850 Purchase Order

Version: 004010 X12

Company: **DOT FOODS, INC.**

850 Purchase Order

Functional Group=PO

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment 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	BEG	Beginning Segment for Purchase Order	M	1		
050	REF	Reference Identification	O	>1		
060	PER	Administrative Communications Contact	O	3		
080	FOB	F.O.B. Related Instructions	O	>1		
150	DTM	Date/Time Reference	O	10		
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
LOOP ID - N9					**1000**	
295	N9	Reference Identification	O	1		
300	MSG	Message Text	O	1000		
LOOP ID - N1					**200**	
310	N1	Name	O	1		
330	N3	Address Information	O	2		
340	N4	Geographic Location	O	>1		
310	N1	Name	O	1		
330	N3	Address Information	O	2		
340	N4	Geographic Location	O	>1		
310	N1	Name	O	1		
330	N3	Address Information	O	2		
340	N4	Geographic Location	O	>1		

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
LOOP ID - PO1					**100000**	**N2/010L**
010	PO1	Baseline Item Data	M	1		N2/010
020	CUR	Currency	M	1		
LOOP ID - PID					**1000**	
050	PID	Product/Item Description	O	1		

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
LOOP ID - CTT					**1**	**N3/010L**
010	CTT	Transaction Totals	O	1		N3/010
030	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

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 standard codes are used. (Total Codes: 1)

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

Description: Code specifying the version number of the interchange control segments

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

Code	Name
00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997

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)

Code	Name
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)

Code	Name
P	Production Data

ISA16	I15	**Component Element Separator**	M		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

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: 240, Included: 1)

Code	Name
PO	Purchase Order (850)

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*

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

GS04	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

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)

GS06	28	**Group Control Number**	M	N0	1/9	Must use	1

Description: Assigned number originated and maintained by the sender

GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use	1

Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

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

Code	Name
X	Accredited Standards Committee X12

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: 39, Included: 1)

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

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
850	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

BEG   Beginning Segment for Purchase Order

<div style="border:1px solid black">

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

</div>

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BEG01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 1)

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BEG02	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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BEG03	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
BEG05	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

REF   Reference Identification

Pos: 050   **Max: >1**
Heading - Optional
Loop: N/A   **Elements: 2**

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	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
REF02	127	**Reference Identification**	X	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 BEG02 = DS for Drop Ship.

PER   Administrative Communications Contact

Pos: 060   **Max: 3**
Heading - Optional
Loop: N/A   **Elements: 4**

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER01	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
PER02	93	**Name**	O	AN	1/60	Used	1

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER03	365	**Communication Number Qualifier**	X	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
PER04	364	**Communication Number**	X	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 BEG02 = DS for Drop Ship.

FOB   F.O.B. Related Instructions

Purpose: To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Must use	1

Description: Code identifying payment terms for transportation charges

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

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

Dot Foods:
If FOB01 equals "PC", Dot will bill the customer for freight.

Dot Foods:

This segment will be sent only if BEG02 = DS for Drop Ship.

DTM   Date/Time Reference

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use	1

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1112, Included: 2)

Code	Name
002	Delivery Requested
118	Requested Pick-up

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM02	373	**Date**	X	DT	8/8	Used	1

Description: Date expressed as CCYYMMDD

TD5

Carrier Details (Routing Sequence/Transit Time)

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
TD504	91	**Transportation Method/Type Code**	X	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
TD510	732	**Transit Time Direction Qualifier**	O	ID	2/2	Used	1

Description: Code specifying the value of time used to measure the transit time
Dot Foods: *This element will be sent only if BEG02 = DS for Drop Ship and if TD504 = AE for Air Express.*

CodeList Summary (Total Codes: 10, Included: 1)

Code	Name
CD	Calendar Days (Includes weekends and Holidays)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
TD511	733	**Transit Time**	X	R	1/4	Used	1

Description: The numeric amount of transit time
Dot Foods: *This element will be sent only if BEG02 = DS for Drop Ship and if TD504 = AE for Air Express. Value will be the number of days (1 = Overnight, 2 = 2nd Day, 3 = 3rd Day).*

N9   Reference Identification

Pos: 295   **Max: 1**
Heading - Optional
Loop: N9   **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
PO	Purchase Order Number

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

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

MSG   Message Text

Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
MSG01	933	**Free-Form Message Text**	M	AN	1/264	Must use	1

Description: Free-form message text

N1   **Name**

Pos: 310   **Max: 1**
Heading - Optional
Loop: N1   **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**	X	AN	1/60	Used	1

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	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**	X	AN	2/80	Used	1

Description: Code identifying a party or other code

N3   Address Information

Pos: 330   Max: 2
Heading - Optional
Loop: N1   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: 340   **Max: >1**
Heading - Optional
Loop: N1   **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: 310   **Max: 1**
Heading - Optional
Loop: N1   **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**	X	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**	X	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**	X	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: 330   Max: 2
Heading - Optional
Loop: N1   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

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: 310   **Max: 1**
Heading - Optional
Loop: N1   **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**	X	AN	1/60	Used	1

Description: Free-form name

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

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

CodeList Summary (Total Codes: 214, 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**	X	AN	2/80	Used	1

Description: Code identifying a party or other code

Dot Foods:

If value in BEG02 = 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: 330   **Max: 2**
Heading - Optional
Loop: N1   **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: 340   Max: >1
Heading - Optional
Loop: N1   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*					

PO1   **Baseline Item Data**

Pos: 010   Max: 1
Detail - Mandatory
Loop: PO1   Elements: 11

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO102	330	**Quantity Ordered**	X	R	1/15	Used	1

Description: Quantity ordered

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO103	355	**Unit or Basis for Measurement Code**	O	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: 2)

Code	Name
CA	Case
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO104	212	**Unit Price**	X	R	1/17	Used	1

Description: Price per unit of product, service, commodity, etc.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO106	235	**Product/Service ID Qualifier**	X	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
PO107	234	**Product/Service ID**	X	AN	1/48	Used	1

Description: Identifying number for a product or service
Dot Foods: *14 digit case GTIN (SCC-14)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO108	235	**Product/Service ID Qualifier**	X	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
UA	U.P.C./EAN Case Code (2-5-5)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO109	234	**Product/Service ID**	X	AN	1/48	Used	1

Description: Identifying number for a product or service
Dot Foods: *12 digit case UPC*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO110	235	**Product/Service ID Qualifier**	X	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
MG	Manufacturer's Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO111	234	**Product/Service ID**	X	AN	1/48	Used	1

Description: Identifying number for a product or service
Dot Foods: *Manufacturer product number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO112	235	**Product/Service ID Qualifier**	X	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
PI	Purchaser's Item Code

| PO113 | 234 | **Product/Service ID** | X | AN | 1/48 | Used | 1 |

Description: Identifying number for a product or service

Dot Foods: *Dot item number*

CUR   **Currency**

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CUR01	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
BY	Buying Party (Purchaser)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CUR02	100	**Currency Code**	M	ID	3/3	Must use	1

Description: Code (Standard ISO) for country in whose currency the charges are specified
Dot Foods: *USD = US Currency;   CAD = Canadian Currency*

PID   Product/Item Description

Pos: 050   **Max: 1**
Detail - Optional
Loop: PID   **Elements: 2**

Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID01	349	**Item Description Type**	M	ID	1/1	Must use	1

Description: Code indicating the format of a description

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

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID05	352	**Description**	X	AN	1/80	Used	1

Description: A free-form description to clarify the related data elements and their content

CTT   **Transaction Totals**

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use	1

Description: Total number of line items in the transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTT02	347	**Hash Total**	O	R	1/10	Used	1

Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.
Dot Foods: *Total order quantity*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTT03	81	**Weight**	X	R	1/10	Used	1

Description: Numeric value of weight
Dot Foods: *Total order weight*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTT04	355	**Unit or Basis for Measurement Code**	X	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: 030   **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

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

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					

850 PO EXAMPLE - USD CURRENCY CODE & COUNTRY

ST*850*000000001

BEG*00*NE*351040-001**20170906

DTM*118*20170911

TD5****H

N9*PO*351040-001

MSG*M for TH-07T & W for M-07M 26 plts T/L-TH for Mon

MSG*if you have another truck

MSG*PENNSAUKEN FOR IL

MSG*Turn pallets sideways

N1*SF*ABC COMPANY*9*0547328390000

N3*5195 CENTRAL HIGHWAY

N4*PENNSAUKEN*NJ*081094607*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*0256712560103

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

N4*MT. STERLING*IL*623530192*US

PO1**120*CA*24.93**UK*10073321001213*UA*007332100121*MG*3010*PI*339980

CUR*BY*USD

PID*F****JJF SPRTZL-SUP BKD 2.5 OZ 100-2.5 O

PO1**400*CA*24.93**UK*10073321001169*UA*007332100116*MG*3014*PI*339982

CUR*BY*USD

PID*F****JJF SPRTZL-KG SZ BKD 5Z 50-5 OZ

PO1**270*CA*16.7**UK*10073321001152*UA*007332100115*MG*3085*PI*339984

CUR*BY*USD

PID*F****JJF SPRTZL BITES 350-10 GR

PO1**88*CA*27.05**UK*10073321071650*UA*007332107165*MG*7165*PI*390419

CUR*BY*USD

PID*F****JJF PRET-PFLR TWSTD PZA 24-6.25 OZ

PO1**88*CA*27.05**UK*10073321071674*UA*007332107167*MG*7167*PI*390421

CUR*BY*USD

PID*F****JJF PRET-PFLR HOLLERIN JAL 24-6.25

PO1**88*CA*27.05**UK*10073321071681*UA*007332107168*MG*7168*PI*390422

CUR*BY*USD

PID*F****JJF PRET-PFLR SWT DRE CCHS 24-6.25

PO1**72*CA*24.52**UK*10073321384408*UA*007332138440*MG*38440*PI*442216

CUR*BY*USD

PID*F****JJF SBT-CUP LUIG ORG 4Z 96-4 FO

PO1**105*CA*33.72**UK*10895599002163*UA*089559900216*MG*D412*PI*444740

CUR*BY*USD

PID*F****JJF COND CNSG BGS 2-10 LB

PO1**200*CA*21.39**UK*10073321310124*UA*007332131012*MG*31012*PI*461264

CUR*BY*USD

PID*F****JJF SOFT PRET WHEAT RODS 180-1 OZ

PO1**240*CA*25.12**UK*10073321301108*UA*007332130110*MG*30110*PI*462200

CUR*BY*USD

PID*F****JJF SFPTZ RG SZ WHE 51% 100-2.2 OZ

PO1**17*CA*17.07**UK*10073321384613*UA*007332138461*MG*38461*PI*464682

CUR*BY*USD

PID*F****JJF LNA CHER IIC NAS 48-4 OZ

PO1**120*CA*28.75**UK*00766000666249*UA*076600066624*MG*66624A*PI*566028

CUR*BY*USD

PID*F****JJF K&S SPZ SIC FETA 24-6 OZ

PO1**50*CA*24.93**UK*10074865587607*UA*007486558760*MG*2001402*PI*571734

CUR*BY*USD

PID*F****SYS PRETZ KG 50-5 OZ

PO1**144*CA*29.21**UK*10073321484467*UA*007332148446*MG*48446*PI*592843

CUR*BY*USD

PID*F****JJF SORB C/ CY' BLRAS SWL 96-4.4 FO

CTT*14*2002*30899.14*LB

SE*62*000000001

850 PO EXAMPLE - CAD CURRENCY CODE & COUNTRY

ST*850*000000001

BEG*00*NE*346995-001**20170830

DTM*118*20170911

TD5****H

N9*PO*346995-001

MSG*Thurs for 2nd Mon 10T (TL)

N1*SF*ABC COMPANY*9*0547328390001

N3*5353 DOWNEY ROAD

N4*VERNON*CA*900580000*US

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, INC.*9*2035991394301

N3*BAY 613-617 28TH ST NE

N4*CALGARY*AB*T2A4L6*CA

PO1**50*CA*29.46**UK*10073321001169*UA*007332100116*MG*3014*PI*339982

CUR*BY*CAD

PID*F****JJF SPRTZL-KG SZ BKD 5Z 50-5 OZ

PO1**91*CA*32.43**UK*10073321032958*UA*007332103295*MG*3295*PI*344086

CUR*BY*CAD

PID*F****JJF BAV BKY PRET-STX 72-2.4 OZ

PO1**42*CA*45.46**UK*10053493070415*UA*005349307041*MG*7041*PI*489682

CUR*BY*CAD

PID*F****JJF BRENDAS BST SWT DG BAV 40-7 OZ

PO1**48*CA*63.63**UK*10073321405301*UA*007332140530*MG*40530*PI*510540

CUR*BY*CAD

PID*F****JJF FUNNEL CAKE 8.5" 6-48 CNT

PO1**1*CA*27.94**UK*10073321573741*UA*007332157374*MG*4497957374*PI*649107

CUR*BY*CAD

PID*F****JJF PRETZ 12-10 OZ

CTT*5*232*3850.5*LB

SE*32*000000001