

**PROGRAM HANDBOOKS/MANUALS**

**October 1, 2023**

**BEAN INSPECTION HANDBOOK**

**OPR – FM-SPB**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
Handbook	7-01-2021	Entire Handbook Revised
	4-01-1999	New Handbook
Contents	4-01-1999	
Chapter 1	4-01-1999	General Information
Chapter 2	4-01-1999	Sampling
Chapter 3 Attachment	9-18-2014	Inspection Grades and Grade Requirements for Beans
Chapter 4 Attachment 1 Attachment 2	9-18-2014	Certification Commodity Inspection Certificate, FGIS-993 Commodity Certificate, Submitted Sample Inspection, FGIS-994
		IC #2: 7-11-05 New Chapter dated 7-11-05 removed Chapter 3 dated 4-1-99 IC #3: 3-16-09 Updated Chapter 3 – 3-16-09 IC #4: 11-17-14 Updates to Chapters 3 and 4

**EQUIPMENT HANDBOOK  
OPR – FM-WEB**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
Chapter 3	6-01-2022	Chapter 3 updated to reflect approval of Light Emitting Diode (LED) lamps for official purposes.
	10-04-1996	New Handbook
Foreward	10-04-1996	
Contents	10-04-1996	
Chapter 1 Pg. 1-11 to 1-27	10-04-1996 03-21-2004	General Information
Approved Equipment List	9-08-2006	Active commercially available items
Approved Equipment List	9-08-2006	Inactive items, but ok for use
Chapter 2	10-04-1996	Grain Test Scales
Chapter 3	10-04-1996	Laboratory Equipment
Chapter 4	10-04-1996	Dockage Testers
Chapter 5	10-04-1996	Test Weight Per Bushel Apparatuses
Chapter 6	10-04-1996	Rice Equipment
Chapter 7	10-04-1996	Manual Sampling Devices
Chapter 8	10-04-1996	Barley Pearlors
Chapter 9	10-04-1996	Sieves
Forward-Contents- Chapters 1-10	8-04-2016	Entire Handbook was updated and reissued

**FUMIGATION HANDBOOK  
OPR – FM-SPB**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
Chapter 2	10-01-2023	FGIS has revised the Fumigation Handbook, making changes to Table 3 on page 2-28. The changes allow for surface or subsurface fumigation of cargo holds with a depth of up to 20 meters. Additionally, the changes make necessary technical corrections pertaining to the nature of the fumigant.
Chapter 1-6	7-10-2020	Entire Handbook Revised
Foreword	9-04-2006	
Contents	9-04-2006	
Chapter 1	8-24-2009	General Information
Chapter 2	6-14-2014	In-Transit Fumigation – Vessels
Chapter 3	6-14-2014	Land Carrier Fumigation
Chapter 4	9-04-2006	River Barge Fumigation
Chapter 5	9-04-2006	Farm Service Agency Commodity Operations Fumigation Protocol
		Issuance Change No. 4 – 9/2006 -- Entire Handbook Revised Issuance Change No. 5 – 8/24/09 – Replacing Chapters 1 and 2 Issuance Change No. 6 – 6/16/14 – Replacing Chapters 2 and 3

**GRAIN INSPECTION HANDBOOK  
OPR - FM-SPB  
BOOK I – GRAIN SAMPLING**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
Chapters 1-5	7-23-2020	Entire Handbook Revised
Contents	7-7-1995	
Chapter 1	7-7-1995	General Guidelines
Chapter 2	7-7-1995	Probe Sampling
Chapter 3	7-7-1995	Sampling Wit a Diverter-Type Mechanical Sampler
Chapter 4	7-7-1995	Ellis Cup and Pelican Sampling
Appendix 1 Page 2	7-7-1995 11-17-1995	Local Quality Control Procedures

**GRAIN INSPECTION HANDBOOK  
BOOK II**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
Chapter 10	09-01-2023	Soybean Chapter
Chapter 1-14	10-01-2020	Entire Handbook Revised
Chapter 4	4-11-2017	Corn Chapter
Chapter 13	4-11-2017	Wheat Chapter
Foreward	8-09-2004	
Chapter 1	8-09-2004	General Information - Issuance Change #106 6-16-08 Replace page(s) as indicated
Chapter 2	8-09-2004	Barley - Issuance Change #106 6-16-08 - Replace page(s) as indicated
Chapter 3	6-18-2004	Canola - Issuance Change #106 6-16-08 - Replace page(s) as indicated
Chapter 4	6-18-2007	Corn - Issuance Change # 103 6/18/07 - Replace page(s) as indicated
Chapter 5	8-09-2004	Flaxseed
Chapter 6	8-09-2004	Mixed Grain Issuance Change #106 6/18/08 - Replace page(s) as indicated
Chapter 7	8-09-2004	Oats; Issuance Change #106 6/18/08 - Replace page(s) as indicated
Chapter 8	8-09-2004	Rye; Issuance Change #104 8-09-07; Issuance Change #106 6-18-08 - Replace page(s) as indicated

**GRAIN INSPECTION HANDBOOK  
BOOK II**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
Chapter 9	6-01-2008	Sorghum - Issuance change #108
Chapter 10	8-09-2004	Soybeans Issuance Change # 105 replace pages as indicated 09-01-07 Issuance Change #106 6-18-08 - Replace page(s) as indicated
Chapter 11	8-09-2004	Sunflower Seed Issuance Change #106 6-18-08 - Replace page(s) as indicated
Chapter 12	8-09-2004	Triticale - Issuance Change #106 6-18-08 - Replace page(s) as indicated
Chapter 13  Pages 13-33 thru 13-38	8-09-2004	Wheat Issuance Change #106 6-18-08 - Replace page(s) as indicated Change No. 99 replace pages as indicated
		IC #108 – 6-01-08 New Chapter 9

**GRAIN INSPECTION HANDBOOK  
BOOK III  
GRAIN GRADING PROCEDURES**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
Chapters 1-4	8-28-2020	Entire Handbook Revised
Table of Contents	3-13-2006	
Chapter 1	3-13-2006  6-01-08 6-09-2008 11-03-2008	Inspection of Shiplots Unit Trains, and Lash Barges
Chapter 2	3-13-2006	Certification of Shiplots, Unit Trains, and Lash Barges
Chapter 3	3-13-2006	Material Removal Portion
Chapter 4	9-11-1990	(Reserved)
Chapter 5	9-11-1990	(Reserved)
Chapter 6	9-11-1990	(Reserved)
Chapter 7	3-13-2006	(Reserved)

**GRAIN INSPECTION HANDBOOK  
BOOK IV - FORMS AND CERTIFICATES**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
Contents	10-09-2006	
Chapter 1	10-09-2006	Application Forms
Chapter 2	10-09-2006 6-09-2008	Work Records Issuance Change No. 107 pages 2-16
Chapter 3	10-09-2006 7-14-2008 2-18-2006	Certificates Issuance Change No. 107 Issuance Change No. 112
Chapter 4	7-31-2015	Data Collection Forms Issuance Change No. 111

**GRAIN INSPECTION HANDBOOK  
List of Issuance Changes**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
		<u>CURRENT TRANSMITTALS/ISSUANCE CHANGES</u>  <u>BOOK I</u> 7-07-95 Issuance Change #87 (New Book I Issued) 11-17-95 Issuance Change #88  <u>BOOK II</u> 8-09-04 Issuance Change #97 (New Book II Issued)  6-01-08 Issuance Change #108 Grain Grading Procedures Chapter 9

	<p><u>BOOK III</u>  10-22-84 Reprint  9-01-80 Transmittal #9  9-11-90 Issuance Change #65  4-22-93 Issuance Change #74  5-10-94 Issuance Change #83  6-04-97 Issuance Change #92  6-01-99 Issuance Change #93  9-15-99 Issuance Change #94  12-10-99 Issuance Change #94  12-10-99 Issuance Change #95  06-12-00 Issuance Change #96  06-01-08 Issuance Change #108  06-09-08 Issuance Change #107</p> <p><u>BOOK IV</u>  1-01-91 Issuance Change #67  (New Book IV Issued)  2-26-93 Issuance Change #73  4-15-97 Issuance Change #89  10-10-06 Issuance Change #100  06-09-08 Issuance Change # 107  07-31-15 Issuance Change #111  02-18-16 Issuance Change # 112</p>	

**HOP INSPECTION HANDBOOK  
OPR - FM-SPB**

	7-01-2022	The Hop Inspection Handbook revision incorporated policy and procedural changes and other changes including re-formatting and editorial updates. Further, each chapter was updated and re-formatted for uniformity
	8-01-1998	
Foreward	8-01-1998	
Contents	8-01-1998	
Chapter 1	8-01-1998	
Chapter 2	8-01-1998	
Chapter 3	9-30-2002	
Chapter 4	8-01-1998	Certification
Attachment 1	8-01-1998	Commodity Inspection Certificate FGIS-993
Attachment 2	8-01-1998	Commodity Certificate Submitted Sample Inspection FGIS-994
	<u>Current Issuance Changes</u> Issuance Change # 1 08-01-98 (New Handbook Issued) Issuance Change # 2 09-30-02 Issuance Change # 3 12-10-07	



**MECHANICAL SAMPLING SYSTEMS HANDBOOK  
OPR-FM-SPB**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
Handbook Change No. 4	4-18-2007	Chapter 3, page 3-6 Added language confirming requirements for D-T sampling system authorization Chapter 5, page 5-7 Revised the drop sample testing method
Handbook Change No. 3	9-13-2016	Revisions were made to include the following Program Notices: Chapter 2, Equipment Requirements, Controls Chapter 6, Maintenance, Repair, and Alteration FGIS-PN-08-05 Requirements For Auxiliary Control Modifications Of Diverter Type Mechanical Sampling Systems Chapter 5, Outbound Movement Systems FGIS PN-08-09 Use Of Probe Samples As An Alternate Standard Reference For Testing Diverter Type Sampling Systems FGIS PN-12-02 Check Testing Of Diverter-Type (D/T) Samplers-Drop Sample Test Option Chapter 5, section 5.2 Revisions were also made to the language regarding sampling system inspection safety, specifically pertaining to a primary sampling systems power supply cutoff switches and the coinciding physical distance and visual reference of the cutoff switch to the primary sampler.
Chapter 1	11-07-2003	General Information
Chapter 2	11-07-2003	Specifications
Chapter 3	11-07-2003	Authorization
Chapter 4	11-07-2003	Examinations
Chapter 5	11-07-2003	Tests
Chapter 6	11-07-2003	Maintenance, Repair, and Alteration
		Current Issuance Changes Issuance Change #2 11-07-03 (New Handbook Issued)

## MOISTURE HANDBOOK

CHAPTER	DATE	TITLE
	3-14-2022	Chapter 2 Operation and Testing of the GAC2700-UGMA: Added this new chapter to include the detailed instructions for the newly approved GAC 2700-UGMA moisture meter. This chapter replace the “Reserved” chapter 2.
Chapter 1 Section 1.1 Section 1.2 Section 1.3 Section 1.4 Section 1.5 Section 1.6 Section 1.7	1-08-1999	General Information Policy page 1-1 Responsibilities page 1-2 Record Keeping page 1-4 Requirements Equipment Identification page 1-4 Equipment Testing page 1-5 Testing Schedule page 1-6 Repairs page 1-7
Chapter 2 Section 2.1 Section 2.2 Section 2.3 Section 2.4 Section 2.5 Section 2.6 Section 2.7	1-08-1999	Moisture Meter Calibration General Requirements page 2-1 Schedule page 2-1 Equipment Requirements page 2-2 Annual Calibration Study page 2-2 Reports page 2-5 Criteria for Change page 2-5 Sample List page 2-7
Chapter 3  Section 3.1 Section 3.2 Section 3.3 Section 3.4  Section 3.5	1-08-1999	Operation and Testing of the GAC 2100 Moisture Meter Maintenance page 3-1 Operation page 3-4 Headquarters Standard Meters page 3-8 Testing Official page 3-10; Moisture Meters Repair of GIPSA-Owned 3-14 Moisture Meter; Instructions for Completing Form FGIS-923, “Moisture Meter Test” page 3-17
		Issuance Change 1: 9/1/12 Issuance Change 2: 1/28/13 Issuance Change 3: 5/13/13 Issuance Change 4: 7/14/14

## MYCOTOXIN HANDBOOK

CHAPTER	DATE	TITLE
Handbook	1-06-2023	This update superseded the FGIS Mycotoxin Handbook dated June 28,2016. This handbook has been updated to incorporate FGIS's agency move to AMS, the inclusion of Policy Bulletin Board #275 Mycotoxin Testing in Grain: Sample Preparation Guidance, as well as general revisions and formatting. In addition, definitions, tables, and processes were updated to the current standards. The specific technical updates are listed below.
Chapter 1	9-17-2015	General Information
Chapter 2	9-17-2015	Laboratory Safety
Chapter 3	9-17-2015	Hazardous Waste Management
Chapter 4	9-17-2015	Sample Preparation Procedures
Chapter 5	9-17-2015	Certification
Chapter 6	9-17-2015	FDA Contamination Levels
		This is a new handbook which consolidates the information presented in the current Aflatoxin Handbook, DON Handbook, Fumonisin Directive (9180.71), Zearelenone Directive (9180.66), and Ochratoxin A Directive (9180.77).
Chapter 4	6-28-2016	

**NEAR-INFRARED TRANSMITTANCE  
HANDBOOK (NIRT)**

CHAPTER	DATE	TITLE
	4-01-2022	The NIRT Handbook was revised and reformatted for to incorporate FGIS's agency move to AMS, contact information, and the inclusion of information for the Foss NIRT model NOVA, as well as general revisions and formatting. Furthur description of edits are located in Chapter 6 Change NO. 8
FOREWORD	12-08-2006	
CONTENTS	12-08-2006	
CHAPTER 1	12-08-2006	Introduction
CHAPTER 2	12-08-2006	NIRT Equipment
CHAPTER 3	3-24-2008	Determining Instrument Accuracy
CHAPTER 4	3-24-2008	Sample Preparation and Analysis
CHAPTER 5	3-24-2008	NIRT Monitoring Program
		<u>Current Issuance Changes</u> Issuance Change #2 11-22-99 (New Handbook Issued) Issuance Change #3 7-30-01 Issuance Change #4 5-01-05 (New Handbook Issued) Issuance Change #5 7-25-05 (New Handbook Issued) Issuance Change #6 12-18-06 (New Handbook Issued) Issuance Change #7 3-24-08 (Replace Chapters 3, 4, and 5 dated 12-18-06 with New chapters dated 3-24-08)

**NUCLEAR MAGNETIC RESONANCE  
(NMR) HANDBOOK  
OPR - FM-SPB**

CHAPTER	DATE	TITLE
Chapters 1,2,5,6, and 7	9-30-2022	This update superseded the FGIS Nuclear Magnetic Resonance (NMR) Handbook dated October 1, 2009. This handbook was revised and reformatted to incorporate FGIS's move to AMS, minor process changes, updated forms, inclusion of FGIS PN 14-04 Approval of New Nuclear Magnetic Resonance (NMR) Instruments (11/21/2013):
Foreward Contents	10-01-2009 10-01-2009	
Chapter 1	10-01-2009	General Information
Chapter 2	10-01-2009	NMR Oil Testing Equipment
Chapter 3	10-01-2009	Sample Preparation
Chapter 4	10-01-2009	Certification
Chapter 5	10-01-2009	Monitoring Program
Chapter 6	10-01-2009	Instrument Setup And Sample Analysis – Oxford MQA 6005 And MQA 7005 Pulsed NMR Analyzers
Chapter 7	10-01-2009	Instrument Setup and Sample Analyzer – Bruker Mini-spec 7.5 Pulsed NMR Analyzer
		<u>Current Issuance Changes</u> Issuance Change #1 04-03-97 (New Handbook Issued) Issuance Change #2 05-12-03 (New Handbook Issued) Issuance Change #3 10-01-09 (New Handbook Issued)

**PEA AND LENTIL HANDBOOK  
OPR-MRP-GIPSA-FGIS**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
Handbook	7-01-2021	Entire Handbook Revised
	8-01-1998	New Handbook
Contents	8-01-1998	
Page 1	8-01-1998	Introduction
Chapter 1	8-01-1998	General Information
Attachment 1		Reference Publication
Attachment 2		Form FGIS-955, "Application for Inspection Under the Agricultural Marketing Act"
Chapter 2	8-01-1998	Sampling
Chapter 3	8-01-1998	Thresher-Run Peas
Chapter 4	8-01-1998	Dockage-Free Peas
Chapter 5	8-01-1998	Split-Peas
	1-01-1999	Attachment
Chapter 6	8-01-1998	Thresher-Run Lentils
Chapter 7	12-31-2002	Dockage-Free Lentils
	12-31-2002	Attachment
Chapter 8	8-01-1998	Certification
		Issuance Change #1 1-01-99 Revision to Grade Table for Split Bleached Peas Issuance Change #2 12-31-02 Revisions to Chapter 7 & Attachment Issuance Change #3 4-28-14 Issuance Change #4 7-14-14 Chapters 3 and 4

**PROCESSED COMMODITIES HANDBOOK  
OPR - FM-SPB**

<b>CHAPTER</b>	<b>DATE</b>	<b>TITLE</b>
	10-01-2022	The handbook was revised to include updates such as the change of Defense Personnel Support Center (DPSC) to the Defense Logistics Agency (DLA) Troop Support and to consolidate DLA and VA chapter into the Commodity Procurement chapter since all processed commodities are now solicited by the Commodity Procurement Program and are no longer required to be inspected by FGIS unless requested or required by contract.
Foreword	8-01-1994	
Contents	7-15-1996	
Chapter 1 P.1-1 Pp.1-11 & 1-12	8-01-1994 7-15-1996 7-15-1996	General Information
Chapter 2  P. 2-1 Pp. 2-7 & 2-8 Pp. 2-18 & 2-19 P. 2-24 P. 2-29	8-01-1994  7-15-1996 7-15-1996 7-15-1996 7-15-1996 7-15-1996	Sampling
Chapter 3	7-15-1996	FSA Inspections
Chapter 4 P.4-31	8-01-1994 7-15-1996	DPSC Inspections
Chapter 5	8-01-1994	VA Inspections
Chapter 6 Attachment 1 Pp. 1 & 2 Pp. 5-10 Attachment 2	7-15-1996 7-15-1996 3-28-1997 3-28-1997 3-28-1997	Certification
Appendix	3-01-1996	Assigned Responsibilities

**QUALITY HANDBOOK  
OPR – FM-SPB**

<b>CHAPTER</b>	<b>DTAE</b>	<b>TITLE</b>
Foreword	10-01-1996	
Contents	10-01-1996	
Chapter 1	10-01-1996	General Information
Chapter 2	10-01-1996	Sample Inspection and Monitoring System
Chapter 3	10-01-1996	Subjective Testing and Evaluation Process
Chapter 4	10-01-1996	Referee and Survey Sample Exchange Program
Chapter 5	10-01-1996	QA/QC Tools
Chapter 6	10-01-1996	Intermarket Tracking Program
Chapter 7	10-01-1996	Early Alert Program
Chapter 8	10-01-1996	Crop Quality Studies
		Current Issuance Changes New Handbook Issued 10-01-1996



**RICE INSPECTION HANDBOOK  
OPR – FM-SPB**

CHAPTER	DATE	TITLE
Chapters 1-11	8-20-2020	Entire Handbook Revised
Foreward	7-01-1994	
Contents	7-01-1994	
Chapter 1  P.1-3 P.1-7 Pp.1-14 & 1-15 P.1-20 Att.4, P.2	7-01-1994  5-01-1997 5-01-1997 5-01-1997 5-01-1997 5-01-1997	General
Chapter 2  P.2-11 P.2-13 P.2-16	7-01-1994  5-01-1997 5-01-1997 5-01-1997	Sampling
Chapter 3  P.3-2 P.3-8 thru 3-10 P.3-12 P.3-17 P.3-20	7-01-1994  5-01-1997 5-01-1997 5-01-1997 5-01-1997 5-01-1997	Inspection of Rough Rice
Chapter 4  P.4-2 P.4-8 & 4-9 P.4-15	7-01-1994  5-01-1997 5-01-1997 5-01-1997	Inspection of Brown Rice for Processing
Chapter 5  P.5-5 P.5-15 P.5-17 P.5-19 thru 21 P.5-28 P.5-32 thru 5-38 Att.3, P.1 & 2 Att.4, P.1 & 2	7-01-1994  5-01-1997 5-01-1997 5-01-1997 5-01-1997 5-01-1997 5-01-1997 5-01-1997 5-01-1997	Inspection of Milled Rice

**RICE INSPECTION HANDBOOK  
OPR – FM-SPB**

CHAPTER	DATE	TITLE
Chapter 6  P.6-4 P.6-9 Pp.6-20 & 6-21 Att.1, Pp.1 & 2 Att.2, Pp.1 & 2 Att.4, Pp.1 & 2	7-01-1994  5-01-1997 5-01-1997 5-01-1997 5-01-1997 5-01-1997 5-01-1997	Certification
Chapter 7  Contents Attachment 1 Attachment 2	5-01-1997  5-01-1997 5-01-1997 5-01-1997	Roundlot Inspection Plan
Chapter 8  P.8-3 P.8-7	7-01-1994  5-01-1997 5-01-1997	Identity-Preserved Inspection Plan
Chapter 9	7-01-1994	Warehouse-Lot Inspection Plan
Chapter 10	7-01-1994	Government Contracts
Appendix 1 P.1	7-01-1994 5-01-1997	Tolerances
		Current Issuance Changes Issuance Change #1 7-01-94 (New Handbook Issued) Issuance Change #2 8-15-94 Issuance Change #3 5-01-97

**Sanitation and Food Defense Handbook**  
**Rice, Beans, Peas, Lentils, and Processed Commodities**  
**OPR – FM-SPB**

CHAPTER	DATE	TITLE
Chapters 1-6	9-9-2020	Entire Handbook Revised
Foreword	3-28-1997	
Contents	3-28-1997	
Chapter 1	3-28-1997	Cooperation With Other Agencies
Chapter 2	3-28-1997	Inspection Responsibilities
Chapter 3	3-28-1997	Plant Facility
Chapter 4	3-28-1997	Sanitation Inspections
		Current Issuance Changes Issuance Change #1 3-28-97 (New Handbook Issued)

**WEIGHING HANDBOOK  
OPR - FM-WEB**

CHAPTER	DATE	TITLE
Foreword	12-27-2010	
Contents	12-27-2010	
Chapter 1  Appendix A Appendix B	7-05-2010  7-05-2010 5-10-1995	Procedures for Official Weighing Services  Grain Spill Estimation Charts Glossary
Chapter 2	7-05-2010	Documentation of Official Weighing Services
Chapter 3	12-27-2010	Specifications, Tolerances, and Other Technical Requirements for Testing and Certifying Official Grain Weighing Devices
Chapter 4	8-22-2011	Checkweighing
		Current Transmittals/Issuance Changes  Issuance Change #16 3-13-1989 Issuance Change #17 9-17-1990 Issuance Change #19 5-10-1995 Issuance Change #20 9-20-1996 Issuance Change #21 2-21-2001 Issuance Change #22 9-01-2003 Issuance Change #23 4-30-2004 Issuance Change #24 11-01-2004 Issuance Change #25 3-28-2005 Issuance Change #26 7-05-2010 Issuance Change #27 7-05-2010 Issuance Change #28 12-27-2010 Issuance Change #29 8-22-2011