

Leveraging PTI Information for Improving *FRESHNESS!*

September 25, 2017



(01) 00614141 00734 9 (13) 170709 (10) FL094529JL

TOMATOES / ROMA

5 - 5 LBS. = 25 LBS,
US #1

Product of USA
Tomato Farms
Lakeland, FL

Harvest Date
Jul 09

PLU
4087

6 14141 00734 9 63 61



What Walmart & Sam's Club is asking for?

SSCC-18 Pallet Label



Industry Standard PTI Label



Advance Ship Notice (ASN) with PTI information



PTI Label – Traceability & Freshness



Leveraging PTI Information for Improving *FRESHNESS!*

Produce **T**raceability **I**nitiative enabled by the GS1 – 128 barcode



SSCC-18 (Serial Shipping Container Code)



GS1-128 Information on ASN and PTI Labels enables value unlock for Walmart & Walmart Suppliers



Food Safety

- Efficient Food Safety recalls
- Whole chain traceability



Quality Control Planning

- Visibility to harvest date and grower lot
- QC inspection sampling prioritization
- Accurate supplier scorecards



Distribution and Replenishment

- Harvest date vs. FIFO rotation
- Freshness calculations



Stores and Clubs

- ‘Real time’ receiving accuracy
- “Real time” inventory accuracy
- Eliminate “Garvey Gun” labels
- FOM communication



Primary Driver:

PTI Label

ASN



Walmart & Sam's ASN/PTI Timeline



**ASN/SSCC-18/PTI
Compliance Tracking**



**ASN/SSCC-18/PTI
Compliance Tracking**



**ASN/SSCC-18/PTI Supplier
Compliance Complete**

PTI Label & GS1-128 Requirements for Walmart Suppliers

Scannable GTIN/Harvest Date/Grower Lot

- ✓ Effective Case Tracking
- ✓ Controlled by GS1 Standards



Clear Product Info

- ✓ Case Pack & COO
- ✓ Compliance

Harvest Date

- ✓ Freshness Management
- ✓ Embedded in GS1-128 Bar Code

Packer Information

- ✓ Shipper Information

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Voice Pick Code: 63 61

Voice Pick Code

- ✓ Efficient Outbound Tracking

Item Level UPC Bar Code

or Bulk Produce PLU

- ✓ Bulk limes, etc. = PLU
- ✓ Bagged limes, etc. = UPC
- ✓ Store Inventory Control & Rotation

Scannable & Human Readable Content!



PTI Label – Traceability & Freshness



PTI Label - Produce Age Dating Requirements for Walmart Suppliers

Only *one* of these three fields/dates will be required on each PTI Label

Pack Date (AI-13)

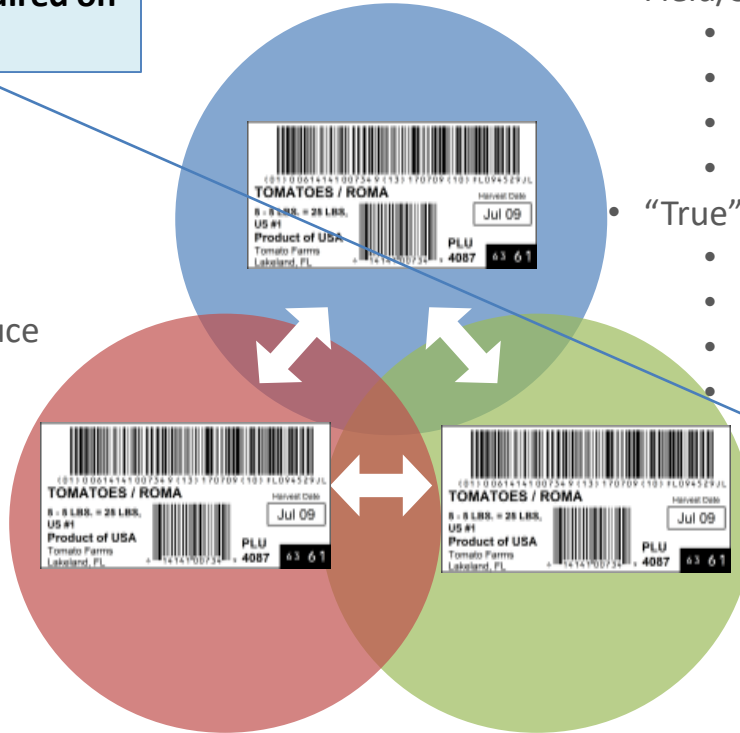
- Storage crop produce
 - Apples
 - Pears
 - Onions
 - Potatoes
 - Etc.

Harvest Date (AI-13)

- Field/Shed packed produce
 - Romaine lettuce
 - Strawberries
 - Melons
 - Etc.
- “True” harvest date of *repacked* produce
 - Cucumbers
 - Peppers
 - Imported repacked citrus
 - Etc.

Best by Date (AI-15)

- Packaged processed items
 - Packaged salads,
 - Broccoli florets
 - Baby peeled carrots
 - Etc.



SSCC-18 Pallet Barcode

(GS1-128)

Serial Shipping Container Code for all Pallets

**Provided with ASN
Transmission**

This is the pallet "license plate" that tells us it is pallet number "x", which is listed in the ASN transmission with the detailed contents of the grower lot numbers of each case on that pallet.



PTI Case Label



Illustration Only

Shipping Manifest Example w/SSCC-18 Pallet Numbers that Reference Grower Lots

| Grower Name | Code Grower Lot | Variety Code | Variety Descrip | Size Code | CommDescrip | SSCC-18 Pallet Number | Cases | Packing Date |
|-------------------------|-----------------|--------------|-------------------|-----------|-------------|-----------------------|-------|--------------|
| HACIENDA CHADA S.A. | 2 | 80 | SWEET CELEBRATION | G | GRAPES CL | 0000000150128221 | 65 | 2/13/2017 |
| HACIENDA CHADA S.A. | 146 | 80 | SWEET CELEBRATION | G | GRAPES CL | 150128221 | 10 | 2/13/2017 |
| HACIENDA CHADA S.A. | 2 | 95 | CANDY HEARTS | J | GRAPES CL | 150128223 | 80 | 2/13/2017 |
| AGRICOLA MILLAHUE LTDA. | 23 | 84 | MAGENTA | G | GRAPES CL | 150142360 | 75 | 2/22/2017 |
| AGRICOLA MILLAHUE LTDA. | 21 | 80 | SWEET CELEBRATION | G | GRAPES CL | 150142371 | 6 | 2/24/2017 |
| AGRICOLA MILLAHUE LTDA. | 21 | 80 | SWEET CELEBRATION | E | GRAPES CL | 150142371 | 14 | 2/24/2017 |
| AGRICOLA MILLAHUE LTDA. | 23 | 80 | SWEET CELEBRATION | G | GRAPES CL | 150142371 | 13 | 2/24/2017 |
| HACIENDA CHADA S.A. | 137 | 80 | SWEET CELEBRATION | G | GRAPES CL | 150142371 | 12 | 2/24/2017 |
| HACIENDA CHADA S.A. | 137 | 80 | SWEET CELEBRATION | E | GRAPES CL | 150142371 | 30 | 2/24/2017 |
| AGRICOLA MILLAHUE LTDA. | 23 | 80 | SWEET CELEBRATION | G | GRAPES CL | 150142373 | 80 | 2/24/2017 |
| AGRICOLA MILLAHUE LTDA. | 23 | 74 | TIMCO | J | GRAPES CL | 150153202 | 80 | 2/4/2017 |
| AGRICOLA MILLAHUE LTDA. | 23 | 74 | TIMCO | J | GRAPES CL | 150153205 | 80 | 2/4/2017 |
| AGRICOLA MILLAHUE LTDA. | 23 | 74 | TIMCO | J | GRAPES CL | 150153206 | 80 | 2/4/2017 |
| AGRICOLA MILLAHUE LTDA. | 23 | 74 | TIMCO | J | GRAPES CL | 150153207 | 80 | 2/6/2017 |



SSCC-18 Pallet Label Examples

6.6.5 Label examples

Figure 6.6.5-1. The basic label: an SSCC



Notes:

This example shows a label containing only an SSCC. Such labels can be applied at production time, but also during transport or receipt in case no label is present on the logistic unit.

Building blocks (top-down):

- Text with data titles: SSCC.
- Barcodes + HRI: AI (00).

Figure 6.6.5-5. Label with supplier, customer, and carrier segments



ASN with PTI Information

```

ISA*00*          *00*          *ZZ*122663MK          *08*925485US00          *151C
GS*SM*122663MK*925485US00*20151028*0006*200489075*X*005010~
ST*856*0001~
BSN*00*01140824*20160115*1345*ZZZZ~
HL*1**5*1~
TD1**2****G*45582~LB~
TD5**2**JBHT~
REF*UCB*07874200011408246~
REF*LO*01082131~
REF*AO*012395~
MAN*GM*00000010012345612345~
DTM*011*20051015~
DTM*067*20051015*0600~
FOB*CC~
N1*ST*WAL-MART 1317*UL*0078742012865~
HL*2*1*O*1~
SN1**22*PL~
PRF*1521650040***20151028~
REF*IA*122663400~
HL*3*2*T*1~
MAN*GM*00000010012345612345~
HL*4*3*P*1~
LIN**UK*00008815509183*IN*000512345*CH*US-FL MX*P8*4427~
SN1**4*CA~
PO4*****RPC6413~
PID*F****TOMATOES RED TOV/CLUSTER - 11 LB~
TD1**50****N*11.5*LB~
MAN*GM*00000109394873270715~
HL*5*4*ZZ*O~
LIN**CH*US-FL MX*LT*L9J7G6H9Y4~
SN1**4*CA~
DTM*510*20170709~
DTM*906*20170710~
N1*ZW*JACKS PUMPKIN FARM~
N3*ADDRESS LINE 1*ADDRESS LINE 2~
N4*LAKELAND*FL*33801*US~
REF*CAF*36.5966~
REF*CAG*-94.5798~
SE*39*0001~
GE*61*200489075~
IEA*1*200541560~
    
```

MAN*GM – GS1-128 SSCC18 Pallet Barcode

LIN – Item Identification Country of Origin, Lot

DTM – Date/Time Ref 510 Pack Dt; 906 Harvest

SSCC-18 Pallet Barcode

GS1-128

Serial Shipping Container Code for all Pallets



(00) 0 0123456 00000001 8



PTI Case Label

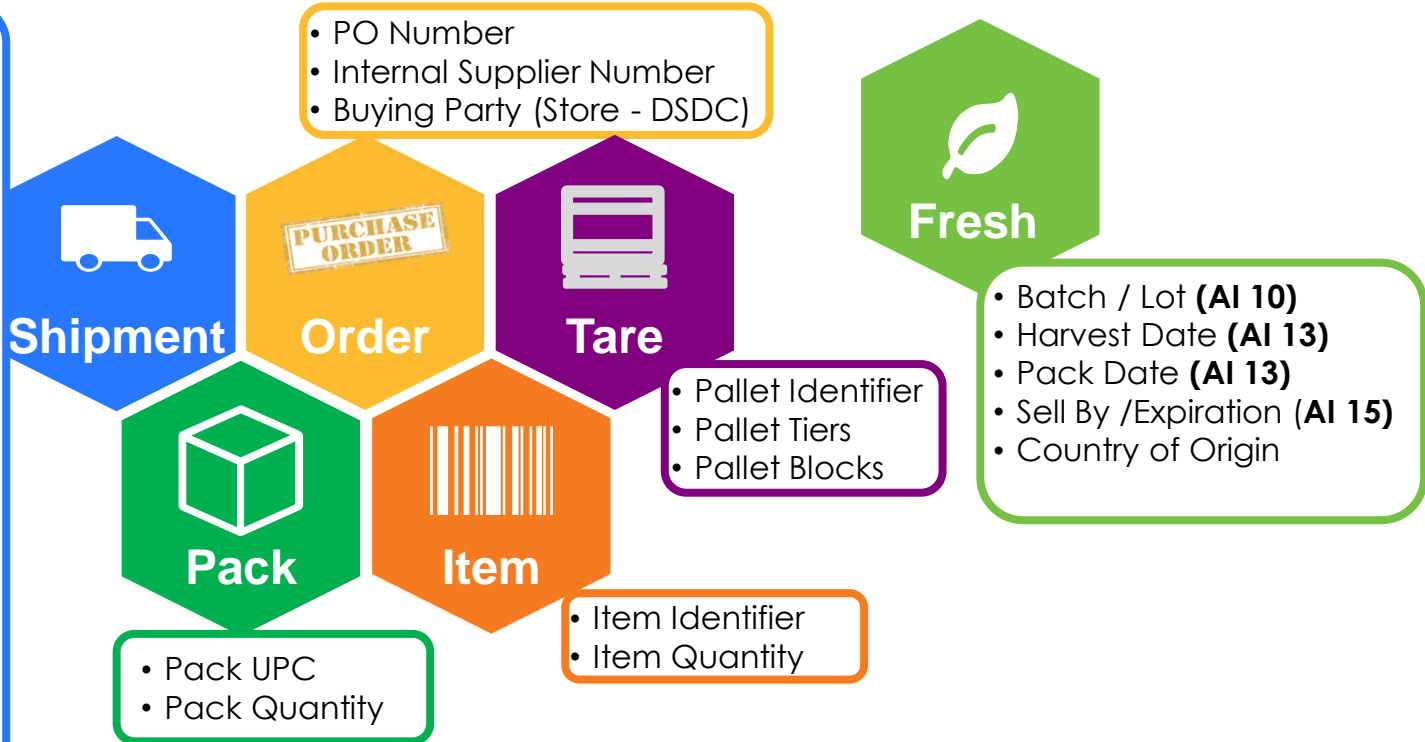


Illustration Only



ASNs provide key Shipment data with actionable information well in advance of receiving a shipment

- SCAC Code
- Appointment Number
- Delivery Date and Time
- Date Shipped
- Prepaid or Collect
- Weight
- Ship to Location
- Ship from Location
- **GLN (AI 414)** – the physical location of where the produce was harvested/packed (For strawberries for example: Oxnard, Santa Maria, Watsonville)



The ASN is an electronic document sent by Suppliers at the point of trailer door close. ASNs will be Required for every shipment to the DC.



Thank You!

Questions?

Email us at: ASNPTIMAIL@Walmart.com

You may also contact:

www.producetraceability.org

PTI ASN Specification: [Click Here](#)

ASN Supplier FAQs: [Link](#)



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