



United States Department of Agriculture

**Farm Service Agency**  
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## **USDA COMMODITY REQUIREMENTS**

### **SFCM4 SOY FORTIFIED CORNMEAL FOR USE IN INTERNATIONAL FOOD AID PROGRAMS**

**Effective Date:** August 6, 2015

**USDA COMMODITY REQUIREMENTS  
SFCM4  
SOY FORTIFIED CORNMEAL  
FOR USE IN  
INTERNATIONAL FOOD AID PROGRAMS**

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**Part 1 COMMODITY SPECIFICATIONS**

**Section 1.1 COMMODITIES**

A. Quality of Soy Fortified Cornmeal

- (1) Corn shall be tested for aflatoxin in accordance with procedures approved by Federal Grain Inspection Service (FGIS). If the aflatoxin test proves positive, a quantitative test shall be performed. If the result of the quantitative test exceeds 20 p.p.b., the corn shall not be used in the production of the commodity.
- (2) The soy fortified cornmeal must be a product of small particle size that is usable as a dietary supplement or as an extender to other foods, and it shall conform to the following chemical and physical requirements in the table below:

**SOY FORTIFIED CORNMEAL**

ITEM	Requirements <sup>1</sup>	
	Min.	Max.
Moisture	---	13.0%
Protein (Nx6.25) <sup>1</sup>	13.0%	---
Fat <sup>1</sup>	---	1.5%
Crude Fiber <sup>1</sup>	---	2.0%
Vitamin A	1662 IU/lb	---
Iron	18.2 mg/lb	---
Material Through a U.S. Standard No. 20 Woven-Wire-Cloth Sieve	99.0%	---
Material Through a U.S. Standard No. 25 Woven-Wire-Cloth Sieve	91.0%	---
Material Through a U.S. Standard No. 45 Woven-Wire-Cloth Sieve	40.0%	---
Material Through a U.S. Standard No. 80 Woven-Wire-Cloth Sieve	---	32.0%

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<sup>1</sup> Moisture-free basis.

**Maximum Ash Allowable Without Discount  
at Specified Calcium Levels <sup>2</sup>**

Calcium Mg/lb.	Maximum Ash Percent	Calcium Mg/lb.	Maximum Ash Percent	Calcium Mg/lb.	Maximum Ash Percent
340-358	1.78	649-666	1.95	957-974	2.12
359-376	1.79	667-684	1.96	975-993	2.13
377-394	1.80	685-702	1.97	994-1011	2.14
395-412	1.81	703-720	1.98	1012-1029	2.15
413-430	1.82	721-739	1.99	1030-1047	2.16
431-448	1.83	740-757	2.00	1048-1065	2.17
449-466	1.84	758-775	2.01	1066-1083	2.18
467-485	1.85	776-793	2.02	1084-1101	2.19
486-503	1.86	794-811	2.03	1102-1120	2.20
504-521	1.87	812-829	2.04	1121-1138	2.21
522-539	1.88	830-847	2.05	1139-1156	2.22
540-557	1.89	848-866	2.06	1157-1174	2.23
558-575	1.90	867-884	2.07	1175-1192	2.24
576-593	1.91	885-902	2.08	1193-1210	2.25
594-612	1.92	903-920	2.09	1211-1228	2.26
613-630	1.93	921-938	2.10	1229-1247	2.27
631-648	1.94	939-956	2.11		

**B. Product Fortification Requirements**

The product shall be blended thoroughly and homogeneously mixed with the listed fortification ingredients in accordance with the table below:

Nutrient	Required mg/100g Level*	Required mg/lb Level*	Fortificant Form
<b>Vitamin A**</b>	<b>0.11 (366 IU)</b>	<b>0.50 (1662 IU)</b>	<b>Vitamin A Palmitate 250 (spray dried)<sup>3</sup></b>
<b>Vitamin B1 (thiamin)</b>	<b>0.4</b>	<b>1.82</b>	<b>Thiamin Mononitrate</b>
<b>Vitamin B2 (riboflavin)</b>	<b>0.4</b>	<b>1.82</b>	<b>Riboflavin</b>
<b>Vitamin B3 (niacin)</b>	<b>4</b>	<b>18.16</b>	<b>Niacinamide</b>
<b>Vitamin B6</b>	<b>0.4</b>	<b>1.82</b>	<b>Pyridoxine hydrochloride</b>
<b>Vitamin B9 (folic acid)</b>	<b>0.154</b>	<b>0.70</b>	<b>Folic Acid</b>
<b>Vitamin B12</b>	<b>0.011</b>	<b>0.05</b>	<b>Vitamin B12 0.1% (water soluble)</b>
<b>Vitamin D3</b>	<b>0.002</b>	<b>0.009</b>	<b>Vitamin D3 100,000 IU/g</b>
<b>Iron** (EDTA)</b>	<b>4</b>	<b>18.2</b>	<b>NaFeEDTA</b>
<b>Zinc</b>	<b>2.4</b>	<b>10.9</b>	<b>Zinc Oxide</b>

<sup>2</sup> Maximum allowable ash content exceeding 1.60% is permitted in accordance with specified calcium level on a moisture-free basis

<sup>3</sup> Vitamin A-Palmitate (stabilized) shall be added in encapsulated form containing 250,000 IU Vitamin A-Palmitate/g. Particle size shall comply with the requirement that at least 98 percent will pass through a U.S. Standard No. 50 sieve, at least 90 percent through a U.S. Standard No. 60 sieve, and at least 45 percent through a U.S. Standard No. 100 sieve. The product shall not be less than 95 percent of the all-trans isomer as determined by the USP assay procedure. The Vitamin A-Palmitate shall have storage stability such that not more than 20 percent of its original activity will be lost when stored for 21 days at 45° C in a sealed container at a target level of 11,000 IU per pound in cornmeal or wheat flour having moisture content in the range of 13.5 to 14.5 percent.

\*COA for premix should state expected amounts. The permitted variation in premix content is -10 to +15% for added vitamins and +/- 10% for added minerals for acceptance.

\*\*Vitamin A and iron permitted variations in the finished product (i.e., including intrinsic and premix contributions) are:

	Minimum	Maximum
Vitamin A	1662 IU/lb	3300 IU/lb
Iron	18.2 mg/lb	30 mg/lb

- (1) When used for fortifying soy fortified cornmeal at the level of 1662 IU/lb or more, the premix containing Vitamin A Palmitate and 18.2 mg/lb of Iron shall not contribute any off-flavor or odor to the dry mix, or to the cooked products prepared from the fortified meal.
- (2) The Vitamin A shall have been tested by the vitamin manufacturers in cornmeal having moisture content in the range of 13.5 to 14.0 percent to assure stability of the vitamin.
- (3) The cornmeal shall be fortified with the premix containing the Vitamin A Palmitate to be tested to the level of 1662 IU/lb or more and 18.2mg/lb of iron or more. The fortified cornmeal will be stored in an 8 ounce, round glass bottles approximately 2 ¼ x 5 inches tall provided with plastic screw caps having polyvinyl liners with pulp packing. Between 110 and 120 grams of fortified cornmeal are placed in each bottle, leaving about one inch head space, the lids are tightened, and the upper portion of the bottle and the complete lid are coated with paraffin by inverting and dipping in a bath of melted wax to prevent moisture loss.
- (4) Bottles are stored at 45° C for 21 days, and assayed for Vitamin A, using minimum sample size of 25 grams for each determination. Loss is determined by assaying in duplicate three bottles of cornmeal before and after storage.
- (5) Analysis of concentrates and of original and stored blends shall be carried out by the following method: Carr-Price blue color method, "Methods of Vitamin Assay, Association of Vitamin Chemists, Inc.," Interscience Publishers, Inc., New York, (1951).
- (6) A given lot of Vitamin A does not require retesting unless its potency as determined by the USP XVII analytical procedure has fallen below the manufacturer's label claim for the product.

C. Proportions

The ingredients of the product shall be in the following proportions:

Ingredients	Pounds per 2,000 lb. Batch
Cornmeal, Degermed fortified	1,700
Soy flour, Defatted (toasted)	300

D. Ingredient Specifications

- (1) The cornmeal delivered shall be degermed and meet the requirements of the latest revisions and amendments for Commercial Item Description A-A-20066B (June 13, 2008) at <http://www.ams.usda.gov/sites/default/files/media/CID%20Cornmeal%20%28Yellow%20or%20White%29.pdf>, except chemical and physical requirements listed in the previous table, which shall take precedence where they are different from those contained in the Commercial Item Description.
- (2) The degermed cornmeal shall be Type III, Class B, Granulation c, Color 2.
- (3) The soy flour, defatted (toasted) shall be the screened, finely ground product obtained from selected soybeans by cleaning, cracking, dehulling, tempering, flaking, defatting with hexane, desolventizing, deodorizing, toasting (full cook with color change to light yellow or golden buff), and cooling.

SOY FLOUR		
ITEM	Requirements <sup>4</sup>	
	Min.	Max.
Moisture	----	10.0%
Protein (Nx6.25) <sup>4</sup>	50.0%	----
Fat <sup>4</sup>	0.6%	----
Fiber <sup>4</sup>	----	3.5%
Ash <sup>4</sup>	----	6.5%
Material Through a U.S. Standard 100 Woven-Wire-Cloth Sieve	95.0%	----
Nitrogen Solubility, increase in pH	10.0	30.0
Urease activity, increase in pH	0.05	0.15
Total bacteria count, per gram	----	50,000
Color	Light yellow to golden buff	
Odor	Neutral to nutty	
Taste	Pleasant, neutral to slightly nutty	
Texture	A homogeneous flour	

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<sup>4</sup> Moisture-free basis

(4) Micronutrient Specifications – Soy Flour

Item	Requirements	
	Minimum	Maximum
Vitamin A	1662 IU/lb	3300 IU/lb
Iron <sup>5</sup>	27 mg/lb	41 mg/lb

**Section 1.2 QUALITY ASSURANCE**

The contractor shall perform the product testing and quality analysis to ensure that the product meets the commodity specifications. The results shall be evidenced by a Certificate of Analysis (COA). Copies of the original COA must be submitted as part of the invoice package. The COA shall provide the results of all tests specified. The contractor will obtain a certificate of analysis from their micronutrient supplier that indicates the level and chemical form of each micronutrient in the premix. That COA will be submitted as part of the invoice package.

The contractor will test each production lot for: moisture, fat, crude fiber, protein, granulation, aflatoxin, calcium, vitamin A and iron. Presence of other micronutrients can be attested with the correspondent COA from the micronutrient premix manufacturer at the required level. Vitamin A and iron will serve as markers for these other micronutrients. The government reserves the right to perform verification testing for all requirements specified in 1.1.B. If quality discounts are provided in the contract, and the product to be delivered by the contractor falls within the quality discount table, those factors shall be identified by an asterisk on the copies of the COA.

Contractors shall notify the Government immediately of lots that fail to meet contract requirements.

Unless otherwise specified, test methods for the finished product, and any ingredients therein, shall be those of the AOAC INTERNATIONAL, the American Association of Cereal Chemists (AACC), or the American Oil Chemists' Society (AOCS), as applicable and in effect on the date of issuance of the solicitation, or in accordance with methods that give equivalent results.

**Section 1.3 QUALITY DISCOUNTS**

If the product to be delivered by the contractor does not meet the quality specifications, but falls within the discounts listed, the product may be delivered to the Government, but the purchase price shall be reduced in accordance with the following schedule of discounts:

**Soy Fortified Cornmeal Discounts**

<b>Excess Moisture</b>		<b>Excess Fat</b>	
13.01% - 13.29%	\$0.10	1.51% - 1.79%	\$0.10
13.30% - 13.49%	\$0.20	1.80% - 1.99%	\$0.20
13.50%	\$0.35	2.0%	\$0.35
<b>Excess Crude Fiber</b>		<b>Deficient Protein Percent</b>	
2.01% - 2.29%	\$0.10	12.80% - 12.99%	\$0.10
2.30% - 2.49%	\$0.20	12.60% - 12.79%	\$0.20
2.50%	\$0.35	12.50% - 12.59%	\$0.35
<b>Deficient Granulation Through No. 20 Sieve</b>		<b>Deficient Granulation Through No. 25 Sieve</b>	
97.00% - 98.99%	\$0.10	89.00% - 90.99%	\$0.10
95.00% - 96.99%	\$0.20	87.00% - 88.99%	\$0.20
93.00% - 94.99%	\$0.35	85.00% - 86.99%	\$0.35
<b>Excess Granulation Through No. 80 Sieve</b>		<b>Excess Granulation Through No. 45 Sieve</b>	
33.01% - 34.99%	\$0.10	38.00% - 39.99%	\$0.10
35.00% - 36.99%	\$0.20	36.00% - 37.99%	\$0.20
37.00% - 38.00%	\$0.35	34.00% - 35.99%	\$0.35

**Soy Fortified Cornmeal  
Discounts for Excess Ash, Deficient and Excess Calcium**

<b>Excess Ash Percentage Points Above Max.</b>		<b>Deficient Calcium</b>		<b>Excess Calcium</b>	
.01% - .02%	\$0.10	499-440 mg/lb.	\$0.05	750-1247 mg/lb.	\$0.0
.03% - .04%	\$0.20	439-400 mg/lb.	\$0.10		
.05%	\$0.35	399-340 mg/lb.	\$0.20		



## **Part 2 CONTAINER AND PACKAGING REQUIREMENTS**

### **Section 2.1 GENERAL**

This part provides the container specifications and packaging materials requirements used under this contract.

### **Section 2.2 CONTAINERS AND MATERIALS**

- A. All containers and packaging shall be constructed to meet the requirements of the Food and Drug Administration (FDA) for safe contact with the packaged product. 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 regulatory requirements for safe contact with food products as required in the Master Solicitation, Part 3, Section A, Number 3.
- B. Questions concerning the containers and materials should be directed to:  
USDA/FSA/DACO  
Room 5751 – South Bldg., STOP 0551  
1400 Independence Avenue SW  
Washington, DC 20250-0551  
ATTN: Packaging
- C. If the contractor purchases packaging and container ingredients from a foreign country and/or the package and container is manufactured in a foreign country, the package and container SHALL NOT display country of origin labeling. Phrases similar to but not inclusive of, “Made in [Name of Foreign Country.]” or “Product of [Name of Foreign Country.]” are strictly prohibited.

### **PACKAGING**

- A. Twenty-five kilograms of product shall be packed per bag. The use of recycled materials is not required if performance or food safety is jeopardized.
- B. Any bags constructed of paper and utilizing a film shall:
  - (1) Have a sufficient amount of anti-block. It shall be free from any blocking at 50 degrees C and not subject to reblock at 70 degrees C.
  - (2) Not exceed a maximum average water vapor permeability of 0.65 grams per 100 square inches in 24 hours at 90 percent relative humidity and a temperature of 100 degrees F plus or minus 5 degrees.
  - (3) Be manufactured to meet Food and Drug Administration requirements for food products (21 CFR 177.1520, as amended).
- C. The bottom and top of the 25-kilogram bag shall be closed to provide a tight seal.

**Section 2.3 25-KILOGRAM HIGH PERFORMANCE PACKAGING**

A. Contractors are not limited to, but may utilize one of the following constructions when the solicitation requires the use of high performance packaging:

- (1) Multiwall paper bag constructed of: One (1) ply inner film liner guaranteed 2.5 mil. minimum thickness linear low density polyethylene, four (4) plies of 50-pound natural multiwall kraft (NMK) paper, and one (1) outer ply of 60-pound wet strength natural multiwall kraft (WSNMK) paper; or
- (2) Multiwall paper bag constructed of: 3.1 mil. (70 grams per square meter) film consisting of two or more layers of co-extruded polyolefin film with alternating angles of orientation, laminated together and biaxially oriented, two (2) plies of 50-pound NMK paper, and one (1) outer ply of 60-pound WSNMK paper. The bag shall be heat-sealed at the bottom, by the bag manufacturer. The top of the liner shall be heat-sealed by the packer once the bag has been filled with products.
- (3) Both bag constructions shall:
  - (a) be uniquely marked with a one (1) inch blue stripe located approximately three (3) inches above the letters "USA" and extending around the width of each bag;
  - (b) meet the specifications and testing requirements outlined in these commodity requirements.

**Section 2.4 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 reach equilibrium.
- (4) Bags submitted under this performance specification shall conform to all other applicable material, construction, and performance specifications.

B. Test Laboratories

While not an all-inclusive list and does not constitute or imply an endorsement, recommendation, or favoring by the United States Government, the following independent or private laboratories are known to be capable of conducting the shock machine test described above.

Michigan State University School of Packaging East Lansing, MI 48824-1223 (517) 353-4439 <a href="http://www.packaging.msu.edu/research/testing_services">http://www.packaging.msu.edu/research/testing_services</a>	Lansmont Corporation Ryan Ranch Research Park 17 Mandeville Court Monterey, CA 93940 USA (831) 655-6600 <a href="http://www.lansmont.com">www.lansmont.com</a>
Rutgers University School of Engineering Packaging Engineering Program Packaging Testing Laboratory 98 Brett Road, Room A-209 Piscataway, NJ 08854 (732) 445-5234 <a href="http://www.packaging.rutgers.edu/TestingServices.html">http://www.packaging.rutgers.edu/TestingServices.html</a>	Ten-E Packaging Services, Inc. 1666 County Road 74 Newport, MN 55055 (651) 459-0671 <a href="http://www.ten-e.com">www.ten-e.com</a>

## **PART 3 MARKING REQUIREMENTS**

### **Section 3.1 MARKINGS**

- A. The bags 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 US flag shall be 5 inches high and 9 inches in total width on the front and back of the applicable bag, see exhibits.
- D. The letters USA shall be Univers 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 4 3/4 inches high and 9 3/4 inches in total width. The three stripes adjacent USA shall be 1 inch high and must extend to the edge of the panel.

- E. The USAID vertical identity, including the logo, brand name, and tagline, shall be printed in the same style as shown in the markings exhibits sized approximately 7 ½ inches high and 9 3/8 inches in total width. The USAID logo shall be 4 ¼ inches in diameter. The USAID brand name shall be 2 inches in height. The tagline “FROM THE AMERICAN PEOPLE” shall be ½ inch in height, see exhibits. The USAID vertical logo is available to download at <http://transition.usaid.gov/branding/downloadsweb.html>
- F. The USDA logo shall be 4 ½ inches high and 6 ½ inches in total width, see exhibits.
- G. The commodity name shall be 1 1/4 inch print. Immediately below the commodity name on the front and back panels, insert additional commodity description in 5/8 inch print, if applicable.
- H. The contract number and the statement "NOT TO BE SOLD OR EXCHANGED" shall be 3/4 inch print. The net weight, bag dimensions, and the Standard Marking Requirements (SMR) or Language Marking Requirements (LMR) number shall be centered at the bottom of the bag in 1/2 inch print. See exhibits. The contractor shall obtain a waiver, in writing, from the Government to print the contract number using on-line printing on filled bags.
- I. The letters or symbols used in the language markings for LMR-1, LMR-3 and LMR-4, LMR-5, LMR-7, and LMR-8 should be sized approximately 1 5/8 inches. The language markings 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 the traceability requirement shall be printed as small as possible, yet legible.
- K. Gussets. The geometric symbols shall appear in both gussets, adjacent to USAID. The USAID identity shall be a total of 2 ¾ inches in height and 8 ½ inches in total width and printed in both gussets. The letters ‘USAID’ shall be 1 ¾ inches high and the tagline ‘FROM THE AMERICAN PEOPLE’ shall be 3/8 inch high, as shown in the applicable exhibits.
- L. Gussets. The geometric symbols shall appear in both gussets, adjacent to USAID. The letters USA shall be 3 inches high and printed in both gussets, as shown in the applicable exhibits

- M. Bag Closure Guide Location Bars (BCGL) shall be printed on the front panel of all multi-wall paper bags, as shown in the exhibits. The BCGL bars shall be plainly visible, approximately one inch in length, printed in blue in two parallel rows evenly spaced over the entire width of the bag. The BCGL bars are to be used as visual quality control verification. Visually identifying two bars or no bars on the bag would indicate a bag closure failure. Visually identifying one bar would indicate a proper bag closure. (Exhibits A and B)

### **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: US Flag, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, "SMR-1". See exhibit SMR-1, front.

Back: Identical to 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". See exhibit SMR-2, front.

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

#### Standard Marking Requirement #3 (SMR-3)

##### **USAID – Monetization**

Front: US Flag, the commodity name, USAID logo, contract number, net weight, dimensions, "SMR-3". See exhibit SMR-3, front.

Back: Identical to 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". See exhibit SMR-4, front.

Back: Identical. See exhibit SMR-4, back.

Language Marking Requirement #1 (LMR-1)

**USAID – Distribution for North Korea**

Front: US Flag, 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: US Flag, 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: US Flag, 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: US Flag, 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 bag dimensions shall be centered at the bottom of the bag, as small as possible, yet legible.

**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.



SMR-1

FRONT

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**SOY FORTIFIED  
CORNMEAL**

NOT TO BE SOLD OR EXCHANGED



**USAID**  
FROM THE AMERICAN PEOPLE

**CONTRACT ABCD01234**  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
SMR-1

SMR-1

BACK



**SOY FORTIFIED  
CORNMEAL**

NOT TO BE SOLD OR EXCHANGED



**USAID**  
FROM THE AMERICAN PEOPLE

**CONTRACT ABCD01234**  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
SMR-1



FROM THE AMERICAN PEOPLE

**USAID**



SMR-2

FRONT

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**SOY FORTIFIED  
CORNMEAL**

NOT TO BE SOLD OR EXCHANGED



**CONTRACT ABCD01234**  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
SMR-2



SMR-2

BACK



**SOY FORTIFIED  
CORNMEAL**

NOT TO BE SOLD OR EXCHANGED



**CONTRACT ABCD01234**  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
SMR-2



SMR-3

FRONT

SOY FORTIFIED  
CORNMEAL

**USAID**  
FROM THE AMERICAN PEOPLE

CONTRACT ABCD01234  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
SMR-3

SMR-3

BACK

SOY FORTIFIED  
CORNMEAL

**USAID**  
FROM THE AMERICAN PEOPLE

CONTRACT ABCD01234  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
SMR-3

**USAID**  
FROM THE AMERICAN PEOPLE

**USAID**  
FROM THE AMERICAN PEOPLE

SMR-4

FRONT

USA

SOY FORTIFIED  
CORNMEAL

CONTRACT ABCD01234  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
SMR-4

USA

SMR-4

BACK

USA

SOY FORTIFIED  
CORNMEAL

CONTRACT ABCD01234  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
SMR-4

USA

LMR-1

FRONT

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**SOY FORTIFIED  
CORNMEAL**

NOT TO BE SOLD OR EXCHANGED



**USAID**  
FROM THE AMERICAN PEOPLE

CONTRACT ABCD01234

NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
LMR-1



**USAID**  
FROM THE AMERICAN PEOPLE



LMR-1

BACK



**SOY FORTIFIED  
CORNMEAL**

미국에서  
보내온 선물

LMR-1





**USAID**  
FROM THE AMERICAN PEOPLE



LMR-2

FRONT

SOY FORTIFIED  
CORNMEAL

NOT TO BE SOLD OR EXCHANGED

**USAID**  
FROM THE AMERICAN PEOPLE

CONTRACT ABCD01234  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
LMR-2

LMR-2

BACK

SOY FORTIFIED  
CORNMEAL

د امریکا د متحده ایالاتو  
د خلکو سوغات  
تحفه مردم  
ایالات متحده امریکا

LMR-2

**USAID**  
FROM THE AMERICAN PEOPLE

LMR-3

FRONT

-----



**SOY FORTIFIED  
CORNMEAL**

NOT TO BE SOLD OR EXCHANGED



**USAID**  
FROM THE AMERICAN PEOPLE

**CONTRACT ABCD01234**  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
LMR-3



**USAID**  
FROM THE AMERICAN PEOPLE



LMR-3

BACK



**SOY FORTIFIED  
CORNMEAL**

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

LMR-3





**USAID**  
FROM THE AMERICAN PEOPLE



LMR-4

FRONT

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**SOY FORTIFIED  
CORNMEAL**

NOT TO BE SOLD OR EXCHANGED



**USAID**  
FROM THE AMERICAN PEOPLE

**CONTRACT ABCD01234**

NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
LMR-4



**USAID**  
FROM THE AMERICAN PEOPLE



LMR-4

BACK



**SOY FORTIFIED  
CORNMEAL**

هدية من  
الشعب الأمريكي

LMR-4





**USAID**  
FROM THE AMERICAN PEOPLE





LMR-5

FRONT

USA

SOY FORTIFIED  
CORNMEAL

NOT TO BE SOLD OR EXCHANGED

USDA

CONTRACT ABCD01234  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
LMR-5

USA

LMR-5

BACK

USA

SOY FORTIFIED  
CORNMEAL

미국에서  
보내온 선물

LMR-5

USA

LMR-6

FRONT

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**SOY FORTIFIED  
CORNMEAL**

NOT TO BE SOLD OR EXCHANGED



**CONTRACT ABCD01234**  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
LMR-6



LMR-6

BACK



**SOY FORTIFIED  
CORNMEAL**

د امریکا د متحده ایالاتو  
د خلکو سوغات

تحفهء مردم  
ایالات متحده امریکا

LMR-6



LMR-7

FRONT

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**SOY FORTIFIED  
CORNMEAL**

NOT TO BE SOLD OR EXCHANGED




**CONTRACT ABCD01234**  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
LMR-7



LMR-7

BACK



**SOY FORTIFIED  
CORNMEAL**

Gift of the People of the  
United States of America

LMR-7



LMR-8

FRONT

-----



**SOY FORTIFIED  
CORNMEAL**

NOT TO BE SOLD OR EXCHANGED



**CONTRACT ABCD01234**  
NET WEIGHT: 25 kg, 55.115 lb.  
16 x 4 x 37  
LMR-8



LMR-8

BACK



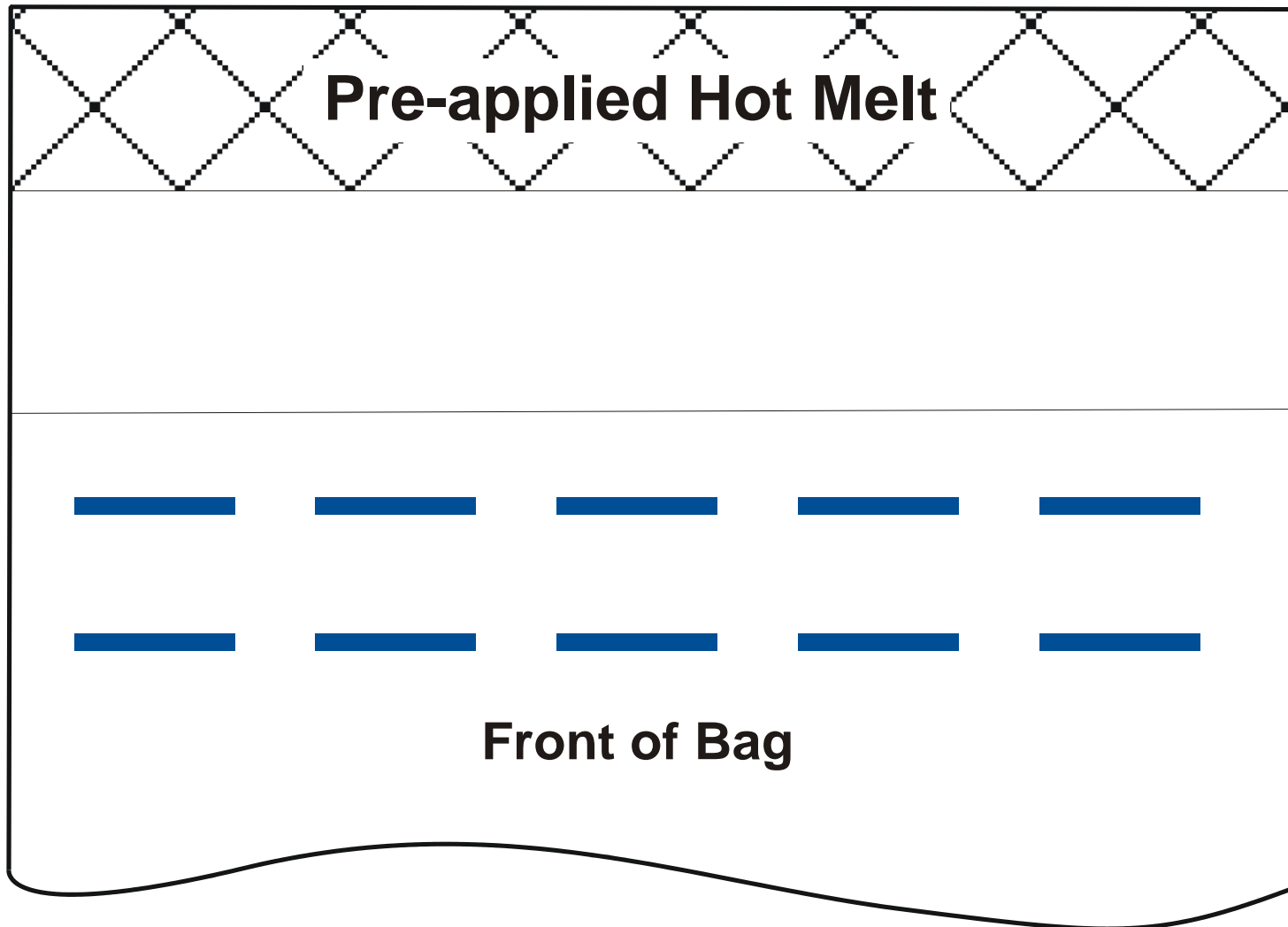
**SOY FORTIFIED  
CORNMEAL**

هدية من  
الشعب الأمريكي

LMR-8



## Bag Closure Guide Location



**High Performance Bags:**  
1 inch blue stripe

