

USDA COMMODITY REQUIREMENTS

**PL1
PEAS AND LENTILS
FOR USE IN EXPORT PROGRAMS**

Effective Date: 09/01/05

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Part 1 COMMODITY SPECIFICATIONS

Section 1.1 COMMODITIES

- A. Whole dry peas, split peas, and lentils shall meet the specifications as defined in the "Official United States Standards for Whole Dry Peas, Split Peas, and Lentils" in effect at the time the applicable solicitation for offers is issued. The standards are available at: <http://151.121.3.117/reference-library/standards/standards.htm>.
- B. Whole dry peas shall grade U.S. No. 2 or better, except U.S. No. 3 or better because of cracked seed coats. Split peas shall grade U.S. No. 2 or better. Lentils shall grade U.S. No. 3 or better.

Section 1.2 INSPECTION-ALL COMMODITIES

- A. The contractor shall be responsible for arranging and obtaining FGIS, or any other organization designated by FGIS, official domestic and export weight and grade certificates. Procedures to follow and a schedule of fees for this service may be obtained at <http://151.121.3.117/aboutus/servicemap/usmap.htm>. Contractors are required to notify the Government immediately of lots that fail to meet contract requirements.
- B. The average net weight of the sampled shipping units as determined by FGIS shall not be less than 98 percent of the marked net weight. Failure of the lot to meet the average net weight requirement shall cause rejection of the involved lot pursuant to FAR clause 52.212-4(a).
- C. If the product fails to meet contract specifications on one or more factors on the first inspection, the contractor may arrange with FGIS for subsequent inspections of the commodity. The inspections may be conducted at origin or a subsequent point of delivery if the provisions of Title 7 CFR 868.40 through 868.63 issued under the Agricultural Marketing Act of 1946, as amended, with respect to retest, appeal, and new inspections can be met. When subsequent inspections of the product are made, the results of the last inspection will be used as the basis for payment under the contract.
- D. FGIS will perform a condition of container examination in accordance with the United States Standards for Condition of Food Containers (7 CFR Part 42) and the Agricultural Marketing Service Handbook for Inspection of the Condition of Food Containers.

Part 2 CONTAINER AND PACKAGING REQUIREMENTS

Section 2.1 GENERAL

All woven polypropylene bags shall be purchased from the Government's Total Quality System Audit (TQSA) approved bag supplier, including fabric weavers, converters, and brokers. Approved suppliers are listed on the Internet at: <http://www.fsa.usda.gov/pdd/bags.htm>.

Section 2.2 CONTAINERS AND MATERIALS

- A. All containers and packaging materials shall be manufactured and assembled in the United States. The components that make up the fabricating materials of the containers and packaging materials shall be of U.S. origin to the extent that they are commercially available. Questions concerning the availability of a material should be directed to:
USDA/FSA/DACO
Room 5755 - South Building, Stop 0551
1400 Independence Avenue, SW
Washington, D.C. 20250-0551
ATTN: Packaging
- B. All containers and packaging materials shall be constructed to meet the requirements of the FDA for safe contact with the packaged product.
- C. In addition, all containers and packaging materials shall be constructed to comply with the sum concentration levels of lead, cadmium, mercury, and hexavalent chromium addressed by the Coalition of Northeast Governors (CONEG) model legislation. The sum of the concentration levels of lead, cadmium, mercury and/or hexavalent chromium present in any package or packaging component shall not exceed 100 parts per million. Concentration levels shall be determined using American Standard of Testing Materials test methods, as revised, or U.S. Environmental Protection Agency test methods for evaluating solid waste, S-W 846, as revised.
- D. The contractor shall obtain and maintain documentation from the container or packaging material manufacturer to verify that the containers and packaging materials used in this contract were in compliance with the Government's requirements.

Section 2.3 50-KILOGRAM WOVEN POLYPROPYLENE BAGS

Woven polypropylene fabric and circular-woven style bags.

- A. The manufacturer and fabric construction shall be authorized for use, in writing, by the Government.
- B. The color of the fabric shall be white, unless otherwise specified. Colored identifying marker yarn(s) shall be woven into the fabric by the manufacturer. The color(s) of the marker yarn(s) shall be approved, in writing, by the Government. Information on approval of manufacturer and associated marker yarn will be posted on the USDA, FSA, DACO Internet page at: <http://www.fsa.usda.gov/daco/pdd/bags.htm>.
- C. The polymer in the fabric shall be 100 percent virgin polypropylene with no recycled material. Rework product will be limited to excess material produced during the initial extrusion process and will be limited to the amount produced during normal continuous operation. A system to identify and document this process must be in place for review by the Government's audit personnel.
- D. The fabric in an unstressed state shall permit a minimum air flow of 3 cubic feet per minute per square foot and a maximum of 30 cubic feet per minute per square foot, when tested in accordance with ASTM Test Method D737, as amended.

- E. The fabric shall be finished by coating or other suitable method to prevent slippage. Individual test results shall be 28 degrees or greater, when tested in accordance with TAPPI Test Method T-503-OM-84. The fabric shall accept and retain printing ink that will not rub or flake off to a degree where legibility is impaired.
- F. The fabric shall be capable of resisting ultraviolet deterioration for a minimum of 200 hours of exposure in a weatherometer, when tested in accordance with Test Method 5804-Federal Standard 191, as amended. The fabric shall retain 70 percent of its original minimum tensile strength in each direction, after 200 hours exposure, when tested in accordance with Test Method ASTM D 5034 (Grab Test), as amended.
- G. Bags may be flat tube or gusseted.
- H. Bags may be extrusion coated. Extrusion coated bags shall have the proper number, size and location of micro perforations to achieve the air permeability rate required for product stability and fumigation, as well as filling efficiency.

Section 2.4 SEWING OF BAG SEAMS

- A. All bag seams shall be sewn in a manner which prevents the product from leaking through the seams during handling, storage, and distribution.
- B. The color of the sewing thread shall be natural or white. The tensile strength of the sewn seams shall not be less than the tensile strength of the fabric in the body of the bag.
- C. The top and bottom of the bag shall be heat cut or otherwise finished to prevent fraying or unraveling of the fabric during distribution. The bottom seam shall be constructed in accordance with Federal Standard 751a, SSn-1 Single Turnover, as amended. A minimum of 4 stitches per inch is required.

Section 2.5 PERFORMANCE TEST PROCEDURES

- A. All bags shall be capable of withstanding the following performance test for impact resistance.
 - (1) Ten filled and sealed bags shall each survive a single drop test on the butt and side on a shock machine that produces for each test a velocity change of 195 inches per second using a shock duration of .002 seconds without loss of product.
 - (2) Testing shall be conducted under standard temperature (73.4 ° F plus or minus 1.8 ° F) and relative humidity (50% plus or minus 2%) conditions.
 - (3) Filled bags shall be placed in the conditioned atmosphere for sufficient time before the tests are conducted for the bag materials to come to equilibrium.
 - (4) Bags submitted under this performance specification shall conform to all other applicable material, construction, and performance specifications.
- B. Test Laboratories

Independent or private laboratories known to be capable of conducting the performance test for impact resistance described in Section 2.5 are as follows:

<p>Michigan State University School of Packaging East Lansing, MI 48824-1223 (517) 355-9580 http://packaging.msu.edu/</p>	<p>Lansmont Corporation 1287 Reamwood Sunnyvale, CA 94089 (408) 734-9724</p> <p>Lansmont Corporation 6539 Westland Way, Suite 24 Lansing, MI 48917 (888) 526-7666 www.lansmont.com</p>
<p>Rutgers University Packaging Science and Engineering Dept. P.O. Box 909 Piscataway, NJ 08854 (201) 932-3679</p>	<p>Ten-E Packaging Services, Inc. 1666 County Road 74 Newport, MN 55055 (651) 459-0671 www.ten-e.com</p>

Section 2.6 TEST FREQUENCY

- A. All testing specified shall be performed and documented to qualify a fabric/bag construction for approval by the Government and in accordance with the frequencies outlined below. The fabric construction and test results shall be submitted to the Government for review. All approvals will be confirmed in writing.
- B. The air permeability and ultraviolet resistance tests shall, as a minimum, be performed annually and when a change in the formulation/design of the fabric is being made.
- C. The performance test for impact resistance shall be performed when a change in the formulation/design of the fabric is being made.
- D. The slide angle test shall, as a minimum, be performed in-house for every 10,000 lineal meters of fabric production. Testing performed in-house is not required to be performed under the specified temperature and humidity requirements. In addition, the slide angle test shall, as a minimum, be performed annually by an outside testing facility and when a change in the formulation/design of the fabric is being made. This testing shall be performed in accordance with all contract requirements, including the specified temperature and humidity.
- E. The Government will periodically require bag fabric suppliers to submit Declaration Sheets which describe the construction, origin, and test results of approved fabric/bags.

Declaration sheets shall also be submitted when a change in the formulation/design of the fabric is being made.

- F. All supporting test and quality control documentation shall be retained and made available for review by the Government for a minimum of three years after final payment under the contract.
- G. The Government will periodically obtain samples of bags produced under contract and submit the samples for testing to verify that the bags were produced in accordance with the contract requirements. The Government will be responsible for the cost of testing bags determined to be constructed in compliance. Suppliers will be responsible for the cost of testing bags determined not to be in compliance and in-plant audits by the Government to determine if corrective actions have been taken.

Part 3 MARKING REQUIREMENTS

Section 3.1 MARKINGS

- A. The bag shall be marked in the color specified in the markings exhibits. Any markings not shown on the exhibits shall be printed in blue. When printed on the bag, the colors blue and red shall match the Pantone Matching System (PMS) chart numbers 280 and 200, respectively, to the extent practicable.
- B. All dimensions are approximate. Unless otherwise specified, all characters shall be in normal block print.
- C. The letters USA shall be Universal black (75) oblique, or Helvetica extra bold with 70% scaling and -70 tracking or equivalent to match the style as shown in the exhibits. The letters USA shall be 6 1/2 inches high and 12 1/2 inches in total width. The three stripes adjacent USA shall be 1 1/4 inches high and printed as close to the edges of the bag as possible, not to exceed 1 1/2 inches from any edge.
- D. The USAID logo shall be printed in the same style as shown in the markings exhibits, sized approximately 6 1/4 inches in diameter. The USDA logo shall be 5 1/2 inches high and 7 3/4 inches in total width, see exhibits.
- E. The commodity name shall be 1 1/2 inch print. Immediately below the commodity name on the front and back panels insert additional commodity description in 5/8 inch print, if applicable. See Exhibit A for appropriate commodity name/additional commodity description that shall be printed on each bag.
- F. The net weight, contract number and the statement “NOT TO BE SOLD OR EXCHANGED” shall be 3/4 inch print. The bag dimensions and Standard Marking Requirement (SMR) or Language Marking Requirement (LMR) number shall be 1/2 inch print. The contract number, net weight, and SMR or LMR number shall be at the bottom of the bag, centered. See exhibits.

- G. The symbol indicating “USE NO HOOKS” shall be 2 3/4 inches in height. See exhibits.
- H. The US Flag shall be 7 inches high and 12 3/4 inches in total width, on the back of the applicable bag, see exhibits.
- I. The letters or symbols used in the language markings for LMR-1, LMR-3, LMR-4, LMR-5, LMR-7, and LMR-8 should be sized approximately 1 5/8 inches, see exhibits. The language marking for LMR-2 and LMR-6 should be sized to fit as shown in the exhibits.
- J. Lot numbers, production codes or any other means of identification required to meet traceability requirements shall be as small as possible, yet legible.

Section 3.2 MARKING DESCRIPTIONS

The Government shall furnish required markings within two business days after the date of the contract. The procurement of containers should be deferred for at least two business days after the date of the contract.

The following standard marking requirements may be requested under the contract:

Standard Marking Requirement #1 (SMR-1)

USAID – Distribution

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, “SMR-1,” and use no hooks symbol. See exhibit SMR-1, front

Back: US Flag in place of the USA with stripes, otherwise same as front. See exhibit SMR-1, back.

Standard Marking Requirement #2 (SMR-2)

FAS - Distribution

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, “SMR-2”, and use no hooks symbol. See exhibit SMR-2, front.

Back: Identical. See exhibit SMR-2, back.

Standard Marking Requirement #3 (SMR-3)

USAID – Monetization

Front: USA with stripes, the commodity name, USAID logo, contract number, net weight, dimensions, “SMR-3,” and use no hooks symbol. See exhibit SMR-3, front.

Back: US Flag in place of the USA with stripes, otherwise, same as front. See exhibit SMR-3, back.

Standard Marking Requirement #4 (SMR-4)

FAS or USAID - Monetization

Front: USA with stripes, the commodity name, contract number, net weight, dimensions, “SMR-4,” and use no hooks symbol. See exhibit SMR-4, front.
Back: Identical. See exhibit SMR-4, back.

Language Marking Requirement #1 (LMR-1)

USAID – Distribution for North Korea

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, and “LMR-1.” See exhibit LMR-1, front.

Back: US Flag, the commodity name, North Korean language panel, and “LMR-1” only. See exhibit LMR-1, back.

Language Marking Requirement #2 (LMR-2)

USAID – Distribution for Afghanistan, with Pashtu and Dari

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, and “LMR-2.” See exhibit LMR-2, front.

Back: US Flag, the commodity name, Pashtu and Dari language panel, and “LMR-2” only. See exhibit LMR-2, back.

Language Marking Requirement #3 (LMR-3)

USAID – Distribution for South Africa Region

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, and “LMR-3.” See exhibit LMR-3, front.

Back: US Flag, the commodity name, English language panel, and “LMR-3” only. See exhibit LMR-3, back.

Language Marking Requirement #4 (LMR-4)

USAID – Distribution for Iraq with Arabic

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, and “LMR-4.” See exhibit LMR-4, front.

Back: US Flag, the commodity name, Arabic language panel, and “LMR-4” only. See exhibit LMR-4, back.

Language Marking Requirement #5 (LMR-5)

FAS – Distribution for North Korea

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and “LMR-5.” See exhibit LMR-5, front.

Back: USA with stripes, the commodity name, North Korean language panel, and “LMR-5” only. See exhibit LMR-5, back.

Language Marking Requirement #6 (LMR-6)

FAS – Distribution for Afghanistan, with Pashtu and Dari

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and "LMR-6." See exhibit LMR-6, front.

Back: USA with stripes, the commodity name, Pashtu and Dari language panel, and "LMR-6" only. See exhibit LMR-6, back.

Language Marking Requirement #7 (LMR-7)

FAS – Distribution for South Africa Region

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and "LMR-7." See exhibit LMR-7, front.

Back: USA with stripes, the commodity name, English language panel, and "LMR-7" only. See exhibit LMR-7, back.

Language Marking Requirement #8 (LMR-8)

FAS – Distribution for Iraq with Arabic

Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and "LMR-8." See exhibit LMR-8, front

Back: USA with stripes, the commodity name, Arabic language panel, and "LMR-8" only. See exhibit LMR-8, back.

Section 3.3 EMPTY BAG DIMENSIONS

- A. All bags shall be marked with the empty dimensions as follows:

Gusseted Bags	Face Width X Gusseted Width X Finished Length
Flat Tube Bags	Face Width X Finished Length

- B. The dimensions shall be printed at the bottom of the bag, centered, see exhibits.
- C. The finished size of the circular woven polypropylene bags will be determined by the contractor, unless otherwise specified by the contracting officer.

Section 3.4 CONTAINERS WITH INCORRECT MARKINGS

- A. Any labels, bags, cans, can lids, cases, or any other type of packaging (hereinafter referred to as "containers") displaying incorrect markings may be used under a Government contract provided that the incorrect markings are obliterated and correct markings are applied in a permanent manner with approval of the contracting officer.
- B. The appearance of containers in commercial or other channels either filled or unfilled bearing markings identifying the containers as part of a Government contract may cause the Government expense in determining whether commodities have been diverted from authorized use and in answering inquiries. The contractor shall take all necessary action to prevent the appearance in commercial or other channels of containers and container materials bearing any markings required under a Government contract,

including those held by the contractor or others; e.g., overruns, misprints, etc. The contractor shall ensure that any container from a Government contract that appears in commercial or other channels shall have all markings required under this contract permanently obliterated.

List of Commodity Names Printed on 50 Kilogram Woven Polypropylene Bags

Commodity Requirements	Commodity Name	Commodity Requirements	Commodity Name
Bulgur / Soy-Fortified Bulgur (BWSF)	BULGUR	Dry Edible Beans (DEB)	BLACK BEANS
	SOY-FORTIFIED BULGUR		BLACK EYE BEANS
Buckwheat (BWP)	BUCKWHEAT GROATS		DARK RED KIDNEY BEANS
	BUCKWHEAT GRITS		LIGHT RED KIDNEY BEANS
	BUCKWHEAT FLOUR		GARBANZO BEANS
Bagged Grain (KCBG)	WHEAT HARD RED WINTER		GREAT NORTHERN BEANS
	WHEAT SOFT WHITE		PEA BEANS
	WHEAT HARD RED SPRING		PINK BEANS
	WHEAT NORTHERN SPRING		PINTO BEANS
	SORGHUM		SMALL RED BEANS
	YELLOW CORN		SMALL WHITE BEANS
	YELLOW CORN		
	YELLOW SOYBEANS		
Milled Rice (MR)	MILLED RICE LONG GRAIN		Peas and Lentils (PL)
	MILLED RICE MEDIUM GRAIN	SPLIT GREEN PEAS	
	MILLED RICE SHORT GRAIN	SPLIT YELLOW PEAS	
	MILLED RICE PARBOILED	WHOLE DRY GREEN PEAS	
Wheat Flour/ Bread Flour (WFBF)	FLOUR ALL PURPOSE	WHOLE DRY YELLOW PEAS	
	BREAD FLOUR		
50 KG Polypropylene Bags (KCPBAGS)	WHEAT		
	CORN		
	SORGHUM		
	SOYBEANS		
	SOYBEAN MEAL		

SMR-1

FRONT

USAID - Distribution (Rev. 8/04)

The front view of the SMR-1 label features the USA logo at the top, followed by the text 'COMMODITY NAME' and 'NOT TO BE SOLD OR EXCHANGED'. Below this is the USAID seal, a stylized symbol, and contract information including 'CONTRACT ABCD01234', 'NET WEIGHT: 50 kg, 110.23 lb.', '23 x 39', and 'SMR-1'.

SMR-1

BACK

USAID - Distribution (Rev. 8/04)

The back view of the SMR-1 label features the American flag at the top, followed by the text 'COMMODITY NAME' and 'NOT TO BE SOLD OR EXCHANGED'. Below this is the USAID seal, a stylized symbol, and contract information including 'CONTRACT ABCD01234', 'NET WEIGHT: 50 kg, 110.23 lb.', '23 x 39', and 'SMR-1'.



COMMODITY NAME

NOT TO BE SOLD OR EXCHANGED



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.
23 x 39
SMR-2




COMMODITY NAME

NOT TO BE SOLD OR EXCHANGED



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.
23 x 39
SMR-2





COMMODITY NAME



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

SMR-3



COMMODITY NAME

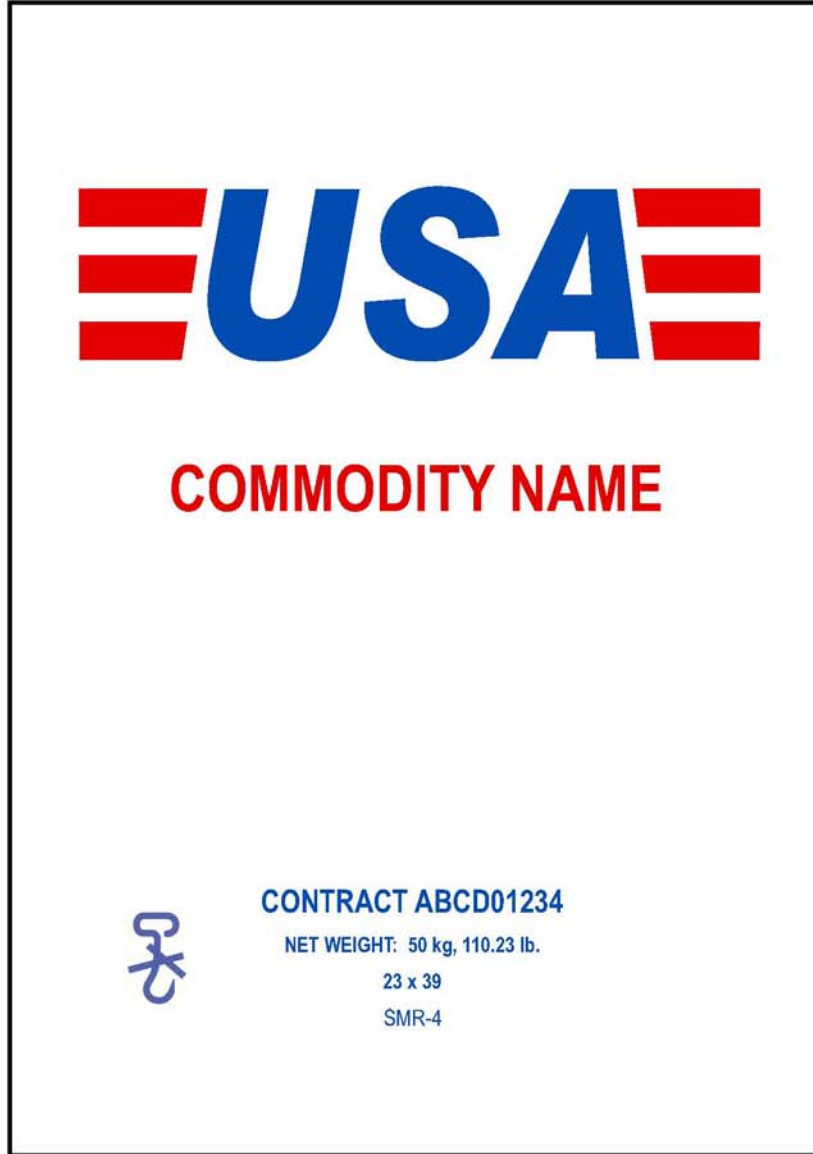
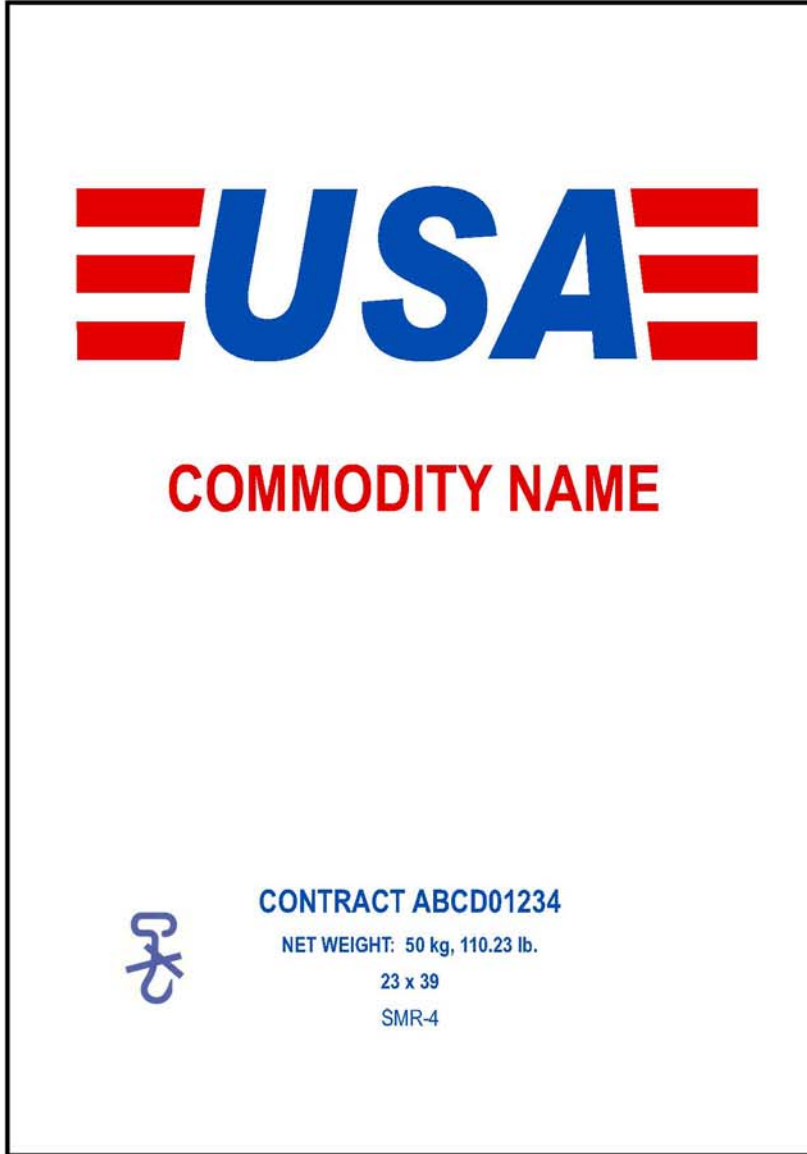


CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

SMR-3





COMMODITY NAME

NOT TO BE SOLD OR EXCHANGED



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

LMR-1



COMMODITY NAME

미국에서
보내온 선물

LMR-1

USA

COMMODITY NAME

NOT TO BE SOLD OR EXCHANGED



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

LMR-2



COMMODITY NAME

د امریکا د متحده ایالاتو
د خلکو سوغات

تحفهء مردم

ایالات متحده امریکا

LMR-2



COMMODITY NAME

NOT TO BE SOLD OR EXCHANGED



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

LMR-3



COMMODITY NAME

**Gift of the People of the
United States of America**

LMR-3



COMMODITY NAME

NOT TO BE SOLD OR EXCHANGED



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

LMR-4




COMMODITY NAME

هدية من
الشعب الأمريكي

LMR-4



COMMODITY NAME

NOT TO BE SOLD OR EXCHANGED



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

LMR-5




COMMODITY NAME

미국에서
보내온 선물

LMR-5



COMMODITY NAME

NOT TO BE SOLD OR EXCHANGED



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

LMR-6




COMMODITY NAME

د امریکا د متحده ایالاتو
د خلکو سوغات

تحفه مردم
ایالات متحده امریکا

LMR-6



COMMODITY NAME

NOT TO BE SOLD OR EXCHANGED




CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

LMR-7

COMMODITY NAME

**Gift of the People of the
United States of America**

LMR-7

USA

COMMODITY NAME

NOT TO BE SOLD OR EXCHANGED



CONTRACT ABCD01234

NET WEIGHT: 50 kg, 110.23 lb.

23 x 39

LMR-8



USA

COMMODITY NAME

هدية من
الشعب الأمريكي

LMR-8