



**GROCERY INVOICE
810 INVOICE**

HEADER LEVEL

Segment	Description	Required
BIG	Beginning Segment for Invoice	M
N1	Bill To - Name	M
N3	Bill To - Address Information	M
N4	Bill To - Geographic Location	M
N1	Ship To - Name	M
N3	Ship To - Address Information	M
N4	Ship To - Geographic Location	M
N1	Ship From - Name	O
N3	Ship From - Address Information	O
N4	Ship From - Geographic Location	O
N1	Remit To - Name	M
N3	Remit To - Address Information	M
N4	Remit To - Geographic Location	M
ITD	Terms of Sale/Deferred Terms of Sale	M
DTM	Date/Time Reference	M
FOB	F.O.B Related Instructions	M

DETAIL LEVEL

Segment	Description	Required
IT1	Baseline Item Data	M
PID	Product/Item Description	M
PO4	Item Physical Details	M
SAC	Service, Promotion, Allowance, Charge Information	O

SUMMARY LEVEL

Segment	Description	Required
TDS	Total Monetary Value Summary	M
CAD	Carrier Detail	M
SAC	Service, Promotion, Allowance, Charge Information	O
ISS	Invoice Shipment Summary	M
CTT	Transaction Totals	M

Comments

- Krasdale prefers to receive any additional price allowances at the detail level and any other allowances (swell) at the invoice summary level.
- Additional fields and segments will be accepted but are not used.



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BIG Beginning Segment for Invoice

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
BIG01	Invoice Date	373	M	DT	8/8	Invoice date
BIG02	Invoice Number	76	M	AN	1/22	Invoice number
BIG03	Purchase Order Date	373	M	DT	8/8	Purchase order date
BIG04	Purchase Order Number	324	M	AN	1/9	Associated PO number (including dash)
BIG07	Transaction Type Code	640	O	ID	2/2	CR – Credit Memo DI – Debit Invoice (default)
BIG10 ¹	Invoice Number	76	O	AN	1/22	Invoice number

¹ Only used when BIG07 = CR, which references an existing invoice.

N1 Name – Bill To

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
N101	Entity ID Code	98	M	ID	2/2	BT – Bill To
N102	Name	93	M	AN	1/35	Bill To Name
N103	ID Code Qualifier	66	M	ID	1/2	9
N104	ID Code	67	M	AN	1/17	Recipient's Duns+4 Character Suffix, Refer to Table 3 for valid information.

N3 Address Information – Bill To

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
N301	Address Information	166	M	AN	1/35	Bill To Address, Refer to Table 3 for valid information.

N4 Geographic Location – Bill To

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
N401	City	19	M	AN	1/30	Bill To City, Refer to Table 3 for valid information.
N402	State or Province	156	M	ID	1/2	Bill To State, Refer to Table 3 for valid information.
N403	Postal Code	116	M	ID	1/9	Bill To Zip Code or Zip+4, Refer to Table 3 for valid information.



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N1 Name - Ship To

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
N101	Entity ID Code	98	M	ID	2/2	ST – Ship To
N102	Name	93	M	AN	1/35	Ship To Name
N103	ID Code Qualifier	66	M	ID	1/2	9
N104	ID Code	67	M	AN	1/17	Recipient's Duns+4 Character Suffix, Refer to Table 2 for valid information.

N3 Address Information - Ship To

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
N301	Address Information	166	M	AN	1/35	Ship To Address, Refer to Table 2 for valid information.

N4 Geographic Location - Ship To

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
N401	City	19	M	AN	1/30	Ship To City, Refer to Table 2 for valid information.
N402	State or Province	156	M	ID	1/2	Ship To State, Refer to Table 2 for valid information.
N403	Postal Code	116	M	ID	1/9	Ship To Zip Code or Zip+4, Refer to Table 2 for valid information.

N1 Name - Remit To

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
N101	Entity ID Code	98	M	ID	2/2	RE – Remit To
N102	Name	93	M	AN	1/35	Remit To Name
N103	ID Code Qualifier	66	M	ID	1/2	9
N104	ID Code	67	M	AN	1/17	Supplier's Duns+4 ID

N3 Address Information - Remit To

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
N301	Address Information	166	M	AN	1/35	Remit To Address



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N4 Geographic Location – Remit To

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
N401	City	19	M	AN	1/30	Remit To City
N402	State or Province	156	M	ID	1/2	Remit To State
N403	Postal Code	116	M	ID	1/9	Remit To Zip Code or Zip+4

ITD Terms of Sale¹

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
ITD01	Terms Type Code	336	M	ID	2/2	01 – Basic 05 – Discount not applicable
ITD02	Terms Basis Date Code	333	M	ID	1/2	3 – Invoice date 15 – Receipt of Goods
ITD03	Terms Discount Percent	338	M	R3	1/6	Discount Percent if paid on or before terms discount due date
ITD04 ²	Terms Discount Due Date	370	M	DT	8/8	Payment due date if discount is earned
ITD05	Terms Discount Days	351	O	N0	1/3	Number of days in discount period
ITD06 ²	Terms Net Due Date	446	M	DT	8/8	Payment due date if not paid by discount due date
ITD07 ³	Terms Net Days	386	O	N0	1/3	Number of days net amount due
ITD08	Terms Discount Amount	362	M	N2	1/10	Terms discount amount to be applied to invoice
ITD12	Terms Description	352	M	AN	1/80	Text description of terms

¹ Discount information should be included if applicable. ITD03 and at least one of ITD04 or ITD05 must be present if discount is applicable.

² Due Dates are preferable to Due Days. However, either or both are accepted.

³ At least one of ITD06 or ITD07 must be present.

DTM Date/Time Reference

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
DTM01	Date/Time Qualifier	374	M	ID	3/3	Code to specify type of date or time; 011=shipped
DTM02	Date	373	M	DT	8/8	Date expressed in CCYYMMDD for DTM01

FOB F.O.B. Related Instructions

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
FOB01	Ship Method of Payment	146	M	ID	2/2	Shipment method of payment; PP or CC or PB
FOB02	Location Qualifier	309	M	ID	1/2	Location Qualifier; OR = origin, DE = destination
FOB03	Free Form Description	352	M	AN	1/80	Text description of FOB; must contain city, state



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IT1 Baseline Item Data (Invoice)

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
IT102	Quantity Invoiced	358	M	R	1/10	Total number of units invoiced
IT103	Unit/Basis of Measure	355	M	ID	2/2	Cases; CA
IT104	Unit Price	212	M	R	1/17	Gross unit cost
IT106	Product/Service ID Qual	235	M	ID	2/2	UA UPC/EAN case code
IT107	Product Service ID	234	M	AN	12/12	Case UPC Code (2-5-5)

PID Product/Item Description

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
PID01	Item Description Type	349	M	ID	1/1	F Free-form description
PID05	Description	352	M	AN	1/45	Line item description

PO4 Item Physical Details

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
PO401	Pack	356	M	N0	1/3	Number of inner pack units per outer pack

SAC Service, Promotion, Allowance, Charge Information

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
SAC01	Allowance/Charge indicator	248	M	ID	1/1	A Allowance C Charge
SAC02	Allowance/Charge Code	1300	M	AN	4/4	<i>Refer to Table 1 for valid codes.</i>
SAC05 ¹	Amount	610	M	N2	1/15	Total amount charge/allowance
SAC08 ¹	Allowance/Charge Rate	118	O	R	1/9	Rate/unit
SAC09 ²	Unit or Basis for Measure Code	355	O	ID	2/2	CA = case, EA = each
SAC10 ²	Quantity	380	O	R	1/15	Numeric value of quantity
SAC12	Allowance/Charge Method of Handling Code	331	M	ID	2/2	02 – Off invoice 06 – Charge paid by customer
SAC15	Description	352	M	AN	1/47	Allowance/charge description

¹ SAC05 must be present. If both SAC05 and SAC08 are present, SAC05 takes precedence. The value must not be equal to zero. Use negative values to indicate allowances. The decimal is implied as two positions.

² If either SAC09 or SAC10 is present, then the other is required.



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TDS Total Invoice Quantity

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
TDS01 ¹	Amount	610	M	N2	1/15	Total invoice amount
TDS02 ²	Amount	610	M	N2	1/15	Terms discount amount basis
TDS03	Amount	610	M	N2	1/15	Total amount due if paid by discount date
TDS04	Amount	610	M	N2	1/15	Total amount of terms discount

¹TDS01 is total amount of invoice (including charges, less allowances) before terms discount (if discount applicable).

²TDS02 is amount upon which terms discount amount is calculated. Required if value is not equal to TDS01.

CAD Carrier Detail

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
CAD01	Transportation Method Type	91	M	ID	1/2	H = Customer pickup M = Motor
CAD05	Routing	387	M	AN	1/35	Free form description

SAC Service, Promotion, Allowance, Charge Information

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
SAC01	Allowance/Charge indicator	248	M	ID	1/1	A Allowance C Charge
SAC02	Allowance/Charge Code	1300	M	AN	4/4	<i>Refer to Table 1 for valid codes.</i>
SAC05	Amount	610	M	N2	1/15	Total amount charge/allowance
SAC12	Allowance/Charge Method of Handling Code	331	M	ID	2/2	02 – Off invoice 06 – Charge paid by customer
SAC15	Description	352	M	AN	1/47	Allowance/charge description

¹SAC05 must be present. The value must not be equal to zero. Use negative values to indicate allowances. The decimal is implied as two positions.

ISS Invoice Shipment Summary

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
ISS01	Number of Units Shipped	382	M	R	1/10	Total number of units shipped
ISS02	Unit/Basis Measure	355	M	ID	2/2	CA Cases
ISS03	Weight	81	M	R	1/10	Total weight of units shipped
ISS04	Unit/Basis Measure	355	M	ID	2/2	LB Pound



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CTT Transaction Totals

FIELD	DESCRIPTION	DE #	W-D Attributes			VALID VALUES
			Req	Type	Len	
CTT01	Number of Line Items	354	M	N0	1/6	Count of IT1 Segments present



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Sample 810 Transaction Set
ANSI X12 Version Release: 4010

ST*810*0006~
BIG*20080117*E68286*20071226*K49277-01~
N1*ST*KRASDALE FOODS, INC.*9*0069864830000~
N3*400 FOOD CENTER DRIVE~
N4*BRONX*NY*10474~
N1*BT*KRASDALE FOODS INC*9*0069864830000~
N3*65 W RED OAK LN~
N4*WHITE PLAINS*NY*10604~
N1*RE*NEWHOUSE MUSTARD*9*0073596040000~
N3*1313 STEADY ROCK RD.~
N4*COMMACK*NY*11725~
ITD*08*3*2*20080127*30*20080217*30*13091****2% 10 NET 30~
DTM*011*20080117~
FOB*PP*OR*GREENVILLE, NH~
IT1**50*CA*8.41**UA*007513030756~
PID*F****KRAS WINE VINEGAR 32Z~
PO4*12~
IT1**405*CA*7.05**UA*007513030766~
PID*F****KRAS WHITE VINEGAR 32Z~
PO4*12~
IT1**448*CA*8.36**UA*007513030768~
PID*F****KRAS WHITE VINEGAR 128Z~
PO4*6~
IT1**50*CA*8.66**UA*007513030776~
PID*F****KRAS CIDER VINEGAR 32Z~
PO4*12~
SAC*A*F800***-9000***-180*CA*1**02***TPR OI 1~
TDS*641160*650160*637069*13091~
CAD*M****YELLOW FREIGHT~
SAC*C*H550***13645*****06***FUEL SURCHARGE~
SAC*A*E160***9234*****02***LABEL ALLOWANCE~
ISS*953*CA*4569.37*LB~
CTT*4~
SE*34*0006~



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Table 1 – Allowance/Charge Code

D240	Factory Direct
E160	Label Allowance
E340	Less Than Truckload (LTL) Charge
E540	Logistics
F180	Logistics
F280	Tier allowance
F340	Pick-up allowance
F800	1% Eff Customer
F910	Logistics
H550	Fuel Surcharge
H560	Swell
I310	Factory Direct
I410	Unsaleable Merchandise Allowance

Table 2 – Ship To ID Codes & Addresses

ID Code	Ship To Address
0069864830000	Krasdale Foods Inc. 400 Food Center Drive Bronx, NY 10474
0069864830003	Team Logistics 20-10 Maple Ave, Bldg #35 Fair Lawn, NJ 07410
0069864830004	New Haven Distribution 999 East 149 St Bronx NY 10455

Table 3 – Bill To ID Code & Address

ID Code	Bill To Address
0069864830000	Krasdale Foods Inc. 65 West Red Oak Lane White Plains, NY 10604