# 875 - Grocery Products Purchase Order

## Version: 004010 UCS

**Company:** DOT FOODS, INC.

# 875

# Grocery Products Purchase Order

## Functional Group=OG

**Purpose:** This Draft Standard for Trial Use contains the format establishes the data contents of the Grocery Products Purchase Order Transaction Set (875) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide for customary and established grocery industry practice relative to the placement of purchase orders for finished goods in a retail or wholesale consumer market. This standard can be used by a retailer or wholesaler organization to request delivery of finished goods from a broker or supplier organization. This transaction set should not be used to convey purchase order changes or purchase order acknowledgement information.

## Not Defined:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes |
|-----|-----|-------------|-----|---------|--------|-------|
| | ISA | Interchange Control Header | M | 1 | | |
| | GS | Functional Group Header | M | 1 | | |

## Heading:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes |
|-----|-----|-------------|-----|---------|--------|-------|
| 010 | ST | Transaction Set Header | M | 1 | | |
| 020 | G50 | Purchase Order Identification | M | 1 | | |
| 030 | N9 | Reference Identification | O | 50 | | |
| 040 | G61 | Contact | O | 3 | | |
| 050 | G62 | Date/Time | O | 10 | | |
| 060 | NTE | Note/Special Instruction | O | 20 | | |
| 070 | G66 | Transportation Instructions | O | 1 | | |
| **LOOP ID - 0100** | | | | | **10** | **N1/090L** |
| 090 | N1 | Name | M | 1 | | N1/090 |
| 110 | N3 | Address Information | O | 2 | | |
| 120 | N4 | Geographic Location | O | 1 | | |
| **LOOP ID - 0100** | | | | | **10** | **N1/090L** |
| 090 | N1 | Name | M | 1 | | N1/090 |
| 110 | N3 | Address Information | O | 2 | | |
| 120 | N4 | Geographic Location | O | 1 | | |
| **LOOP ID - 0100** | | | | | **10** | **N1/090L** |
| 090 | N1 | Name | M | 1 | | N1/090 |
| 110 | N3 | Address Information | O | 2 | | |
| 120 | N4 | Geographic Location | O | 1 | | |

## Detail:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes |
|-----|-----|-------------|-----|---------|--------|-------|
| **LOOP ID - 0300** | | | | | **9999** | |
| 010 | G68 | Line Item Detail - Product | M | 1 | | |
| 020 | G69 | Line Item Detail - Description | O | 5 | | |

## Summary:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes |
|-----|-----|-------------|-----|---------|--------|-------|
| 010 | G76 | Total Purchase Order | M | 1 | | |
| 020 | SE | Transaction Set Trailer | M | 1 | | |

## Not Defined:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes |
|-----|-----|-------------|-----|---------|--------|-------|
| | GE | Functional Group Trailer | M | 1 | | |
| | IEA | Interchange Control Trailer | M | 1 | | |

# ISA    Interchange Control Header

| | | |
|---|---|---|
| **Pos:** | | **Max: 1** |
| | **Not Defined - Mandatory** | |
| **Loop: N/A** | | **Elements: 16** |

**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control segments

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| ISA01 | I01 | **Authorization Information Qualifier** | M | ID | 2/2 | Must use | 1 |

**Description:** Code to identify the type of information in the Authorization Information

**CodeList Summary** (Total Codes: 7, Included: 1)

| Code | Name |
|---|---|
| 00 | No Authorization Information Present (No Meaningful Information in I02) |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| ISA02 | I02 | **Authorization Information** | M | AN | 10/10 | Must use | 1 |

**Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| ISA03 | I03 | **Security Information Qualifier** | M | ID | 2/2 | Must use | 1 |

**Description:** Code to identify the type of information in the Security Information

**CodeList Summary** (Total Codes: 2, Included: 1)

| Code | Name |
|---|---|
| 00 | No Security Information Present (No Meaningful Information in I04) |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| ISA04 | I04 | **Security Information** | M | AN | 10/10 | Must use | 1 |

**Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| ISA05 | I05 | **Interchange ID Qualifier** | M | ID | 2/2 | Must use | 1 |

**Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

**CodeList Summary** (Total Codes: 38, Included: 1)

| Code | Name |
|---|---|
| 08 | UCC EDI Communications ID (Comm ID) |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| ISA06 | I06 | **Interchange Sender ID** | M | AN | 15/15 | Must use | 1 |

**Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element
**Dot Foods:** *9288030000*

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| ISA07 | I05 | **Interchange ID Qualifier** | M | ID | 2/2 | Must use | 1 |

**Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| ISA08 | I07 | **Interchange Receiver ID** | M | AN | 15/15 | Must use | 1 |

**Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ISA09 | I08 | **Interchange Date** | M | DT | 6/6 | Must use | 1 |

**Description:** Date of the interchange

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ISA10 | I09 | **Interchange Time** | M | TM | 4/4 | Must use | 1 |

**Description:** Time of the interchange

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ISA11 | I10 | **Interchange Control Standards Identifier** | M | ID | 1/1 | Must use | 1 |

**Description:** Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer
**All valid X12 codes are used. (Total Codes: 1)**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ISA12 | I11 | **Interchange Control Version Number** | M | ID | 5/5 | Must use | 1 |

**Description:** This version number covers the interchange control segments

**CodeList Summary** (Total Codes: 14, Included: 1)

| <u>Code</u> | <u>Name</u> |
|---|---|
| 00307 | Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1996 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ISA13 | I12 | **Interchange Control Number** | M | N0 | 9/9 | Must use | 1 |

**Description:** A control number assigned by the interchange sender

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ISA14 | I13 | **Acknowledgment Requested** | M | ID | 1/1 | Must use | 1 |

**Description:** Code sent by the sender to request an interchange acknowledgment (TA1)

**CodeList Summary** (Total Codes: 2, Included: 1)

| <u>Code</u> | <u>Name</u> |
|---|---|
| 0 | No Acknowledgment Requested |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ISA15 | I14 | **Usage Indicator** | M | ID | 1/1 | Must use | 1 |

**Description:** Code to indicate whether data enclosed by this interchange envelope is test, production or information

**CodeList Summary** (Total Codes: 3, Included: 1)

| <u>Code</u> | <u>Name</u> |
|---|---|
| P | Production Data |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ISA16 | I15 | **Component Element Separator** | M | ID | 1/1 | Must use | 1 |

**Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

# GS    Functional Group Header

<table>
<tr><td>Pos:</td><td></td><td>Max: 1</td></tr>
<tr><td colspan="3" align="center">Not Defined - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td></td><td>Elements: 8</td></tr>
</table>

**Purpose:** To indicate the beginning of a functional group and to provide control information

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| GS01 | 479 | **Functional Identifier Code** | M | ID | 2/2 | Must use | 1 |

**Description:** Code identifying a group of application related transaction sets

**CodeList Summary** (Total Codes: 234, Included: 1)

| Code | Name |
|------|------|
| OG | Order Group - Grocery (875, 876) |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| GS02 | 142 | **Application Sender's Code** | M | AN | 2/15 | Must use | 1 |

**Description:** Code identifying party sending transmission; codes agreed to by trading partners
**Dot Foods:** *9288030000*

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| GS03 | 124 | **Application Receiver's Code** | M | AN | 2/15 | Must use | 1 |

**Description:** Code identifying party receiving transmission. Codes agreed to by trading partners

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| GS04 | 373 | **Date** | M | DT | 8/8 | Must use | 1 |

**Description:** Date expressed as CCYYMMDD

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| GS05 | 337 | **Time** | M | TM | 4/8 | Must use | 1 |

**Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| GS06 | 28 | **Group Control Number** | M | N0 | 1/9 | Must use | 1 |

**Description:** Assigned number originated and maintained by the sender

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| GS07 | 455 | **Responsible Agency Code** | M | ID | 1/2 | Must use | 1 |

**Description:** Code used in conjunction with Data Element 480 to identify the issuer of the standard

**CodeList Summary** (Total Codes: 2, Included: 1)

| Code | Name |
|------|------|
| T | Transportation Data Coordinating Committee (TDCC) |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| GS08 | 480 | **Version / Release / Industry Identifier Code** | M | AN | 1/12 | Must use | 1 |

**Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

**CodeList Summary** (Total Codes: 36, Included: 1)

| Code | Name |
|------|------|
| 004010 | Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997 |

# ST — Transaction Set Header

**ST**  **Transaction Set Header**

| | | | | | | | |
|---|---|---|---|---|---|---|---|

**Pos: 010**  **Max: 1**
**Heading - Mandatory**
**Loop: N/A**  **Elements: 2**

**Purpose:** To indicate the start of a transaction set and to assign a control number

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| ST01 | 143 | **Transaction Set Identifier Code** | M | ID | 3/3 | Must use | 1 |

**Description:** Code uniquely identifying a Transaction Set

**CodeList Summary** (Total Codes: 298, Included: 1)

| Code | Name |
|---|---|
| 875 | Grocery Products Purchase Order |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| ST02 | 329 | **Transaction Set Control Number** | M | AN | 4/9 | Must use | 1 |

**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

# G50 Purchase Order Identification

**Pos: 020**        **Max: 1**
**Heading - Mandatory**
**Loop: N/A**        **Elements: 4**

**Purpose:** To transmit identifying dates and numbers for this transaction set

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G5001 | 473 | **Order Status Code** | M | ID | 1/1 | Must use | 1 |

**Description:** Code identifying purpose of transaction set

**CodeList Summary** (Total Codes: 12, Included: 1)

| Code | Name |
|------|------|
| N | Original |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G5002 | 373 | **Date** | M | DT | 8/8 | Must use | 1 |

**Description:** Date expressed as CCYYMMDD

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G5003 | 324 | **Purchase Order Number** | M | AN | 1/22 | Must use | 1 |

**Description:** Identifying number for Purchase Order assigned by the orderer/purchaser

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G5007 | 92 | **Purchase Order Type Code** | M | ID | 2/2 | Must use | 1 |

**Description:** Code specifying the type of Purchase Order

**CodeList Summary** (Total Codes: 69, Included: 2)

| Code | Name |
|------|------|
| DS | Dropship |
| NE | New Order |

# N9     Reference Identification

**Pos: 030**       **Max: 50**
**Heading - Optional**
**Loop: N/A**       **Elements: 2**

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|--------------|-----|------|---------|-------|-----|
| N901 | 128 | **Reference Identification Qualifier** | M | ID | 2/3 | Must use | 1 |

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1503, Included: 1)

| Code | Name |
|------|------|
| CO | Customer Order Number |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|--------------|-----|------|---------|-------|-----|
| N902 | 127 | **Reference Identification** | C | AN | 1/30 | Used | 1 |

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
**Dot Foods:** *Customer PO Number*

## Dot Foods:

*This segment will be sent only if the G5007 = DS for Drop Ship.*

# G61    Contact

Pos: 040       Max: 3
Heading - Optional
Loop: N/A       Elements: 4

**Purpose:** To identify a person or office to whom communications should be directed

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|------|-----|-------------|-----|------|---------|-------|-----|
| G6101 | 366 | **Contact Function Code** | M | ID | 2/2 | Must use | 1 |

**Description:** Code identifying the major duty or responsibility of the person or group named

**CodeList Summary** (Total Codes: 230, Included: 1)

| Code | Name |
|------|------|
| BD | Buyer Name or Department |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|------|-----|-------------|-----|------|---------|-------|-----|
| G6102 | 93 | **Name** | M | AN | 1/60 | Must use | 1 |

**Description:** Free-form name
**Dot Foods:** *Buyer Name*

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|------|-----|-------------|-----|------|---------|-------|-----|
| G6103 | 365 | **Communication Number Qualifier** | C | ID | 2/2 | Used | 1 |

**Description:** Code identifying the type of communication number

**CodeList Summary** (Total Codes: 40, Included: 1)

| Code | Name |
|------|------|
| TE | Telephone |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|------|-----|-------------|-----|------|---------|-------|-----|
| G6104 | 364 | **Communication Number** | C | AN | 1/80 | Used | 1 |

**Description:** Complete communications number including country or area code when applicable
**Dot Foods:** *Phone Number*

## Dot Foods:
*This segment will be sent only if the G5007 = DS for Drop Ship.*

# G62    **Date/Time**

**Pos: 050**      **Max: 10**
**Heading - Optional**
**Loop: N/A**      **Elements: 2**

**Purpose:** To specify pertinent dates and times

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|--------------|-----|------|---------|-------|-----|
| G6201 | 432 | **Date Qualifier** | C | ID | 2/2 | Used | 1 |

**Description:** Code specifying type of date

**CodeList Summary** (Total Codes: 137, Included: 2)

| Code | Name |
|------|------|
| 02 | Delivery Requested on This Date |
| 10 | Requested Ship Date/Pick-up Date |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|--------------|-----|------|---------|-------|-----|
| G6202 | 373 | **Date** | C | DT | 8/8 | Used | 1 |

**Description:** Date expressed as
CCYYMMDD

# Note/Special Instruction

**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| NTE01 | 363 | **Note Reference Code** | O | ID | 3/3 | Used | 1 |
| | | **Description:** Code identifying the functional area or purpose for which the note applies | | | | | |
| NTE02 | 352 | **Description** | M | AN | 1/80 | Must use | 1 |
| | | **Description:** A free-form description to clarify the related data elements and their content | | | | | |

# G66    Transportation Instructions

Pos: 070      Max: 1
**Heading - Optional**
Loop: N/A      Elements: 3

**Purpose:** To specify transportation instructions relating to the shipment

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G6601 | 146 | **Shipment Method of Payment** | O | ID | 2/2 | Used | 1 |

**Description:** Code identifying payment terms for transportation charges
**Dot Foods:** *This element will be sent only if G5007 = DS for Drop Ship.*
*If G6601 equals PC, Dot will bill the customer for freight.*

**CodeList Summary** (Total Codes: 28, Included: 3)

| Code | Name |
|------|------|
| BP | Paid by Buyer |
| PC | Prepaid but Charged to Customer |
| PS | Paid by Seller |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G6602 | 91 | **Transportation Method/Type Code** | O | ID | 1/2 | Used | 1 |

**Description:** Code specifying the method or type of transportation for the shipment
**Dot Foods:** *If Transportation Method/Type Code is "M" vendor will arrange freight.*

**CodeList Summary** (Total Codes: 71, Included: 5)

| Code | Name |
|------|------|
| H | Customer Pickup |
| M | Motor (Common Carrier) |
| T | Best Way (Shippers Option) |
| U | Private Parcel Service |
| AE | Air Express |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G6605 | 387 | **Routing** | O | AN | 1/35 | Used | 1 |

**Description:** Free-form description of the routing or requested routing for shipment, or the originating carrier's identity
**Dot Foods:** *This element will be sent only if G5007 = DS for Drop Ship and if G6602 = AE for Air Express. Value will be Overnight, 2nd Day or 3rd Day.*

# N1    Name

Pos: 090          Max: 1
**Heading - Mandatory**
Loop: 0100       Elements: 4

**Purpose:** To identify a party by type of organization, name, and code

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|----|--------------|-----|------|---------|-------|-----|
| N101 | 98 | **Entity Identifier Code** | M | ID | 2/3 | Must use | 1 |

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1312, Included: 1)

| Code | Name |
|------|------|
| SF | Ship From |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|----|--------------|-----|------|---------|-------|-----|
| N102 | 93 | **Name** | C | AN | 1/60 | Used | 1 |

**Description:** Free-form name

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|----|--------------|-----|------|---------|-------|-----|
| N103 | 66 | **Identification Code Qualifier** | C | ID | 1/2 | Used | 1 |

**Description:** Code designating the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 215, Included: 1)

| Code | Name |
|------|------|
| 9 | D-U-N-S+4, D-U-N-S Number with Four Character Suffix |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|----|--------------|-----|------|---------|-------|-----|
| N104 | 67 | **Identification Code** | C | AN | 2/80 | Used | 1 |

**Description:** Code identifying a party or other code

# N3 Address Information

Pos: 110     Max: 2
Heading - Optional
Loop: 0100     Elements: 2

**Purpose:** To specify the location of the named party

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|------|-----|--------------------|-----|------|---------|----------|-----|
| N301 | 166 | **Address Information** | M | AN | 1/55 | Must use | 1 |
| | | **Description:** Address information | | | | | |
| N302 | 166 | **Address Information** | O | AN | 1/55 | Used | 1 |
| | | **Description:** Address information | | | | | |

# N4    **Geographic Location**

**Pos: 120**      **Max: 1**
**Heading - Optional**
**Loop: 0100**      **Elements: 4**

**Purpose:** To specify the geographic place of the named party

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-----|-----|-----|-----|-----|-----|
| N401 | 19 | **City Name** | O | AN | 2/30 | Used | 1 |
| | | **Description:** Free-form text for city name | | | | | |
| N402 | 156 | **State or Province Code** | O | ID | 2/2 | Used | 1 |
| | | **Description:** Code (Standard State/Province) as defined by appropriate government agency | | | | | |
| N403 | 116 | **Postal Code** | O | ID | 3/15 | Used | 1 |
| | | **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | | | | | |
| N404 | 26 | **Country Code** | O | ID | 2/3 | Used | 1 |
| | | **Description:** Code identifying the country **Dot Foods:** *US = USA & CA = Canada* | | | | | |

# N1 Name

**Pos: 090**      **Max: 1**
**Heading - Mandatory**
**Loop: 0100**      **Elements: 4**

**Purpose:** To identify a party by type of organization, name, and code

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| N101 | 98 | **Entity Identifier Code** | M | ID | 2/3 | Must use | 1 |

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1312, Included: 1)

| Code | Name |
|------|------|
| BT | Bill-to-Party |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| N102 | 93 | **Name** | C | AN | 1/60 | Used | 1 |

**Description:** Free-form name
**Dot Foods:** *Dot Foods, Inc. or     Dot Foods Canada, Inc.*

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| N103 | 66 | **Identification Code Qualifier** | C | ID | 1/2 | Used | 1 |

**Description:** Code designating the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 215, Included: 1)

| Code | Name |
|------|------|
| 9 | D-U-N-S+4, D-U-N-S Number with Four Character Suffix |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| N104 | 67 | **Identification Code** | C | AN | 2/80 | Used | 1 |

**Description:** Code identifying a party or other code
**Dot Foods:** *Dot Foods: 0256712560000; Dot Foods Canada: 2035370220000*

# N3 Address Information

**Pos: 110**      **Max: 2**
**Heading - Optional**
**Loop: 0100**      **Elements: 2**

**Purpose:** To specify the location of the named party

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|------|-----|------|---------|-------|-----|
| N301 | 166 | **Address Information** | M | AN | 1/55 | Must use | 1 |
| | | **Description:** Address information | | | | | |
| N302 | 166 | **Address Information** | O | AN | 1/55 | Used | 1 |
| | | **Description:** Address information | | | | | |

# N4    **Geographic Location**

**Pos: 120**      **Max: 1**
**Heading - Optional**
**Loop: 0100**      **Elements: 4**

**Purpose:** To specify the geographic place of the named party

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|------|-----|------|---------|-------|-----|
| N401 | 19 | **City Name** | O | AN | 2/30 | Used | 1 |
| | | **Description:** Free-form text for city name | | | | | |
| N402 | 156 | **State or Province Code** | O | ID | 2/2 | Used | 1 |
| | | **Description:** Code (Standard State/Province) as defined by appropriate government agency | | | | | |
| N403 | 116 | **Postal Code** | O | ID | 3/15 | Used | 1 |
| | | **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | | | | | |
| N404 | 26 | **Country Code** | O | ID | 2/3 | Used | 1 |
| | | **Description:** Code identifying the country<br>**Dot Foods:** *US = USA & CA = Canada* | | | | | |

# N1  Name

**Pos: 090**        **Max: 1**
**Heading - Mandatory**
**Loop: 0100**        **Elements: 4**

**Purpose:** To identify a party by type of organization, name, and code

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| N101 | 98 | **Entity Identifier Code** | M | ID | 2/3 | Must use | 1 |

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1312, Included: 1)

| Code | Name |
|------|------|
| ST | Ship To |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| N102 | 93 | **Name** | C | AN | 1/60 | Used | 1 |

**Description:** Free-form name

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| N103 | 66 | **Identification Code Qualifier** | C | ID | 1/2 | Used | 1 |

**Description:** Code designating the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 215, Included: 1)

| Code | Name |
|------|------|
| 9 | D-U-N-S+4, D-U-N-S Number with Four Character Suffix |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| N104 | 67 | **Identification Code** | C | AN | 2/80 | Used | 1 |

**Description:** Code identifying a party or other code

## Dot Foods:

*If value in G5007 = DS (drop ship) then the address in the N1*ST loop will be a Dot customer's location rather than a Dot ship-to location.   If customer's DUNS+4 number is available, a "9" will be sent in the N103 and the DUNS+4 will be sent in the N104.  If DUNS+4 is not available, the N103 & N104 will not be sent.*

# N3 — Address Information

**Pos: 110**     **Max: 2**
**Heading - Optional**
**Loop: 0100**     **Elements: 2**

**Purpose:** To specify the location of the named party

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-----|-----|-----|-----|-----|-----|
| N301 | 166 | **Address Information** | M | AN | 1/55 | Must use | 1 |
| | | **Description:** Address information | | | | | |
| N302 | 166 | **Address Information** | O | AN | 1/55 | Used | 1 |
| | | **Description:** Address information | | | | | |

# N4    Geographic Location

**Pos: 120**      **Max: 1**
**Heading - Optional**
**Loop: 0100**      **Elements: 4**

**Purpose:** To specify the geographic place of the named party

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-----|-----|-----|-----|-----|-----|
| N401 | 19 | **City Name** | O | AN | 2/30 | Used | 1 |
| | | **Description:** Free-form text for city name | | | | | |
| N402 | 156 | **State or Province Code** | O | ID | 2/2 | Used | 1 |
| | | **Description:** Code (Standard State/Province) as defined by appropriate government agency | | | | | |
| N403 | 116 | **Postal Code** | O | ID | 3/15 | Used | 1 |
| | | **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | | | | | |
| N404 | 26 | **Country Code** | O | ID | 2/3 | Used | 1 |
| | | **Description:** Code identifying the country<br>**Dot Foods:** *US = USA & CA = Canada* | | | | | |

# G68    Line Item Detail - Product

Pos: 010        Max: 1
Detail - Mandatory
Loop: 0300        Elements: 8

**Purpose:** To specify basic and most frequently used purchase order line item data

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| G6801 | 330 | **Quantity Ordered** | M | R0 | 1/15 | Must use | 1 |

**Description:** Quantity ordered

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| G6802 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 | Must use | 1 |

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 794, Included: 2)

| Code | Name |
|---|---|
| CA | Case |
| EA | Each |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| G6803 | 237 | **Item List Cost** | O | R4 | 1/9 | Used | 1 |

**Description:** Gross unit cost within the appropriate price bracket for a line item

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| G6804 | 438 | **U.P.C. Case Code** | C | AN | 12/12 | Used | 1 |

**Description:** Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| G6805 | 235 | **Product/Service ID Qualifier** | C | ID | 2/2 | Used | 1 |

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 477, Included: 1)

| Code | Name |
|---|---|
| UK | U.P.C./EAN Shipping Container Code (1-2-5-5-1) |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| G6806 | 234 | **Product/Service ID** | C | AN | 1/48 | Used | 1 |

**Description:** Identifying number for a product or service

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| G6807 | 235 | **Product/Service ID Qualifier** | C | ID | 2/2 | Used | 1 |

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 477, Included: 1)

| Code | Name |
|---|---|
| VN | Vendor's (Seller's) Item Number |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|---|---|---|---|---|---|---|---|
| G6808 | 234 | **Product/Service ID** | C | AN | 1/48 | Used | 1 |

**Description:** Identifying number for a product or service

# G69    Line Item Detail - Description

**Pos: 020**      **Max: 5**
**Detail - Optional**
**Loop: 0300**      **Elements: 1**

**Purpose:** To describe an item in free-form format

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G6901 | 369 | **Free-form Description** | M | AN | 1/45 | Must use | 1 |

          **Description:** Free-form descriptive text

# G76 Total Purchase Order

**Purpose:** To specify summary details of total items shipped in terms of quantity, weight, and volume, and to specify payment method

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G7601 | 330 | **Quantity Ordered** | M | R0 | 1/15 | Must use | 1 |

**Description:** Quantity ordered

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G7602 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 | Must use | 1 |

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 794, Included: 1)

| Code | Name |
|------|------|
| CA | Case |

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G7603 | 81 | **Weight** | C | R2 | 1/10 | Used | 1 |

**Description:** Numeric value of weight

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| G7604 | 355 | **Unit or Basis for Measurement Code** | C | ID | 2/2 | Used | 1 |

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 794, Included: 1)

| Code | Name |
|------|------|
| LB | Pound |

# SE

## Transaction Set Trailer

**Pos: 020**            **Max: 1**
**Summary - Mandatory**
**Loop: N/A**            **Elements: 2**

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| SE01 | 96 | **Number of Included Segments** | M | N0 | 1/10 | Must use | 1 |
| | | **Description:** Total number of segments included in a transaction set including ST and SE segments | | | | | |
| SE02 | 329 | **Transaction Set Control Number** | M | AN | 4/9 | Must use | 1 |
| | | **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | | | |

# GE

# Functional Group Trailer

**Pos:**            **Max: 1**
**Not Defined - Mandatory**
**Loop: N/A**          **Elements: 2**

**Purpose:** To indicate the end of a functional group and to provide control information

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|----|--------------|-----|------|---------|-------|-----|
| GE01 | 97 | **Number of Transaction Sets Included** | M | N0 | 1/6 | Must use | 1 |

**Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|----|--------------|-----|------|---------|-------|-----|
| GE02 | 28 | **Group Control Number** | M | N0 | 1/9 | Must use | 1 |

**Description:** Assigned number originated and maintained by the sender

# IEA  Interchange Control Trailer

<table>
<tr><td>Pos:</td><td>Max: 1</td></tr>
<tr><td colspan="2">Not Defined - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control segments

## Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage | Rep |
|-----|-----|-------------|-----|------|---------|-------|-----|
| IEA01 | I16 | **Number of Included Functional Groups** | M | N0 | 1/5 | Must use | 1 |
| | | **Description:** A count of the number of functional groups included in an interchange | | | | | |
| IEA02 | I12 | **Interchange Control Number** | M | N0 | 9/9 | Must use | 1 |
| | | **Description:** A control number assigned by the interchange sender | | | | | |

## 875 PO EXAMPLE - US COUNTRY CODE

```
ST*875*22680003~
G50*N*20180302*459621-001****NE~
G62*10*20180308~
G66**H~
N1*SF*ABC COMPANY*9*0547328390002~
N3*15019 HWY 19 (GATE 5) ~
N4*CALDWELL*ID*836070000*US~
N1*BT*DOT FOODS, INC.*9*0256712560000~
N3*P.O. BOX 192*1 DOT WAY~
N4*MT. STERLING*IL*623530192*US~
N1*ST*DOT FOODS, INC.*9*0802338354101~
N3*251 CENTRAL AVENUE~
N4*UNIVERSITY PARK*IL*604843183*US~
G68*40*CA*28.5200*007117919941*UK*10071179199410*VN*10071179199410~
G69*SV SPL FRUIT-RASP IQF 1-10 LB~
G68*30*CA*30.2300*007117979099*UK*10071179790990*VN*10071179790990~
G69*SV RTW CORN-FLMRS 1-20 LB~
G68*40*CA*30.1200*007117966266*UK*10071179662662*VN*10071179662662~
G69*SV CST VEGE-CTLN BLEND 8-3 LB~
G68*36*CA*28.9300*007117903218*UK*10071179032182*VN*10071179032182~
G69*SV SDJ F. SDWDR 6-4 LB~
G76*146*CA*3081.00*LB~
SE*23*22680003~
```

# 875 PO EXAMPLE - CA COUNTRY CODE

ST*875*22570001~

G50*N*20180301*458958-001****NE~

G62*10*20180305~

G66**H~

N1*SF*ABC COMPANY~9*0547328390001

N3*HWY 1 WEST & SIMPLOT RD~

N4*PORTAGE LAPRAIRIE,*MB*R1N3J9*CA~

N1*BT*DOT FOODS CANADA, INC.*9*2035370220000

N3*P.O. BOX 192*1 DOT WAY~

N4*MT. STERLING*IL*623530192*US~

N1*ST*DOT FOODS CANADA, INC.*9*2035991394301~

N3*201 42ND AVENUE SE~

N4*CALGARY*AB*T2G1Y3*CA~

G68*1296*CA*15.0000*007117923108*UK*10071179231080*VN*10071179231080~

G69*SV STR FRY-W/PL RG 3/8" 6-5 LB~

G76*1296*CA*41472.00*LB~

SE*17*22570001~