THE SECTOR

PNS - RELATED POLICY RECOMMENDATIONS

In support of the Department’s strategic agenda of institutionalizing policy reforms the Bureau crafted twenty-eight

28

position papers, comments and recommendations, and policy recommendations from January to December 2023, the details of which are found in *Annex E*:



PNS/REAFS 288:2019
Good Agricultural Practices
for Natural Rubber

DA PNS Handbook 2023



ANNEX



Annexes

List of PNS Developed for CY 2023

No.	Type	Name of Product Standard	PNS Number	Description
1	Code of Practice	Beef Cattle and Buffalo — Code of Practice (COP) — Good Animal Husbandry Practice (GAHP)	200:2023	This Standard sets out the general principles of good practice and minimum requirements in the commercial or backyard rearing/farming of beef cattle and buffalo for food use. Industry-specific requirements for the different types of animals and different types of production system may be developed provided that it satisfies the minimum requirements set out in this Code.
2	Product Standards	Chinese Cabbage — Product Standard — Grading and Classification	356:2023	This Standard applies to commercial varieties of Chinese cabbages grown from <i>Brassica rapa</i> subsp. <i>pekinensis</i> of the Brassicaceae family, to be supplied fresh to the consumers, after preparation and packaging. Chinese cabbage for industrial processing are excluded.
3	Product Standards	Bottle Gourds — Product Standard — Grading and Classification	357:2023	This Standard applies to commercial varieties of bottle gourds grown from <i>Lagenaria siceraria</i> (Molina) Standl. of the Cucurbitaceae family, to be supplied fresh to the consumer. Bottle gourds for industrial processing are excluded.
4	Product Standards	Egg Incubator — Specifications	358:2023	This Standard specifies the minimum requirements for the fabrication, construction, and performance of egg incubators used for poultry breeding and production.
5	Code of Practice	Egg Incubator — Methods of Test	359:2023	This Standard specifies the methods of test for the egg incubator used in poultry breeding and production. Specifically, it shall be used to: a) Verify the mechanism, main dimensions, materials, accessories of the egg incubator, and the list of specifications submitted by the manufacturer; b) Determine the laboratory and/or performances of the machine; c) Evaluate the ease of handling and safety features; and d) Prepare the report for the results of the tests.
6	Product Standards	Multi-Rotor Remotely Piloted Aircraft-Powered Sprayer — Specifications	360:2023	This Standard specifies the minimum requirements for a multi-rotor remotely piloted aircraft (RPA)-powered sprayer which delivers chemical solutions to be used specifically in the protection and care of agricultural crops.
7	Code of Practice	Multi-Rotor Remotely Piloted Aircraft-Powered Sprayer — Methods of Test	361:2023	This Standard specifies the methods of test and inspection for a multi-rotor remotely piloted aircraft (RPA)-powered sprayer. Specifically, it shall be used to: a) Verify the mechanism, dimensions, materials, accessories of the machine, and the list of specifications submitted by the test applicant; b) Determine the field performance of the RPA-powered sprayer; c) Evaluate the ease of handling and safety features; and d) Prepare the report for the test.
8	Product Standards	Fresh Chilled and Frozen Cephalopods — Product Standard	136:2023	This Standard applies to fresh chilled and fresh frozen cephalopods of the Loliginidae, Sepiidae and Octopodidae families for direct consumption or further processing. This includes but not limited to the species listed in Annex A (Cephalopods species in the Philippines)
9	Product Standards	Fresh Chilled and Fresh Frozen Shrimps and Prawns — Product Standard	70:2023	This Standard applies to fresh chilled or fresh frozen raw shrimps and prawns, which may be whole, deheaded, peeled, peeled and deveined. This document applies to shrimps and prawns of the Penaeidae, Pandalidae, Crangonidae, Palaemonidae families but not limited to the species listed in Annex A (Commercially available shrimps and prawns species in the Philippines).
10	Product Standards	Live, Fresh Chilled and Fresh Frozen Crabs — Product Standard	177:2023	This Standard applies to crabs that are marketed either live, fresh chilled, or fresh frozen. This includes species of mangrove crab (<i>Scylla</i>), christian/crucifix crab (<i>Charybdis</i>), blue swimming/swimmer/flower crab (<i>Portunus</i>) of the Family Portunidae, stone or king crab-related species of the Family Lithodidae and other species of marine and freshwater crabs which are similar in physical structure to the aforementioned.
11	Code of Practice	Biodiversity-Friendly Agricultural Practices (BDFAP) — Code of Practice	362:2023	This Standard describes the requirements for Biodiversity-Friendly Agricultural Practices (BDFAP) for the primary production and postharvest of agricultural and fishery commodities within multiple-use zones and buffer zones of protected areas and wider agricultural landscapes. Likewise, this Standard shall provide guidance on the proper labeling of biodiversity-friendly agricultural products. However, the Standard does not cover procedures for verification, such as inspection or certification of products.

12	Guidelines	Model Certificate for Fish and Fishery Products — Guidelines	363:2023	<p>The model certificates apply to live, fresh chilled, or fresh frozen fish and fishery products presented for trade that meet food safety, quality, and compliance to food production requirements of the importing country and domestic market. Where administratively and economically feasible, certificates may be issued in an electronic format provided that the relevant competent authorities of both the importing and exporting countries are satisfied with the security of the certification system.</p> <p>Certificates should adequately describe one or several lots or batches of product's compliance with regulatory requirements based on regular inspections by the inspection service. Additional examinations, analytical results, evaluation of quality assurance procedures or product specifications may also be attested to.</p> <p>These guidelines were adopted from CAC/GL 48-2004 (Model certificate for fish and fishery products) with some modification to consider the conditions in the Philippines. Any modifications from the original Codex document to consider the conditions in the Philippines are written in italicized text for distinction.</p>
13	Product Standards	Biogas System — Specifications — Wet Anaerobic Digestion Process	364:2023	<p>This Standard specifies the minimum requirements for the design, construction, components, safety, and operation and maintenance of a biogas system. This applies to household and non-household biogas systems and facilities utilizing agricultural, fishery and agro-industrial wastes through a wet anaerobic digestion process. All biogas systems covered by Philippine Agricultural Engineering Standards (PAES) 41 413:2001 (Agricultural structures - Biogas plant) are not included in this Standard</p>
14	Product Standards	Cabbage — Product Standard — Maximum Residue Limits (MRL) of Pesticides	365:2023	<p>This Standard covers the maximum residue limits (MRL) of pesticides established for commercial varieties of cabbage grown from <i>Brassica oleraceae capita</i> L. of the Cruciferae family</p>
15	Product Standards	Corn — Product Standard — Maximum Residue Limits (MRL) of Pesticides	366:2023	<p>This Standard covers the maximum residue limits (MRL) of pesticides established for commercial varieties of <i>Zea mays</i> L. of the Gramineae family</p>
16	Guidelines	Performance Criteria for Methods of Analysis for the Determination of Pesticide Residues in Food and Feed — Guidelines	367:2023	<p>The purpose of these guidelines is to define and describe the performance criteria, which should be met by methods to analyze pesticide residues in primary and postharvest foods and feed (hereafter referred to as food). It addresses the characteristics/parameters to provide scientifically acceptable confidence in the analytical method that is fit for the intended use and may be used to reliably evaluate pesticide residues for either domestic monitoring and/or international trade.</p> <p>This document is applicable to both single residue methods and multi-residue methods that analyze target compounds in all food commodities per the residue definition.</p> <p>These guidelines cover qualitative and quantitative analyses, each having their own method performance criteria. Performance criteria of methods for analyte identification and confirmation are also addressed.</p> <p>These guidelines were adopted from CXG 90-2017 (Guidelines for the performance criteria for methods of analysis for the determination of pesticide residues in food and feed) with some modification to consider the conditions in the Philippines.</p>
17	Code of Practice	Design, Operation, Assessment, and Accreditation of Food Import and Export Inspection and Certification Systems — Guidelines	368:2023	<p>These guidelines provide a framework for the development of import and export inspection and certification systems consistent with CXG 20-1995 (Principles for food import and export inspection and certification). They are intended to assist competent authorities in the application of requirements and the determination of equivalency, thereby protecting consumers and facilitating the trade of primary and postharvest foods.</p>
18	Product Standards	Natural Rubber — Code of Practice (COP) — Good Agricultural Practices (GAP)	286:2023	<p>These guidelines provide a framework for the development of import and export inspection and certification systems consistent with CXG 20-1995 (Principles for food import and export inspection and certification). They are intended to assist competent authorities in the application of requirements and the determination of equivalency, thereby protecting consumers and facilitating the trade of primary and postharvest foods.</p>
19	Product Standards	Cassava — Product Standard — Maximum Residue Limits (MRL) of Pesticides	369:2023	<p>This Standard covers the recommended practices for primary production, harvesting, postharvest, on-farm processing, handling, transport, and storage from field latex to cuplump. The provisions of this document address the quality of the produce, the worker's health, safety, and welfare, and environmental management.</p>

				This Standard does not provide recommendations for semi-processed rubber, such as Technically Specified Rubber, centrifuge latex, and the manufacturing of natural rubber into consumer and industrial products.
20	Product Standards	Pineapples — Product Standard — Grading and Classification	09:2023	This standard covers the maximum residue limits (MRL) of pesticides established for commercial varieties of cassava grown from <i>Mahilot esculenta</i> L. of the Euphorbiaceae family.
21	Code of Practice	Organic Poultry — Code of Practice (COP)	370:2023	This Standard applies to commercial varieties of pineapples grown from <i>Ananas comosus</i> (L.) Merr., of the consumer, after preparation and packaging. Pineapples for industrial processing are excluded.
22	Code of Practice	Organic Swine — Code of Practice (COP)	371:2023	This Standard establishes the recommended practices for the organic production of poultry including transport, slaughter, packaging, and labeling to ensure organic integrity.
23	Code of Practice	Organic Aquaculture — Code of Practice	112:2023	This Standard provides the recommended practices for the management and operation of organic aquaculture in different aquatic environments (fresh, brackish, and marine) from pre-production, primary production, postharvest stages, processing, storage, transport, and labeling of fish and fishery products to ensure organic integrity.
24	Product Standards	Green Coffee Bean (GCB) Roaster — Specifications	214:2023	This Standard specifies the manufacturing, performance, and other requirements for green coffee bean (GCB) roasters driven by an electric motor or an engine with liquefied petroleum gas (LPG), electric heating element or diesel as heat sources. GCB roasters utilizing renewable energy are also covered by this Standard.
25	Code of Practice	Green Coffee Bean (GCB) Roaster — Methods of Test	215:2023	This Standard specifies the methods of test for green coffee bean (GCB) roasters driven by an electric motor or an engine with liquefied petroleum gas (LPG), electric heating element or diesel as heat sources. GCB roasters utilizing renewable energy are also covered by this Standard. Specifically, it shall be used to: <ul style="list-style-type: none"> a) Verify the mechanism, main dimensions, materials, accessories of the GCB roaster, and the list of specifications submitted by the manufacturer; b) Determine the performance of the machine; c) Evaluate the ease of handling and safety features; and d) Report the results of the tests.
26	Product Standards	Primary and Postharvest Food and Feed — Product Standard — Microbiological Criteria	372:2023	This Standard contains the main principles in dealing with microbiological hazards in food and feed and the lists of microbiological criteria which are recommended by different international standard organization bodies and adopted by the Philippines to be applied in all primary and postharvest agriculture and fishery commodities applicable for consumption and in trade. <p>The microbiological criteria in this Standard can be applied, but are not limited to, to the following:</p> <ul style="list-style-type: none"> a) Bacteria; b) Viruses; and c) Protozoa.
27	Product Standards	Sensory Evaluation of Fish and Shellfish in Laboratories — Guidelines	373:2023	The guidelines are intended to be used by analysts <i>in the laboratory who need to apply sensory evaluation methods not normally done by analysts in the field to determine the sensory attributes of raw, fresh chilled or fresh frozen fish and shellfish.</i> Technical information on the laboratory facilities used for the analyses and training of analysts are also provided. <p>The objective of the guidelines is to ensure uniformity of application of standards by making recommendations for inspection purposes concerning the procedures and facilities in sensory <i>evaluation.</i></p> <p><i>These guidelines were adopted from CAC/GL 31-1999 (Codex guidelines for the sensory evaluation of fish and shellfish in laboratories) with some modification to consider the conditions in the Philippines. Any modifications from the original Codex document to consider the conditions in the Philippines are written in italicized text for distinction.</i></p>
28	Code of Practice	Rabbit — Code of Practice (COP) — Good Animal Husbandry Practices (GAHP)	374:2023	This Standard sets out the general principles of good practice and minimum requirements in the production of rabbits for breeding and human consumption.
29	Product Standards	Agricultural Power Sprayer — Specifications	375:2023	This Standard specifies the minimum requirements for manufacturing and performance of an agricultural power sprayer (APS) which delivers liquid such as chemical solution and/or water to be used specifically for agricultural crop protection.

30	Code of Practice	Agricultural Power Sprayer — Methods of Test	376:2023	<p>This Standard specifies the methods of test and inspection for agricultural power sprayer (APS). Specifically, it shall be used to:</p> <p>a) Verify the mechanism, main dimensions, materials, accessories of APS, and the list of specifications submitted by the test applicant;</p> <p>b) Determine the laboratory and/or performances of the machine;</p> <p>c) Evaluate the ease of handling and safety features; and</p> <p>d) Prepare the test report.</p>
31	Product Standards	Organic Bio-Control Agents (OBCA) — Product Standard — Specifications	182:2023	<p>This Standard covers the minimum requirements for Organic Bio-Control Agents (OBCA) specifically microbial control agents (microbials) and botanical pesticides (botanicals) for organic crop production and postharvest management. This Standard is not applicable to Bio-Control Agents (BCA) under categories of macrobials, semiochemicals, and BCA for organic livestock and poultry production.</p>
32	Product Standards	Organic Soil Amendments and Plant Supplements (OSAPS) — Product Standard — Specifications	183:2023	<p>This Standard applies to organic fertilizers, organic soil conditioners, microbial inoculants, and organic plant supplements. The emphasis on how to minimize contamination from microbiological, physical, and chemical hazards is in accordance with the relevant provisions under the PNS/BAFS 291:2019 (Code of practice for the production of organic soil amendments).</p>

ANNEX B
List of Certified Farmer-Members under PGS

No	Region	Name of Farmer-member	Farm Address	Scope	Commodities	Core PGS Group
1	CAR	Alfonso, Gabino O.	Shilan, La Trinidad, Benguet	CP	Vegetable crops, legumes, culinary herbs/medicinal plants, fruit trees/crops	Organic Participatory Guarantee System of La Trinidad (OPGSLT)
2	CAR	Ciano, Maribel L.	Shilan, La Trinidad, Benguet	CP; AP	Vegetable crops, legumes, chicken (live and table eggs)	Organic Participatory Guarantee System of La Trinidad (OPGSLT)
3	CAR	Gabriel, Lorena B.	Ambiong, La Trinidad, Benguet	CP	Vegetable crops, Legumes, culinary herbs/medicinal crops, Root crops	Organic Participatory Guarantee System of La Trinidad (OPGSLT)
4	CAR	Kudan, Danilo G., Jr.	Taloy Norte, Tuba, Benguet	CP	Vegetable crops, legumes, culinary herbs/medicinal crops, fruit trees/crops, root crops	Organic Participatory Guarantee System of La Trinidad (OPGSLT)
5	CAR	Tacdoy, Roxanne A.	Wangal, La Trinidad, Benguet	CP	Vegetable crops, Legumes, Culinary Herbs/Medicinal crops, root crops	Organic Participatory Guarantee System of La Trinidad (OPGSLT)
6	X	Jubas, Peter M.	Upper Bagumbayan, Kauswagan, Lanao del Norte	CP	Vegetable crops, legumes, fruit trees/crops, root crops	Participatory Guarantee System Tatak Organik Kauswagan Farmers Association (PGS TOKFA)
7	X	Molijon, Rey P.	Kawit Occidental, Kauswagan, Lanao del Norte	CP	Vegetable crops, legumes, fruit trees/crops, root crops	Participatory Guarantee System Tatak Organik Kauswagan Farmers Association (PGS TOKFA)
8	X	Escalicas, Rene M.	Paiton, Kauswagan, Lanao del Norte	CP; AP	Vegetable crops, legumes, fruit trees/crops, chicken, goat	Participatory Guarantee System Tatak Organik Kauswagan Farmers Association (PGS TOKFA)
9	X	Pendato, Sacar P.	Paiton, Kauswagan, Lanao del Norte	CP	Vegetable crops, legumes, fruit trees/crops, root crops	Participatory Guarantee System Tatak Organik Kauswagan Farmers Association (PGS TOKFA)
10	X	Rama, Mayflor D.	Upper Libertad, Kauswagan, Lanao del Norte	CP; AP	Vegetable crops, Legumes, root crops, chicken, goat	Participatory Guarantee System Tatak Organik Kauswagan Farmers Association (PGS TOKFA)
11	VI	Amular, Jose S., Jr.	Poblacion, Cabatuan, Iloilo	CP	Vegetable crops, herbs, spices, plantation crops, fruit crops	Cabatuan Organic Farmers and Practitioners Association (COFA)
12	VI	Gulmayo, Alberto C.	Pagotpot, Cabatuan, Iloilo	CP; AP	Fruit crops, vegetable crops, cattle	Cabatuan Organic Farmers and Practitioners Association (COFPA)
13	VI	Palmon, Norway M.	Tinio-an, Cabatuan, Iloilo	AP	Swine (live), Chicken (live, table eggs)	Cabatuan Organic Farmers and Practitioners Association (COFPA)
14	VI	Preter, Crispin A.	Inaca, Cabatuan, Iloilo	CP	Vegetable crops	Cabatuan Organic Farmers and Practitioners Association (COFPA)
15	VI	Zaragosa, Lucila S.	Lag-an, Cabatuan, Iloilo	CP	Vegetable crops, fruit crops, herbs	Cabatuan Organic Farmers and Practitioners Association (COFPA)
16	VI	Borcelo, Juliene A.	Zone IV Ilaya St., Cabatuan, Iloilo	MP	Oyster mushroom	Cabatuan Organic Farmers and Practitioners Association (COFPA)
17	VI	Borra, Ma. Irina F.	Lay-ahan, Pototan, Iloilo	SP-MP	Mushroom	Pototan Organic Practitioners' Association (POPA)
18	VI	Daria, Celestino Q.	Capul-an, Mina, Iloilo	CP	Fruit crops, rootcrops	Pototan Organic Practitioners' Association (POPA)
19	VI	Genecela, John Gerald Q.	Lay-ahan, Pototan, Iloilo	CP	Fruit crops, vegetable crops	Pototan Organic Practitioners' Association (POPA)
20	VI	Hugo, Dan Rae J.	Jebioc, Pototan, Iloilo	CP	Fruit crops, rootcrops, vegetable crops	Pototan Organic Practitioners' Association (POPA)
21	VI	Pudadera, Alex G.	Purog, Pototan, Iloilo	CP; AP	Paddy rice, Native swine (live)	Pototan Organic Practitioners' Association (POPA)
22	CAR	Casilla, Romeo DR.	Tuding, Itogon, Benguet	CP	Vegetable crops, Legumes, Root crops, Coffee	Itogon Integrated Organic Farmers Association (IIOFA)
23	CAR	Copero, Nector M.	Gumatdang, Itogon, Benguet	CP	Vegetable crops, Legumes, Root crops	Itogon Integrated Organic Farmers Association (IIOFA)
24	CAR	Fianza, Mildred S.	Tinongdan, Itogon, Benguet	CP	Vegetable crops, Legumes, Fruit crops	Itogon Integrated Organic Farmers Association (IIOFA)
25	CAR	Lasdacan, Jocelyn V.	Poblacion, Itogon, Benguet	CP; AP	Vegetable crops, Legumes, Root crops, Fruit crops, Turkey (live), Sheep (live)	Itogon Integrated Organic Farmers Association (IIOFA)

26	CAR	Peningeo, Marilyn R.	Poblacion, Itogon, Benguet	CP; AP	Vegetable crops, Root crops, Fruit Crops, Native Swine (live)	Itoyon Integrated Organic Farmers Association (IIOFA)
27	III	Custodio, Anastacia G.	Gen. Luna, Llanera, Nueva Ecija	SP-MP	Oyster mushroom	National Empowerment Development Exchange (NEDEX), Inc.
28	III	Joson, Vilma B.	Ilog Baliuag, Quezon, Nueva Ecija	CP; Pr	Paddy rice, Milled rice	National Empowerment Development Exchange (NEDEX), Inc.
29	III	Nacpil, Victorio Fernando D.	Aulo, Palayan City, Nueva Ecija	CP; AP	Vegetable crops, Chicken (fertile eggs)	National Empowerment Development Exchange (NEDEX), Inc.
30	III	Ramos, Benny P.	Mahipon, Gapan City, Nueva Ecija	CP	Vegetable crops, legumes, culinary hers/medicinal crops, Root crops, Fruit trees	National Empowerment Development Exchange (NEDEX), Inc.
31	III	Ramos, Reynaldo	Callos, Peñaranda, Nueva Ecija	Aq	Tilapia	National Empowerment Development Exchange (NEDEX), Inc.
32	X	Ampalaya, Everly G.	P-4 Sinangjanan, Malaybalay City, Bukidnon	CP; Pr	Paddy rice, Milled rice	Malaybalay City Organic Farmers Association (MACOFA)
33	X	Engallado, Fatima E.	Tongan-tongan, Valencia City, Bukidnon	CP; AP; Pr	Paddy rice, Milled rice, Native chicken (live)	Malaybalay City Organic Farmers Association (MACOFA)
34	X	Garrucho, Melanie P.	Tongan-tongan, Valencia City, Bukidnon	CP	Herbs	Malaybalay City Organic Farmers Association (MACOFA)
35	X	Lomarda, Reynaldo Gil G.	Brgy. 11, Malaybalay City, Bukidnon	CP	Legumes, herbs, and spices	Malaybalay City Organic Farmers Association (MACOFA)
36	X	Malatamban, Francis B.	Simaya, Malaybalay City, Bukidnon	CP; Pr	Paddy rice, Milled rice	Malaybalay City Organic Farmers Association (MACOFA)
37	XII	Dayos, Emelio B.	Sajaneba, Sto. Niño, South Cotabato	CP; Pr	Paddy rice, milled rice	People's Action for Liberative Agricultural Industry, Inc. (PALAI INC.)
38	XII	Kapunan, Jethel J.	San Vicente, Sto. Niño, South Cotabato	CP; Pr	Paddy rice, milled rice	People's Action for Liberative Agricultural Industry, Inc. (PALAI INC.)
39	XII	Palero, Pacifico M., Jr.	Sajaneba, Sto. Niño, South Cotabato	CP; Pr	Paddy rice, Milled rice	People's Action for Liberative Agricultural Industry, Inc. (PALAI INC.)
40	XII	Perida, Aquino P.	Sajaneba, Sto. Niño, South Cotabato	CP; Pr	Paddy rice, Milled rice	People's Action for Liberative Agricultural Industry, Inc. (PALAI INC.)
41	XII	Recidoro, Marlon S.	Poblacion, Sto. Niño, South Cotabato	AP	Dairy buffalo, goat	People's Action for Liberative Agricultural Industry, Inc. (PALAI INC.)
42	VII	Balag, Jomer M.	Cambacay, Batuan, Bohol	CP; BK	Vegetable crops, fruit crops, plantation crops, root crops, herbs, honey, colony	Bohol Participatory Guarantee System Association (BPGSA)
43	VII	Denque, Rona C.	Sambog, Corella, Bohol	SP-MP	Mushroom	Bohol Participatory Guarantee System Association (BPGSA)
44	VII	Escalona, Marilou M.	Bingag, Dauis, Bohol	CP; AP	Vegetable crops, goat (live)	Bohol Participatory Guarantee System Association (BPGSA)
45	VII	Gamonez, Emmanuel A.	San Roque, Balilihan, Bohol	CP; Pr; AI-OSA	Paddy rice, vegetable crops, fruit crops, herbs, root crops, milled rice, organic soil amendment (organic plant supplement)	Bohol Participatory Guarantee System Association (BPGSA)
46	VII	Holt, Efrencia C.	Cabayugan, Calape, Bohol	CP; Pr	Plantation crops, fruit crops, chocolate, tablea	Bohol Participatory Guarantee System Association (BPGSA)
47	V	Bailber, Jayson B.	Lanipga, Bula, Camarines Sur	CP; Pr	Paddy rice, milled rice	Pecuaría Development Cooperative (PDC)
48	V	Beriña, Aniebeth T.	Sagrada, Pili, Camarines Sur	CP; Pr	Paddy rice, milled rice	Pecuaría Development Cooperative (PDC)
49	V	Cortez, Aldrin M.	Sta. Elena, Bula, Camarines Sur	AP	Pekin ducks (table eggs)	Pecuaría Development Cooperative (PDC)
50	V	Pesebre, Franco G.	San Vicente, Bato, Camarines Sur	CP; Pr	Paddy rice, milled rice	Pecuaría Development Cooperative (PDC)
51	V	Tabarangao, Archie B.	Lanipga, Bula, Camarines Sur	CP; Pr	Paddy rice, adlai, milled rice, milled adlai	Pecuaría Development Cooperative (PDC)
52	V	Abordo, Adrian B.	San Francisco, Talisay, Camarines Norte	CP	Vegetable crops, Legumes	Camarines Norte Federation of Cooperatives (CANOFECO)
53	V	Español, Jovie B.	Guisican, Labo, Camarines Norte	CP	Paddy rice	Camarines Norte Federation of Cooperatives (CANOFECO)

54	V	Llander, Abel V.	Sto. Domingo, Vinzons, Camarines Norte	CP; AP; Pr	Vegetable crops, Legumes, Paddy rice, table eggs (chicken), meat (turkey), live animals (chicken, sheep, goat), milled rice	Camarines Norte Federation of Cooperatives (CANOFECO)
55	V	Palma, Concepcion S.	Fabrica, San Vicente, Camarines Norte	CP; Pr	Vegetable crops, Legumes, Paddy rice, Milled rice	Camarines Norte Federation of Cooperatives (CANOFECO)
56	V	Velasco, Felicisima M.	Sta. Cruz, Talisay, Camarines Norte	CP; Pr	Vegetable crops, Legumes, Paddy rice, Milled rice	Camarines Norte Federation of Cooperatives (CANOFECO)
57	VIII	Bumagat (Ret.), Col. Troy D.	Montebello, Kananga, Leyte	CP, AP, OSA	Root crops, legumes, corn, swine (live), organic soil amendment (Brand: TQ Plus Vermicasts Organic Plant Supplement)	Ormoc Organic Agriculture Development Inc. (OOADI)
58	VIII	Cabiling, Conceso C.	Nueva Sociedad, Ormoc City, Leyte	AP	Swine (live)	Ormoc Organic Agriculture Development Inc. (OOADI)
59	VIII	Quiros, Wenceslao M.	Mas-in, Ormoc City, Leyte	CP; Pr	Paddy rice, fruit crops, plantation crops, milled rice	Ormoc Organic Agriculture Development Inc. (OOADI)
60	VIII	Rama, Rechele B.	San Jose, Ormoc City, Leyte	CP	Plantation crops, fruit crops, vegetable crops	Ormoc Organic Agriculture Development Inc. (OOADI)
61	VIII	Tan, Marilyn T.	Guintiguil-an, Ormoc City, Leyte	CP	Rice seeds, vegetable crops	Ormoc Organic Agriculture Development Inc. (OOADI)
62	IV-A	Briones, Aida C.	Kinalaglagan, Mataasnakahoy, Batangas	CP	Root crops, Fruit crops, Vegetable crops, Herbs, Ornamentals, Essences, Medicinal Crops, Plantation Crops, Forage	Batangas Organic and Natural Farming Agriculture Cooperative (BONFAC)
63	IV-A	Iglesias, Mark Dexter O.	San Fernando, Malvar, Batangas	CP; AP	Fruit crops, Plantation crops, Vegetable crops, Root crops, Herbs, Goat (live)	Batangas Organic and Natural Farming Agriculture Cooperative (BONFAC)
64	IV-A	Ilgan, Reynald B.	Rizal, Bauan, Batangas	CP; AP	Fruit Crops, Plantation Crops, Culinary Spice, Root Crops, Forage, Swine (live), Sheep (live)	Batangas Organic and Natural Farming Agriculture Cooperative (BONFAC)
65	IV-A	Malibiran, Emmanuel Carlos R.	San Miguel, Padre Garcia, Batangas	CP	Vegetable crops, Legumes, Culinary Herbs, Fruit Crops, Medicinal Crop	Batangas Organic and Natural Farming Agriculture Cooperative (BONFAC)
66	IV-A	Mangmang, Judit A.	Aya, San Jose, Batangas	CP	Vegetable crops, Legumes, Fruit Crops, Herbs	Batangas Organic and Natural Farming Agriculture Cooperative (BONFAC)
67	III	Bucad, Homer C.	Bularit, Gerona, Tarlac	CP; AP; Pr	Paddy rice, Live animals (duck, chicken), milled rice	Tarlac Organic Producers (TOP) PGS Association, Inc.
68	III	Garma, Tomy C.	Gossood, Mayantoc, Tarlac	CP; Pr	Paddy rice, Milled rice	Tarlac Organic Producers (TOP) PGS Association, Inc.
69	III	Ramos, Eddie S.	Gulteb, Ramos, Tarlac	CP; PF	Fruit trees, Tea	Tarlac Organic Producers (TOP) PGS Association, Inc.
70	III	Tolentino, Emma V.	Bulo, Victoria, Tarlac	CP; CP-SP	Paddy rice and Fruit trees	Tarlac Organic Producers (TOP) PGS Association, Inc.
71	III	Vallejos, Arnel C.	Maluac, Moncada, Tarlac	MP	Oyster mushroom, Volvariella mushroom	Tarlac Organic Producers (TOP) PGS Association, Inc.
72	CAR	Anaban, Pongawi D.	Ankileng, Sagada, Mountain Province	CP	Vegetable crops, Legumes, Rootcrops and Fruit Crops	Montanyosa Organic Agriculture Practitioners Association (MOAPA)
73	CAR	Banwa, Agnes C.	Monamon Norte, Bauko, Mountain Province	CP	Vegetable crops, Legumes, Rootcrops and Culinary Herbs/Spices	Montanyosa Organic Agriculture Practitioners Association (MOAPA)
74	CAR	Oviedo, Genoviva P.	Monamon Norte, Bauko, Mountain Province	CP	Vegetable crops, Legumes, Rootcrops and Culinary Herbs/Spices	Montanyosa Organic Agriculture Practitioners Association (MOAPA)
75	CAR	Pekas, Safe B.	Kin-iway, Besao, Mountain Province	CP; AP	Vegetable crops, Legumes, Rootcrops, Culinary Herbs/Spices, fruit Crops, Live animals and meat (Native chicken, Muscovy duck and Native Swine)	Montanyosa Organic Agriculture Practitioners Association (MOAPA)
76	CAR	Tomeg, Mary M.	Bangaan, Sagada, Mountain Province	CP; Pr	Vegetable crops, Legumes, Rootcrops, Culinary Herbs/Spices, Coffee and Parchment coffee	Montanyosa Organic Agriculture Practitioners Association (MOAPA)
77	IV-B	Alba, Reny E.	Isugod, Quezon, Palawan	CP	Paddy rice and Rice seeds	Palawan Organic Farmers Association (POFA) Municipal PGS Group
78	IV-B	Estanque, Joel M.	Isugod, Quezon, Palawan	AP	Goat (live)	Palawan Organic Farmers Association (POFA) Municipal PGS Group
79	IV-B	Jalbuena, Edwin C.	Isugod, Quezon, Palawan	CP	Paddy rice	Palawan Organic Farmers Association (POFA) Municipal PGS Group
80	IV-B	Naculangga, Randy R.	isugod, Quezon, Palawan	CP	Paddy rice	Palawan Organic Farmers Association (POFA) Municipal PGS Group
81	IV-B	Raya, Rex S.	isugod, Quezon, Palawan	CP	Paddy rice and Rice seeds	Palawan Organic Farmers Association (POFA) Municipal PGS Group

82	VI	Abarillo, Wennie A.	Taloc, Bago City, Negros Occidental	CP	Paddy rice	Negros Island Organic Producers Association (NIOPA)
83	VI	Buerom, Butz D.	Bacong, Bago City, Negros Occidental	AP	Chicken (Live and table eggs)	Negros Island Organic Producers Association (NIOPA)
84	VI	dela Torre, Arsenio B.	Tabunan, Bago City, Negros Occidental	CP	Paddy rice	Negros Island Organic Producers Association (NIOPA)
85	VI	Dionson, Jerry A.	Tabunan, Bago City, Negros Occidental	CP	Paddy rice	Negros Island Organic Producers Association (NIOPA)
86	VI	Senoro, Almario T.	Malingin, Bago City, Negros Occidental	CP	Vegetable crops	Negros Island Organic Producers Association (NIOPA)
87	IV-B	Busto, Donato B., Jr.	Poblacion, Magsaysay, Occidental Mindoro	CP; Pr	Paddy rice, Legumes and Milled rice	Organico Mindoreños Magsaysay Chapter (OMMC)
88	IV-B	Galac, Glicería V.	Nicolas, Magsaysay, Occidental Mindoro	CP; Pr	Paddy rice and milled rice	Organico Mindoreños Magsaysay Chapter (OMMC)
89	IV-B	Gonzales, Efren P.	Poblacion, Magsaysay, Occidental Mindoro	CP; Pr	Paddy rice, onion, and Milled rice	Organico Mindoreños Magsaysay Chapter (OMMC)
90	IV-B	Jimena, Maria Luisa G.	Nicolas, Magsaysay, Occidental Mindoro	CP; Pr	Paddy rice and milled rice	Organico Mindoreños Magsaysay Chapter (OMMC)
91	IV-B	Ruedas, Victorino G.	Poblacion, Magsaysay, Occidental Mindoro	CP; AP; Pr	Paddy rice, Vegetable crops, Legumes, Root Crops, Table eggs (Chicken and Muscovy Duck), Live animals (Muscovy Duck) and milled rice	Organico Mindoreños Magsaysay Chapter (OMMC)
92	II	Antero, Joseph B.	Tidang Village, Kayapa, Nueva Vizcaya	CP	Vegetable crops, Legumes, Culinary herbs/spices and Fruit crops/trees	Nueva Vizcaya Participatory Guarantee System, Inc. (NVPGS)
93	II	Arboleda, Janet C.	Bintawan Norte, Villaverde, Nueva Vizcaya Bintawan Sur, Villaverde, Nueva Vizcaya	CP; AP	Vegetable crops, Legumes, Fruit Crops and Live animals (swine)	Nueva Vizcaya Participatory Guarantee System, Inc. (NVPGS)
94	II	Cabiag, Patenio C.	Tidang Village, Kayapa, Nueva Vizcaya	CP	Vegetable crops, Legumes, Root crops, Culinary herbs/spices and Fruit crops/Trees	Nueva Vizcaya Participatory Guarantee System, Inc. (NVPGS)
95	II	Makiling, Vergita G.	Paitan, Bayombong, Nueva Vizcaya	CP	Vegetable crops, Legumes, Fruit Crops/Trees and Paddy Rice	Nueva Vizcaya Participatory Guarantee System, Inc. (NVPGS)
96	II	Tayaban, Mario P.	Tiblac, Ambaguio, Nueva Vizcaya	CP	Vegetable crops, Legumes, Culinary herbs/spices, Fruit crops/trees and coffee	Nueva Vizcaya Participatory Guarantee System, Inc. (NVPGS)
97	IV-B	Banlawe, Mirriam P.	Cabigaan, Aborlan, Palawan	CP	Fruit Crops	Aborlan PGS Group (APGSG)
98	IV-B	Diaz, Perfecto H.	Magsaysay, Aborlan, Palawan	CP; AP	Fruit crops and Live animals (goat)	Aborlan PGS Group (APGSG)
99	IV-B	Evangelista, Ramiro A.	Barake, Aborlan, Palawan	CP	Vegetable crops and Legumes	Aborlan PGS Group (APGSG)
100	IV-B	Fanilag, Riza T.	Sagpangan, Aborlan, Palawan	CP	Fruit Crops	Aborlan PGS Group (APGSG)
101	IV-B	Gonzalez, Dr. Ibarra M.	Iraan, Aborlan, Palawan	CP	Culinary Herbs/Spices	Aborlan PGS Group (APGSG)
102	XIII	Del Rosario, Roy C.	Violanta, Loreto, Agusan del Sur	CP; Pr	Paddy rice and milled rice	San Isidro Parish Binucayan Farmers Multi-purpose Cooperative - SIPBAFAMCO PGS Group
103	XIII	Ewa, Artemio G.	Violanta, Loreto, Agusan del Sur	CP; AP; Pr	Paddy Rice, Live animals (swine) and Milled Rice	San Isidro Parish Binucayan Farmers Multi-purpose Cooperative - SIPBAFAMCO PGS Group
104	XIII	Gauran, Jovel J.	Violanta, Loreto, Agusan del Sur	CP; Pr	Paddy rice and milled rice	San Isidro Parish Binucayan Farmers Multi-purpose Cooperative - SIPBAFAMCO PGS Group
105	XIII	Labaniego, Nory A.	Magaud, Loreto, Agusan del Sur	CP; Pr	Paddy Rice and Milled Rice	San Isidro Parish Binucayan Farmers Multi-purpose Cooperative - SIPBAFAMCO PGS Group
106	XIII	Victoriano, Angelito V.	Magaud, Loreto, Agusan del Sur	CP; Pr	Paddy Rice and Milled Rice	San Isidro Parish Binucayan Farmers Multi-purpose Cooperative - SIPBAFAMCO PGS Group
107	CAR	Alcos, Eladio E.	Topdac, Atok, Benguet	CP	Vegetable Crops, Legumes, Fruit Crops, Herbs & Spices, and Root Crops	Atok Organic Practitioners Association Inc. (ATOPAI)
108	CAR	Fianza, Judith S.	Topdac, Atok, Benguet	CP; AP	Vegetable Crops, Legumes, Fruit Crops, Herbs & Spices, Root Crops, and Live Animals (chicken)	Atok Organic Practitioners Association Inc. (ATOPAI)

109	CAR	Juan, Romy O.	paoay, Atok, Benguet	CP	Vegetable Crops, Legumes, and Root Crops	Atok Organic Practitioners Association Inc. (ATOPAI)
110	CAR	Osting, Juliet B.	Paoay, Atok, Benguet	CP	Vegetable Crops, Legumes, Fruit Crops, Herbs & Spices, and Root Crops	Atok Organic Practitioners Association Inc. (ATOPAI)
111	CAR	Ruadap, Flores P.	Paoay, Atok, Benguet	CP	Vegetable Crops and Root Crops	Atok Organic Practitioners Association Inc. (ATOPAI)
112	XI	Bangoy, Jocelyn A.	Dalawinon, Magsaysay, Davao del Sur	CP; Pr	Paddy rice and milled rice	Magsaysay Organic Farmers Agriculture Cooperative (MOFARMCO)
113	XI	Parawan, Bienvenido T.	Kanapolo, Magsaysay, Davao del Sur	CP; Pr	Paddy Rice and Milled Rice	Magsaysay Organic Farmers Agriculture Cooperative (MOFARMCO)
114	XI	Serencio, Antonio R., Jr.	Kasuga, Magsaysay, Davao del Sur	CP; Pr	Paddy Rice and Milled Rice	Magsaysay Organic Farmers Agriculture Cooperative (MOFARMCO)
115	XI	Silvano, Renante B.	Poblacion, Magsaysay, Davao del Sur	CP; AP; Pr	Live animals (dairy goats), Paddy rice and Milled Rice	Magsaysay Organic Farmers Agriculture Cooperative (MOFARMCO)
116	XI	Sumalnap, Robert E.	Tacul, Magsaysay, Davao del Sur	CP; Pr	Paddy Rice and Milled Rice	Magsaysay Organic Farmers Agriculture Cooperative (MOFARMCO)
117	CAR	Aggasna, Gemma D.	Magulon, Lamut, Ifugao	CP	Vegetable Crops, Legumes, Root Crops, Herbs & Spices, and Fruit Crops	Lamut Organic Practitioners Agriculture Cooperative (LOPRACO)
118	CAR	Gongob, Lourdes P.	Bimpal, Lamut, Ifugao	CP	Vegetable Crops, Legumes and Herbs & Spices	Lamut Organic Practitioners Agriculture Cooperative (LOPRACO)
119	CAR	Gragasin, Diana Ross A.	Mabatobato, Lamut, Ifugao	CP; AP	Vegetable Crops, Herbs & Spices, and Live Animals (chicken)	Lamut Organic Practitioners Agriculture Cooperative (LOPRACO)
120	CAR	Honnag, Nieves D.	Umilag, Lamut, Ifugao	CP	Vegetable Crops, Legumes, Root Crops, Herbs & Spices, and Fruit Crops	Lamut Organic Practitioners Agriculture Cooperative (LOPRACO)
121	CAR	Sawey, Elizabeth B.	Bimpal, Lamut, Ifugao	CP	Vegetable Crops, Legumes, Herbs & Spices, and Fruit Crops	Lamut Organic Practitioners Agriculture Cooperative (LOPRACO)
122	VIII	Adora, Pruto A.	Tombo, Alangalang, Leyte	CP	Vegetable crops, Legumes, Root crops, and Fruit crops	Alangalang Agri-preneurs and Services Farmers Association (ALASFA) PGS Group
123	VIII	Antoni, Noel T.	Borseth, Alangalang, Leyte	CP; AP	Legumes, Field Crops, Root Crops, Fruit Crops, and Live Animals (swine, goat)	Alangalang Agri-preneurs and Services Farmers Association (ALASFA) PGS Group
124	VIII	Mahinay, Benjamin S., Jr.	Divisoria, Alangalang, Leyte	CP	Fruit Crops	Alangalang Agri-preneurs and Services Farmers Association (ALASFA) PGS Group
125	VIII	Opeña, Elmer C.	Barugohay Central, Carigara, Leyte	CP	Paddy rice	Alangalang Agri-preneurs and Services Farmers Association (ALASFA) PGS Group
126	VIII	Quimen, Pablo A., Jr.	San Isidro, Alangalang, Leyte	CP; AP	Vegetable Crops, Legumes, Root Crops, Herbs & Spices, Fruit Crops, Table Eggs (chicken) and Live Animals (chicken, swine, carabao)	Alangalang Agri-preneurs and Services Farmers Association (ALASFA) PGS Group
127	IX	Acdal, Rodora C.	Guling, Guipos, Zamboanga del Sur	CP; Pr	Paddy rice and Milled rice	Paggitib PGS Group
128	IX	Castillon, Joel C.	Begong, Tigbao, Zamboanga del Sur	CP; Pr	Paddy rice and milled rice	Paggitib PGS Group
129	IX	Consolacion, Rosenda S.	Maragang, Tigbao, Zamboanga del Sur	CP; Pr	Paddy rice and milled rice	Paggitib PGS Group
130	IX	Montales, Gilbert A.	Begong, Tigbao, Zamboanga del Sur	CP, CP-SP, Pr	Paddy rice, Rice seeds and Milled rice	Paggitib PGS Group
131	IX	Nabasca, Ambrocio A.	Legarda Uno, Dina, Zamboanga del Sur	CP; AP; Pr	Live animals (chicken), Paddy rice, and Milled rice	Paggitib PGS Group
132	I	Acosta, Manuel G.	Masicong, City of San Fernando, La Union	CP	Vegetable crops, legumes, fruit crops and herbs	Participatory Guarantee System City of San Fernando La Union Philippines, Inc. (PGSCSFLU)
133	I	Balancio, Ursula D.	Sibuan-otong, City of San Fernando, La Union	CP; AP	Vegetable crops, legumes, fruit crops, live animals (chicken), and table eggs (chicken)	Participatory Guarantee System City of San Fernando La Union Philippines, Inc. (PGSCSFLU)
134	I	Jubilo, Randy E.	Santiago Sur, City of San Fernando, La Union	CP; CP-SP	Vegetable crops, legumes, paddy rice, and rice seeds	Participatory Guarantee System City of San Fernando La Union Philippines, Inc. (PGSCSFLU)
135	I	Mendoza, Florencia L.	Baraaoas, City of San Fernando, La Union	CP; AP	Fruit crops and live animals (chicken)	Participatory Guarantee System City of San Fernando La Union Philippines, Inc. (PGSCSFLU)

136	I	Quines, Jameson J.	Camansi, City of San Fernando, La Union	CP	Vegetable crops, legumes, root crops, and spices	Participatory Guarantee System City of San Fernando La Union Philippines, Inc. (PGSCSFLU)
137	IVA	Cleofe, Eduardo B.	Taywanak Ilaya, Alfonso, Cavite	CP	Vegetable crops, legumes, root crops, fruit crops and herbs & spices	Upland Cavite Farmers Agriculture Cooperative (UPCAFA)
138	IVA	dela Cruz, Ramon Luis J.	Bucal, Amadeo, Cavite	CP; AP	Vegetable crops, legumes, root crops, fruit crops, herbs & spices, and live animals (goat)	Upland Cavite Farmers Agriculture Cooperative (UPCAFA)
139	IVA	Reyes, Genina C.	Dagatan, Amadeo, Cavite	CP	Vegetables, legumes, root crops, fruit crops, and herbs & spices	Upland Cavite Farmers Agriculture Cooperative (UPCAFA)
140	IVA	Suan, Ferrie M.	Maitim 1st, Amadeo, Cavite	CP	Vegetable crops, legumes, root crops, fruit crops and herbs & spices	Upland Cavite Farmers Agriculture Cooperative (UPCAFA)
141	IVA	Tandoc, Reynaldo R.	Dagatan, Amadeo, Cavite	CP	Vegetable crops, legumes, and herbs & spices	Upland Cavite Farmers Agriculture Cooperative (UPCAFA)

Legends:

CP: Crop Production
 CP-SP: Seed Production
 AP: Animal Production
 Aq: Aquaculture
 SP-MF: Special Product - Mushroom Production
 BK: Beekeeping
 Pr: Processing (Milled Rice)
 PF: Processing (Food)

LIST OF DEVELOPED SCIENTIFIC REPORTS

No	Title	Description	Date Accomplished	Proponent/Beneficiaries
1	Risk Profile of Lead in Brown Sugar Using Philippine Consumption Data	The risk profiling was conducted to evaluate whether the Codex Committee on Contaminants in Foods (CCCF) proposed maximum level of lead in soft brown, raw cane sugar, and non-centrifuged sugar provides an appropriate level of protection to the Filipino consuming population. A dietary exposure assessment using the Philippine consumption pattern and body weight across different age groups showed that the proposed ML of 0.15 mg/kg pose no appreciable risk to the consuming population in terms of systolic blood pressure in adults or IQ in children. The results of the study were used as the basis for the Philippines' position on the CCCF proposed ML.	March 9, 2023	Codex Committee on Contaminants in Foods (CCCF) Philippines through Office of DA-BAFS Director
2	Food Safety and Quality of Brown Rice	The study was conducted to provide current scientific and technical information on the food safety and quality parameters for brown rice, which will be used as a basis for developing a Philippine National	July 21, 2023	DA National Food Authority through BAFS Standards Development Division
3	Pesticide Maximum Residue Limits in Mung Bean Established by Codex, ASEAN, Philippines, and Selected Importing Countries	This study identified the pesticide MRL for mung bean established by the Codex Alimentarius Commission (Codex) as the benchmark standard and compare it with those registered with the Association of Southeast Asian Nations (ASEAN), the Department of Agriculture-Fertilizer and Pesticide Authority (DA-FPA), and selected importing countries, namely, the United States of America (USA), European Union (EU), China, Japan, and Indonesia. The data derived from the study will serve as a basis for the development of PNS on MRL of Pesticides in Mung Bean.	July 21, 2023	DA Regional 2 Field Office through BAFS Standards Development Division
4	Pesticide Maximum Residue Limit in Pechay from Codex, Philippines and Major Producing Asian Countries	This study provided information on established MRL for pechay or its commodity grouping for use in the development of the PNS. This study, conducted through secondary research, compared MRL applicable for pechay established by Codex, ASEAN, Department of Agriculture - Fertilizer and Pesticide Authority (DA-FPA) and with those established by European Union (EU), United States of America (USA), China, South Korea, Japan and Indonesia.	August 11, 2023	DA Regional 2 Field Office through BAFS Standards Development Division
5	Current Practices for Giant Freshwater Prawn Production in Antique, Iloilo, Nueva Ecija, and Tarlac, Philippines	This study obtained information on the local practices of ulang grow-out farms that will be used as a basis for the development of a Philippine National Standard (PNS) on Code of Good Aquaculture Practices (GAQP) for Grow-out of Freshwater Prawn. The study surveyed selected 10 grow-out farms in Antique, Iloilo, Nueva Ecija, and Tarlac. It aimed to gather information on practices regarding site selection, source of stock, stocking density, feed and feeding, water and soil quality, animal health and management, biosecurity measures, harvesting and transport, and traceability and record keeping. The survey responses were analyzed using descriptive statistics with frequency distributions and frequencies computed for each survey question in terms of the number of responses	August 11, 2023	Southeast Asian Fisheries Development Center through BAFS Standards Development Division

6	Conformance of Philippine Laboratories against the Codex Performance Criteria for Pesticide Residue Analysis in Food and Feed (CXG 90-2017)	This report provided information on the conformance of selected private and government laboratories with the Codex guidelines (CXG 90-2017). An online survey was employed to describe the current practices/performance criteria of laboratories with pesticide residue analysis and assess conformance with CXG 90-2017. Respondents were three private laboratories accredited to ISO/IEC 17025:2017 by the Department of Trade and Industry Philippine Accreditation Bureau (DTI-PAB) and four DA Laboratories performing pesticide residue analysis in agricultural food and feed.	August 14, 2023	DA Food Safety Regulatory Agencies through BAFS Standards Development Division
7	Assessment of National Food Authority (NFA) Specifications on Product, Packaging, and Labeling of Iron Premix	This study was conducted to evaluate the nutrition, safety, and quality specifications of iron rice premix, as well as the packaging and labelling requirements proposed by the NFA, which may serve as a basis in making informed decisions. Review of secondary data was done to compare the NFA proposed specifications on iron rice premix with relevant international and national standards and published literature.	August 24, 2023	Office of the Senior Undersecretary through Office of DA-BAFS Director
8	Pesticide Maximum Residue Limits (MRL) in Lettuce (Head and Leaf Types) Established by Codex, ASEAN, Philippines, Selected Importing and Exporting Countries	This study, conducted through secondary data collection, identified pesticide MRL for lettuce, head and leaf types, established by Codex, ASEAN, DA-FPA, and selected importing and exporting countries namely China, Australia, Brazil, South Korea, Japan, and EU member countries (Ukraine and France). The data derived from the study will serve as the basis for the development of PNS on MRL of pesticides in Lettuce (head and leaf types).	September 14, 2023	DA Region 2 Field Office through BAFS Standards Development Division
9	Postharvest Operations, Maturity Indices, and Defects of Carabao and Pico Mango (<i>Mangifera indica</i> Linn.) in the Philippines	Through primary and secondary data collection, this study provided technical information on the present postharvest operations (i.e., sorting, grading, packaging) of the mango growers, maturity indices, and defects of carabao and pico mangoes in the Philippines. Information provided by the study will serve as bases for the amendment of the PNS/BAFS 13:2004 Mangoes Specifications.	September 25, 2023	BAFS Standards Development Division and Technical Services Division
10	Rabbit Meat Cuts, Cutting Schemes, and Carcass Specifications	The study determined the different cuts, cutting schemes, and specifications for rabbit carcasses through secondary research. Publicly available standards and literature on rabbit carcasses of the top-producing countries worldwide and in Asia, member countries of the ASEAN, India, Kenya, and Uganda were reviewed. The information derived by the study will serve as input to the development of the PNS on rabbit primal cuts.	September 27, 2023	DA Bureau of Animal Industry through BAFS Standards Development Division
11	Pesticide Maximum Residue Limits (MRL) in Bell Pepper Established by Codex, ASEAN, Philippines, and Selected Exporting and Importing Countries	Conducted through secondary data collection, this study identified and compared pesticide MRL in bell pepper established by Codex, ASEAN, Philippines, and selected exporting and importing countries namely, Hongkong, Japan, Kuwait, Malaysia, Saudi Arabia, Singapore, Thailand, and the US. The study was carried out to serve as input for the PNS development of pesticide MRL for bell peppers.	October 10, 2023	Philippine Association of Food Technologists through BAFS Standards Development Division

12	Comparative Analysis of Current Farming Practices of Milkfish and Tilapia	This study, conducted through secondary data collection, compared the recommended farming practices for milkfish and tilapia with reference to the provisions of PNS on GAqP for Milkfish and Tilapia (PNS/BAFS 196:2017). The provisions include site selection, source of stock, farm management, feeds and feeding, fish health management, biodiversity, harvesting and postharvest handling, and traceability and record keeping. The data derived from the study will serve as a basis for the amendment of the PNS/BAFS 196:2017.	October 27, 2023	BAFS Standards Development Division
13	Literature Review on Product Specifications for Inorganic Fertilizers	This study gathered data on product descriptions, and quality and food safety specifications for inorganic fertilizers through secondary research. The study focused on characterizing inorganic fertilizers and their primary macronutrient and heavy metal specifications from international standards and those of major producing countries and trading partners. The findings of this study will serve as input for the development of a PNS on inorganic fertilizers.	November 3, 2023	DA Fertilizer and Pesticide Authority through BAFS Standards Development Division
14	Preliminary Risk Profile on Mineral Oil Hydrocarbons (MOH) in Coconut Oil	This preliminary risk profile, developed through secondary research, provided background information on MOH, its contamination with coconut oil, available control measures, and possible risk management options. The report is organized according to the risk analysis framework of the FAO/WHO consisting of hazard identification, hazard characterization, and risk management information. The findings and recommendations derived from the study will serve as reference material in the development of new PNS or amendment, revision or review of existing relevant PNS on coconut - the primary raw material in producing coconut oil.	December 4, 2023	Philippine Coconut Authority through Office of DA-BAFS Director
15	Comparative Analysis of Current Farming Practices in Oyster and Mussel Production in the Philippines and Asia	This study was conducted to aid in the evaluation of potential amendments to the PNS/BAFS 207:2017 Code of Good Aquaculture Practices for Oysters and Mussels. Through secondary research, information on current Philippine and Asia recommended practices that would identify potential gaps or areas for improvement in the existing PNS/BAFS 207:2017 were obtained.	December 19, 2023	BAFS Standards Development Division

ANNEX E

POLICY RECOMMENDATIONS

No	Title/Particulars	Details/Description	Date Accomplished	Endorsed to
1	Position Paper on Draft Technical Barriers to Trade (TBT)/Standards, Technical Regulations, and Conformity Assessment Procedures (STRACAP) Chapter and Proposed Draft Good Regulatory Practices (GRP) Chapter of the ASEAN-Canada Free Trade Agreement (ACAFTA)	Provided additional inputs regarding definition of standards and requirements for regulatory impact assessment	March 10, 2023	NEIL P. CATAJAY Director Bureau of Philippine Standards Department of Trade and Industry
2	Position Paper on the Proposed ML for Lead in Soft Brown Sugar, Raw Cane Sugar, and Non-Centrifuged Sugar of the CCCF	Dietary exposure to lead from brown sugar consumption was assessed based on the mean body weights of the different population groups, mean brown sugar consumption from 2 to 4g/day, and the proposed ML of 0.15 mg/kg. Results showed no appreciable risk of a clinically significant effect on Systolic Blood Pressure (SBP) and Intelligence Quotient (IQ)", which provided support for the proposed ML of 0.15 mg/kg of the CCCF	March 10, 2023	PHELAN APOSTOL Chairperson, National Codex Organization SubCommittee on Contaminants in Foods (NCO-SCCF)
3	Comments on the Philippine Development Plan Results Matrix (PDP-RM) 2023-2028 for Chapter 9: Promote Trade and Investments	Proposed the following: Number of standards established, number of standards promulgated and certification centers established increased	March 9, 2023	JUNIBERT E. DE SAGUN Agribusiness and Marketing Assistance Division Department of Agriculture Elliptical Road, Quezon City
4	Position Paper on the Proposed Code of Practice for the Prevention and Reduction of Mycotoxin Contamination in Cassava and Cassava Based Products of the CCCF	Provided substantive comments on the proposed draft Codex Code of Practice of the CCCF for adoption by the Codex Alimentarius Committee by end of 2023	March 9, 2023	PHELAN APOSTOL Chairperson, National Codex Organization SubCommittee on Contaminants in Foods (NCO-SCCF)
5	Position Paper on SB 1127 Philippine Accreditation Act	Provided substantive comments on the proposed Philippine Accreditation Act	February 20, 2023	Atty. JANE C. BACAYO Department Legislative Liaison Officer (DLLO) Department of Agriculture
6	Position Paper on the SB 628 and SB 793 National Quality Infrastructure Council	Provided substantive comments on the SB 628 and SB 793 creating a NQI Council	February 16, 2023	Atty. JANE C. BACAYO Department Legislative Liaison Officer (DLLO) Department of Agriculture
7	Position Paper on the Draft Amendment of the Consumer Act of the Philippines (RA 7394)	Provided substantive comments on the proposed amendment of the Consumer Act of the Philippines.	February 10, 2023	Atty. JANE C. BACAYO Department Legislative Liaison Officer (DLLO) Department of Agriculture
8	Position Paper on Sale, Purchase and Consumption of Frozen Eggs	Provided food safety requirements of frozen eggs as per relevant PNS requirements	February 8, 2023	Engr. Arnel de Mesa Assistant Secretary for Operations Department of Agriculture
9	Position Paper on Blue Economy Bill	Provided substantive comments on the Blue Economy Act or House Bill No. 69 (An Act Establishing a Framework for Blue Economy, Promoting Stewardship and Sustainable Development of Coastal and Marine Ecosystems and Resources).	February 7, 2023	Atty. JANE C. BACAYO Department Legislative Liaison Officer (DLLO) Department of Agriculture
10	Position Paper on Issues on Coconut under the Philippine - United States Trade and Investment Framework Agreement (PH-US TIFA)	Provided technical inputs on the 1) Classification of coconut oil as saturated fat similar to animal fat in the Dietary Guidelines for Americans 2020-2025; and 2) Classification of coconut as allergen under the US Food Allergen Labeling and Consumer Protection Act (FALCPA) of 2004.	January 25, 202	ROSELLA VILLARUEL, Department Manager, Philippine Coconut Authority A)
11	BAFS Additional Comments on the Draft Amendment of the Consumer Act of the Philippines (Republic Act 7394)	Provided additional comments regarding the proposed amendment to Republic Act 7394 (Consumer Act) based on the Technical Working Group (TWG) meeting of the House Committee on Trade and Industry held on May 29, 2023.	May 29, 2023	ATTY. GENEVIEVE E. VELICARIA-GUEVARRA Assistant Secretary for Legislative Affairs and Department Legislative Liaison Officer (DLLO)"
12	DA-BAFS Comments on the House Bills (HB) on National Nutrition Council (NNC)	Provided inputs regarding various House Bills related to National Nutrition Council	May 24, 2023	ATTY. GENEVIEVE E. VELICARIA-GUEVARRA Assistant Secretary for Legislative Affairs and Department Legislative Liaison Officer (DLLO)
13	Draft Department Order (DO) on Rules and Procedures on the Adoption of Food Safety-Related Philippine National Standards (Pns) as Basis for the Development of Technical Regulations	Endorsement of the related draft DO to the Office of the Assistant Secretary for Regulations, Office of the Undersecretary for Policy, Planning and Regulations for approval	May 22, 2023	MERCEDITA A. SOMBILLA, PhD Undersecretary for Policy, Planning, and Regulations ATTY. PAZ J. BENAVIDEZ II Assistant Secretary for Regulations

14	SO representation of DA to various meetings Pesticide MRL related	Circulation of draft special order to BPI and FPA for comments with deadline of comments on May 30, 2023	May 22, 2023	GERALD GLENN F. PANGANIBAN, PhD Director IV, Bureau of Plant Industry JULIETA B. LANSANGAN OIC Executive Director Fertilizer and Pesticide Authority
15	DO Delineation of Functions of BPI, FPA and BAFS Pesticide MRL related	Circulation of draft Department Order re: delineation of functions related to MRLs to BPI and FPA for comments with deadline of comments on May 30, 2023	May 22, 2023	GERALD GLENN F. PANGANIBAN, PhD Director IV Bureau of Plant Industry JULIETA B. LANSANGAN OIC Executive Director Fertilizer and Pesticide Authority
16	Position Paper on the Baladna's Regulatory Support requirements	Provided inputs regarding the proposed regulatory enhancements of Baladna related to labeling, definition of fresh milk and UHT milk packages below 500 ml	April 12, 2023	MERCEDITA A. SOMBILLA, PhD Undersecretary for Policy, Planning, and Regulations ATTY. PAZ J. BENAVIDEZ II Assistant Secretary for Regulations
17	Discussion Paper on Physical Targets for Accredited Participatory Guarantee System (PGS) Groups as Organic Certifying Body (OCB)	The discussion paper intends to provide preliminary analysis of the current PGS group targets for accreditation and recommend alternate measures to firm up the accreditation process of PGS groups. The analysis and recommendation were based on the process, the readiness of the applicants, and the capacity of the DA-BAFS.	June 29, 2023	Endorsed to the Office of the Director and Organic Agriculture Division
18	Position Paper - PH EU FTA	Position Paper-PH EU FTA	September 14, 2023	
19	Position Paper on ASEAN Trade in Goods Agreement (ATIGA) - STRACAP Chapter	*Comments provided on Mutual Recognition Arrangements/Mutual Recognition Agreement	September 13, 2023	Submitted to DTI BPS
20	Thailand's inquiry on the use of iodized salt in the preparation/processing of shrimps and prawns	response to inquiry re: use iodized salt in shrimp and prawns	August 24, 2023	Endorsed to DTI BPS
21	Recommendation re BAFE exemption in RIA Temporary Suspension of the Provision for Drawbar Dimension	BAFS provided recommendation regarding requested RIA exemption	August 16, 2023	Endorsed to the Office of Usec. Sombilla and Asec. Benavidez (Hard copy)
22	Comments on the National Salmonella Control Program	Comments provided to the implementation of the Program led by the Bureau of Animal Industry specifically on the logframe, use of PNS as one of its program components and technical assistance package components	August 9, 2023	Endorsed to the BAI Office of the Director
23	Comments on the Senate Bill (SB)/ House Bill (HB) on Act of Institutionalizing the One Town One Product (OTOP) Philippines Program	Comments re: consistency, inclusion of BAFS as one of the standard setting agencies and conduct of evaluation at the end of the 6-year period	August 2, 2023	Endorsed to DLLO
24	Comments on the National African Swine Fever (NASFPCP) Prevention and Control Program	Comments provided to the implementation of National African Swine Fever Prevention and Control Program (NASFPCP) led by the Bureau of Animal Industry specifically on the logframe, use of PNS as one of its program components and stakeholder analysis	August 2, 2023	Endorsed to the Office of the Director of BAI
25	Issues to be Raised with the Department of Health (DOH) and the Food and Drug Administration (FDA) on the Implementation of the Republic Act No. 10611 (Food Safety Act of 2013)	Description: three major issues/concerns with DOH-FDA in relation to the development of food safety-related Philippine National Standards (PNS)	July 20, 2023	Submitted to ASec Noel Padre
26	Proposed Executive Order Establishing the National Agricultural Biotechnology Institute	Comments provided on the proposed EO. The Institute is envisioned to be a pivotal force in the advancement, application and commercialization of cutting-edge biotechnologies for agriculture and fisheries.	October 18, 2023	Submitted to DA-BAI

27	Position Paper on the inquiry of Taiwan on the Official Regulations and Practices on the Preservation of Table Eggs as well as the Storage and Transportation, and Sale of Table Eggs after Washing and Sorting	Comments were provided to BAI per their request. BAI received an inquiry from Director Josephine Y.J. Shun of the Economic Division of Taipei Economic and Cultural Office of the Philippines. The inquiry pertains to the official regulations and protocols regarding the preservation, storage, transportation, and sale of table eggs after washing and sorting.	October 9, 2023	Submitted to DA-OSEC
28	Draft Department Order Delineation of Functions among the DA-Fertilizer and Pesticide Authority (FPA), DA - Bureau of Plant Industry (BPI), and the DA-BAFS relative to Import Maximum Residue Limit (MRL) for Pesticides	This DO is based on the agreements made among the DA-BAFS, DA- BPI, and the DA-FPA, under the guidance of the Office of the Assistant Secretary for Regulations (OASR). It aims to formalize the system for managing pesticide import tolerance levels related to agricultural imports.	November 6, 2023	Submitted to DA-OSEC
29	DA-BAFS Comments on PH Position on Import Licensing Procedure (ILP) - Article 14 of the ACFTA Upgrade TIG Text Negotiations	On the proposed change in the timeline of publication, i.e. from 21 days to 30 days, of new or modified ILP, the DA-BAFS proposes to align the publication date with the notification period prescribed by the World Trade Organization (WTO) which is 60 days as indicated in this reference: Import Licensing Protocol. This period will provide affected stakeholders ample time to prepare for regulatory measure changes.	December 1, 2023	Submitted to DTI-Bureau of Import Services as of December 7, 2023



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