



United States Department of Agriculture

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Marketing and  
Regulatory  
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Agricultural  
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Specialty  
Crops  
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Division

# **Commodity Specification Dry, Edible Beans, Peas, and Lentils**

**June 2014**

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## **I. General**

### **A. U.S. Standards**

Dry, edible beans, peas and lentils (product/commodity) produced under this Commodity Specification must meet the requirements specified in the applicable United States Standards for Beans, Whole Dry Peas, Split Peas and Lentils (U.S. Standards) effective on the date of the Solicitation/Invitation for Bid (IFB). The U.S. Standards are published separately and are incorporated herein and made a part of this Commodity Specification.

### **B. Exceptions to U.S. Standards**

Exceptions to the U.S. Standards for the Department of Agriculture (USDA) purchases are found in Section II, Commodity Specifications, of this document. Additional exceptions may be specified in the applicable Solicitation/IFB. Any exceptions contained in the applicable Solicitations/IFB shall have precedence over the requirements contained herein, for that Solicitation/IFB only.

### **C. Product Origin**

1. Commodities delivered pursuant to this Commodity Specification shall have originated from crops that have been 100% grown, processed, and packed in the United States, its territories or possessions, the Commonwealth of Puerto Rico, or the Trust Territories of the Pacific Islands, (hereinafter referred to as the United States). See Section I., F. of the Master Solicitation.
2. If the contractor handles any commodity originating from sources other than the United States, the contractor must have a written plan to segregate the commodity. This segregation plan will include an identification and record system for all commodities to ensure they are completely segregated and cannot be used to fulfill purchase orders awarded by USDA. Such segregation plan must be made available to representatives of the Agricultural Marketing Service (AMS).
3. The contractor must maintain positive written documentation records evidencing 100 percent domestic origin, to the grower level. Contractors must also ensure that the documentation provided by any subcontractors demonstrates the same level of traceability. The burden of proof of compliance is on the contractor.
4. Documentation may include load or warehouse storage receipts for raw product (i.e., bin tags), product blend (formulation) records, product coding explanations, finished product warehousing records, shipping or payment records, or other documentation or evidence that clearly establishes the product's domestic origin.
5. Such records must be available for review by the Government in accordance with FAR 52.214-26. In the event of an audit, AMS auditors will examine documents to verify compliance.

6. Self-certifications by contractors and subcontractors will not be accepted.
7. Failure to observe this requirement may lead to suspension or debarment, purchase order termination, and penalties at Title 18, Section 1001 of the US Code concerning falsification of information.

**D. Kosher Products**

Occasionally, USDA solicits offers to sell KOSHER products. Such products are identified on the solicitation with the letter “K” incorporated into the WBSCM material descriptions. Vendors must comply with the applicable dietary (KOSHER) laws as established by the “613 COUNCIL OF KASHRUTH” in the production of these commodity products. Vendors must not bid on these purchase units unless they can be properly certified.

Vendors receiving purchase order items identified as “KOSHER” must contact the Board of Jewish Education of Greater New York (BJENY) at telephone 646-472-5365 **prior to manufacturing** the commodity product to arrange for certification of compliance with applicable dietary (kosher) laws.

**E. Packing Season**

All dry edible beans, peas and lentils must be from the current packing season/crop year, unless otherwise specified in the applicable Solicitation/IFB.

**F. Classes of Beans, Peas and Lentils**

Dry edible beans – Pinto Beans, Red Beans (small red type only), Black eye Beans, Light Red Kidney Beans, Dark Red Kidney Beans, Baby Lima Beans, Pink Beans, Great Northern Beans, Garbanzo Beans, Pea, Lentils, Split Green, and Pigeon Peas.

**NOTE:** Pigeon Peas are botanically known as *Cajanus Cajan* from the family *leguminosae*, which are known to be grown in Puerto Rico region and the U.S. Virgin Islands.

**G. Grade of Beans**

**Dry Edible Beans**

Dry, edible beans delivered to USDA shall be grade U.S. No. 1, except U.S. No. 2 for splits, and shall meet the specifications for the class (es) of beans listed in the Solicitation/IFB and in the U.S. Standards for Beans effective at the date of the Solicitation/IFB. The exception for splits applies when splits are a grade-determining factor. In this situation, the commodity inspection certificate issued by the Federal Grain Inspection Service (FGIS) shall state that the beans meet this commodity specification and would have graded U.S. No. 1 except for splits.

**Bulk Dry Edible Beans for Further Processing**

Dry, edible beans delivered to USDA for further processing shall be grade **U.S. No. 1**, and must meet the details outlined in this specification. Dry, edible beans shall also meet the specifications for the class of beans listed in the Solicitation/IFB and in the U.S. Standards for Beans effective at the date of the Solicitation/IFB.

**• Pinto Beans 50 Pounds**

1. Pack Size – 50 pounds bags, triple wall paper.
2. Moisture – 14% to 16% moisture not to exceed 18% moisture.
3. Total Defects (excludes contrasting classes and splits) – 0.3150% or 143 grams per CWT.
4. Damage – 0.30% or 136 grams per CWT.
5. Foreign Material (total including stones) – 0.015% or 6.80 grams per CWT.
  - a. Stones – 1 stone per 40,000 pounds. No more than one stone 2 mm or greater in size.
  - b. Sclerotia – No more than 1 piece per 1,000 pounds.
  - c. Goat Heads – zero tolerance.
  - d. Stems, pods, berries and other vegetable matter – 0.005% or 2.27 grams per CWT.
  - e. Dissolvable soil, dirt balls – 0.01% or 4.5 grams per CWT.
6. Splits – 1% maximum or 454 grams per CWT.
7. Glass, metal, or plastic – Zero tolerance.
8. Allergens (soybeans or wheat) – Zero tolerance.
9. Seed size per 100 grams – 250 to 300.
10. Contrasting class – 0.05% or 22.7 per CWT.
11. Classes that blend – 0.5% or 220.7 grams per CWT.
12. Flavor and odor – Free from objectionable flavors or odors.
13. Live weevils – Zero tolerance.

**• Pinto Beans 2,000 Pounds**

1. Pack Size – 2,000 pound totes or super sacks.
2. Moisture – 10% to 15% moisture.
3. Total defects (excluding contrasting classes and splits) – 0.38% per CWT.

4. Damage – 0.30% per CWT.
5. Foreign material (total excluding stone) – 0.08% per CWT.
  - a. Stones – 0.02% per CWT.
  - b. Sclerotia – No more than 1 piece per 1,000 pounds.
  - c. Goat Heads – Zero tolerance.
  - d. Stems, pods, berries and other vegetable matter – 0.01% per CWT.
  - e. Dissolvable soil, dirt balls – 0.05% per CWT.
6. Splits – 1% per CWT.
7. Glass, metal, or plastic – Zero tolerance.
8. Allergens (soybean or wheat) – Zero tolerance.
9. Seed size per 100 grams – 80 to 100 per ounce.
10. Contrasting class – 0.05% per CWT.
11. Classes that blend – 0.5% per CWT.
12. Flavor and odor – Free from objectionable flavors or odor.
13. Live weevils - Zero tolerance.

- **Dry Split Peas**

Dry split peas of the class Green Split Peas or Yellow Split Peas shall be grade U.S. No. 1 and shall meet the specification for the classes of peas listed in the Solicitation/IFB and in the U.S. Standards for Whole Dry Peas, Split Peas and Lentils effective at the date of the Solicitation/IFB.

- **Lentils**

Lentils shall be of the class Lentils and shall be grade U.S. No. 1 and shall meet the specification for the classes of lentils listed in the Solicitation/IFB and in the U.S. Standards for Whole Dry Peas, Split Peas and Lentils effective at the date of the Solicitation/IFB.

## **H. Markings, Labels, and Packaging**

Commercial labels and packaging are acceptable as long as it meets the Food and Drug Administration requirements. The following applies for commercial labels and packaging:

1. Intermingling of labeling methods is not acceptable in a shipping unit (truckload).
2. Two or more different commercial labels are not allowed in a shipping unit (truckload).

3. The manufacturer must establish a product identification coding and record systems that clearly link product by place and date of manufacture to specific USDA purchase orders and destinations.
4. The required product identification and record systems, including codes, must be reviewed and approved by FGIS. FGIS will include the product identification codes on the Commodity Inspection Certificate (Form FGIS-993) that will accompany the product to destination.
5. The product identification code used for traceability must be placed in a visible location on all primary containers in such a manner that it shall not be removed.

**The following applies to USDA labels and packaging requirements:**

The contractor must place a unique lot code for every lot offered for inspection on all primary and secondary containers except plastic for balers. The contractor may use any type of codes desired and may place the codes anywhere on the outside of the containers. Specific codes can only be used one time for each purchase order. Lots that are not uniquely marked will be treated as any other lot with marking deficiencies and rejected.

1. Primary Containers

The product must be packed in bags and/or shipping containers or balers as specified in the Solicitation/IFB. Containers will be of a type normally and successfully used in commercial channels by the industry and shall conform to the applicable carrier rules and regulations. The terms “**two-pounds**”, “**twenty-five-pounds**”, and “**one hundred-pounds**” refer to a net weight of two pounds, twenty-five pounds, and one hundred pounds, respectively.

- **Two-pound Packages**

- a. Plastic bags will have FDA approval for dry, edible beans, peas and lentils, and be suitable for safe distribution to domestic users.
- b. The bag markings shall be in **black ink** and shall be of the design shown in mechanicals for base art and overlay (See Exhibit 1). These mechanical layouts, suitable for reproduction, are available from the Contracting Officer upon request. The Universal Product Code (UPC) bar code must be placed on the labels and on shipping cases (See Exhibit 5). The net weight must be expressed in metric as well as avoirdupois units.

- **25-pound Bags.**

Materials used may be paper or woven polypropylene approved for use by FDA, and shall be suitable for safe distribution to domestic users.

- **100-pound Bags.**

When the Solicitation/IFB calls for product in 100-pound bags, the materials may be:

- a. Woven polypropylene bags, or
- b. New burlap bags.

#### 2,000-pound Totes

When the Solicitation/IFB calls for product in 2,000-pound totes, the totes must be FDA approved commercially acceptable totes for safe transportation.

**Label markings for 2,000-pound totes must be “Exhibit 3” Alternative Label for Shipping Containers. One label must be affixed to each tote.**

All containers must be completely sealed. Totes must be sealed or may be tied closed. **Open totes are not acceptable.**

- **For 25-pound and 100-pound Bag Markings**

All containers must be of food grade quality in compliance with the Food Additives Regulations of the Federal Food and Drug Administration. See Exhibit 1.

All containers must be completely sealed.

2. Secondary Container (case) Markings

#### Shipping Containers and Balers for Two-Pound Packages

Product in two-pound packages shall be packed in new, corrugated fiberboard shipping containers, multiwall paper balers, or plastic balers. Corrugated fiberboard shipping containers may be sealed by plastic tape in lieu of glue. The tape must be of sufficient width and strength that is used commercially to be acceptable by common carriers for safe transportation to destinations. The tape must extend down the sides or ends at least two inches without interfering with the case markings. A tape of see-through type may be used, and may also be used on the plastic balers. A gummed paper tape may be used to close the paper balers; however, the paper tape will not overlap any of the printing on the balers.

Cases must be marked in such a manner that they contain all of the statements or information contained in Exhibit 2, “Required markings for Shipping Containers or Balers.” Case markings must be clearly marked and easily read.

Cases may be marked by printing or stenciling or by an alternative, preprinted, self-adhesive label or stickers. Self-adhesive label or stickers must be affixed to the case in such a manner that they cannot be removed intact.

Cases must have the recycling statement shown in Exhibit 6, “Please Recycle” Symbol and Statement or Exhibit 7 “Corrugated Recycles” Symbol and Statement.

No markings other than those permitted under this section must appear on the shipping containers, balers, or bags unless approved by USDA.



**I. Universal Product Codes (UPC)**

Contractor's UPC is acceptable for commercial labels and packaging.

Primary label and shipping container UPC for USDA products are listed in Exhibit 5. The contractor's UPC is not acceptable for USDA's labels and packaging requirements. The primary container UPC must be positioned on the label as shown in Exhibit 4. The shipping container UPC must be marked on the case as shown in Exhibit 4.

**J. Palletization Requirements**

## 1. Pallets

Pallets must be on 48 X 40 inch, non-reversible, flush stringer, and partial four-way entry. New pallets must be good quality woods. Used pallets must be No.1 hardwood or its equivalent in new softwood. **Broken or damaged pallets are unacceptable.** If pallet exchange is desired, the contractor shall arrange for pallet exchange with consignees. USDA is in no way responsible for arrangement of pallet exchange.

## 2. Unitization

Each delivery unit of bean products must be unitized. Shipping cases must be stacked and secured from top to bottom, so that each container and layer of containers becomes an integral part of the pallet. Either stretch wrapping with plastic film or "lock 'n pop" is acceptable. The palletized product must be loaded in the conveyance in such a way that will prevent shifting and damage to the containers of product.

**K. Shipment and Delivery**

## 1. Quantity Tolerance

Contractor will be allowed a tolerance on the final delivery of plus or minus 50 cases of **each product**, from **each shipping point** named in the purchase order.

**II. Commodity Specifications**

## Net Weight Specifications

The average net weight shall meet the weight as specified by the label. No individual container shall weigh less than the under fill limit. Lots found to have any containers weighing less than the under-fill limit will be rejected.

<u>Net Weight Requirement</u>	<u>Under-Fill Limit</u>
2.0 pounds	1.96 pounds
25.0 pounds	24.6 pounds
100.0 pounds	98 pounds
Over 100.0 pounds	98 percent

### **III. Inspection and Checkloading**

#### **A. Requirements**

FGIS must perform the inspection and checkloading required by section X of the Master Solicitation. Inspection of bean products must be performed not more than 90 days prior to shipment. Whether each lot offered meets the product and container requirements of the purchase order must be determined on the basis of representative sample units. Representative sample units will be graded according to the Regulations Governing Inspection and Certification of Dry Edible Beans, Peas and Lentils and the United States Standards for Condition of Food Containers (7 C.F.R. part 42.140), effective on the date of the Solicitation/IFB.

#### **B. Certification**

Subject to (See section X of the Master Solicitation) the acceptability of the quality, weight, packaging, and checkloading of the product must be evidenced by certificates issued by FGIS. No product shall be shipped unless FGIS informs the contractor that a designated lot is acceptable. Notice by FGIS that a designated lot scheduled for shipment does not meet requirements of the purchase order shall constitute rejection of such lot.

#### **C. Procedures**

The contractor must give the FGIS at least 7 days advance notice when scheduling inspection service.

Contractors are encouraged to submit requests for inspection and weighing services in writing (FGIS-907) with verifiable receipt notice, such as fax log, to alleviate possible miscommunication.

### **IV. Failure to Meet Specifications**

Any lot that fails applicable specifications prescribed herein will be rejected as not acceptable for delivery. If any lot of dry, edible beans, peas and lentils fail to meet the product or packaging requirement, the contractor may request in writing that USDA accept delivery of the lot. USDA may, **at its option**, accept delivery, provided that the purchase price is the purchase order price less a discount to be determined by the Contracting Officer.

**V. Exhibits**

**Exhibit 1**  
**MARKINGS REQUIRED ON 25-LB AND 100-LB BAGS**

DRY EDIBLE BEANS 1/

<u>Letter Size</u>		
25-LB BAGS	100-LB BAGS	
1"	2"	NET WEIGHT _____ <u>2/</u>
1"	1"	PURCHASE ORDER NO. _____ <u>3/</u>
1"	1"	STORE IN COOL, DRY PLACE
1"	1"	PACKED BY _____ <u>4/</u>
		<u>5/</u>

Markings shall be in **DARK BLUE INK**, and are to be placed on one side of the bag. On the reverse side of the bag, print the USDA symbol (at least 5" in diameter) and the packer's name and address – city, state, zip code.

- 1/ Insert class name of beans in conformance with class of beans shown in purchase order (Pink Beans, Pinto Beans, Pea Beans, Navy Beans, etc.)
- 2/ Insert applicable weight and metric equivalents: 25 lbs (11.34 kg), 100 lbs (45.36 kg)
- 3/ Insert the last five digits of the purchase order number.
- 4/ Insert name of Packer and Packer's Address - City, State, and Zip Code.
- 5/ Insert Universal Product Code (see Exhibit 3).

**Exhibit 2**  
**Required Markings for Shipping Containers**  
**ALL PRINTING TO BE IN BLACK INK**

BOTH SIDE PANELS

PRODUCT NAME

1/

2/

USDA SYMBOL

STORE IN COOL, DRY PLACE

BOTH END PANELS

PRODUCT NAME

PURCHASE ORDER NO. 3/

4/

5/

Product name must be printed or stenciled on a separate line in letters at least three-fourths inch high, and all other information must be in letters less than three-fourths inch but at least three-eighths inch high. The USDA Food Symbol must be printed, stamped, or labeled and be of sufficient size to stand out prominently. Case markings must be limited to case codes and those contained in this Exhibit.

- 1/ Insert any additional product style, pack, packing media, or further definition as applicable; (i.e. Dry Lentils, etc.).
  - 2/ Insert the size and number of packages per case, i.e. 1/12 pound bags, 25 pound bags,
  - 3/ Insert the last five digits of the purchase order number.
  - 4/ Insert name of Packer and Packer's Address - City, State, and Zip Code. This information can be placed on the end panels or the side panels.
  - 5/ Insert Universal Product Code (see Exhibit "3").
- Recycle symbols and statements can be placed on bottom panels (Exhibit "6" and "7").

**Exhibit 3**

**Alternative Label for Shipping Containers**  
(Includes all Required Information)



**Product Name**

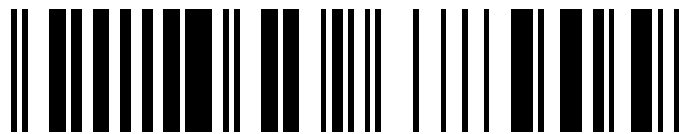
**Size/Number per case**

**Purchase Order Number xxxxx**

**Packed by: ABC Growers**

**Any Town, CA 99999**

**STORE IN A COOL DRY PLACE**



1 07 15001 00382 6

**Exhibit 4**

**Sample Alternative Label for Shipping Containers**



**Dry Pinto Beans**

**12/2 Pound Bags**

**Purchase Order Number xxxxx**

**Packed by: ABC Growers**

**Any Town, CA 99999**

**STORE IN A COOL DRY PLACE**

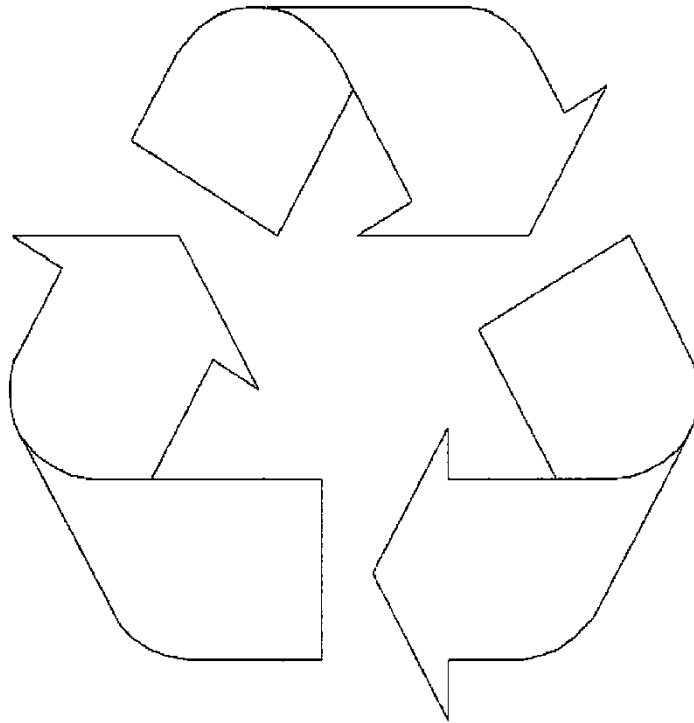


1 1 1 07 15001 00382 6

**Exhibit 5****Universal Product Codes**

Dry Beans, Peas, Lentils	WBCSM		
	Materials	Primary Container	Shipping Container
BEANS BLACKEYE DRY PKG-12/2 LB	100374	7 15001 00374 4	1 07 15001 00374 7
BEANS SMALL RED DRY PKG-12/2 LB	100375	7 15001 00375 1	1 07 15001 00375 8
BEANS DRY SPLIT PEA PKG-12/2 LB	100376	7 15001 00376 8	1 07 15001 00376 5
BEANS NAVY PEA DRY BAG-25 LB	100377	7 15001 00377 5	1 07 15001 00377 2
BEANS BABY LIMA DRY PKG-12/2 LB	100378	7 15001 00378 2	1 07 15001 00378 9
BEANS PINK DRY PKG-12/2 LB	100379	7 15001 00379 9	1 07 15001 00379 6
BEANS GREAT NORTHERN DRY PKG-12/2 LB	100380	7 15001 00380 5	1 07 15001 00380 2
K BEANS GREAT NORTHERN DRY PKG-12/2 LB (KOSHER)	110403	7 15001 10403 2	1 07 15001 10403 5
BEANS GREAT NORTHERN DRY BAG-25 LB	100381	7 15001 00381 9	1 07 15001 00381 6
BEANS PINTO DRY PKG-12/2 LB	100382	7 15001 00382 9	1 07 15001 00382 6
BEANS PINTO DRY BAG-25 LB	100383	7 15001 10383 3	1 07 15001 10383 0
BEANS PINTO DRY BAG-50 LB	110382	7 15001 10382 4	1 07 15001 10382 7
BEANS PINTO DRY TOTE-2,000 LB	110381	7 15001 10381 4	1 07 15001 10381 1
BEANS DARK RED KIDNEY DRY PKG-12/2 LB	100384	7 15001 00384 3	1 07 15001 00384 0
BEANS LIGHT RED KIDNEY DRY PKG-12/2 LB	100385	7 15001 00385 0	1 07 15001 00385 7
LENTILS DRY PKG-12/2 LB	100388	7 15001 10388 8	1 07 15001 10388 5
LENTILS DRY BAG-25 LB	101014	7 15001 01014 8	1 07 15001 01014 5
BEANS DRY GARBANZO PKG-12/2 LB	101020	7 15001 01020 6	1 07 15001 01020 5
K BEANS NAVY PEA DRY BAG-25 LB (KOSHER)	110065	7 15001 10065 8	1 07 15001 10065 5
K BEANS GREAT NORTHERN DRY BAG-25 LB (KOSHER)	110066	7 15001 10066 5	1 07 15001 10066 2
BEANS GARBANZO DRY BAG-25 LB	110089	7 15001 10089 4	1 07 15001 10089 1

**Exhibit 6**  
**“Please Recycle” Symbol and Statement**



**PLEASE  
RECYCLE**



**Exhibit 7**  
**“Corrugated Recycles” Symbol and Statement**



**Corrugated  
Recycles**

**Exhibit 8**  
**USDA Symbol**

