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Plant → Harvest → Transport → Store → Mill



Need

- 1. Create mapping of fields, gps coordinates on boundaries.**
- 2. Specify work flow for each type of crop or commodity**
Grains, case vegetables, item veggies/fruit, orchards, beef are
All slightly different.
- 3. Store work flows and then specify for each commodity**
pick list of work flows. Once selected do not show master set unless
new commodity being traced.
- 4. Specify information required for each stage of work flow**
Always same data for each stage
map data from bar code scan so that data can be easily input to
traceback db
- 5. Limit amount of data that must be retyped; scan – scan – scan !**
- 6. Define methods to spec data in early stages – seeds, seedlings**



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Plant



Need

Each stage (this case – plant) has bar code to Define the stage and standard info

As commodities move through the flow, the Stage is scanned to define stage of process

That can be input via PDA directly without Printing labels or scan labels since labels are Redundant to PDA data.

Do not rely on BT communications to down Load PDA data to computer. Direct connection Or possibly wireless network.

The screenshot shows the 'Crop Planting' form in the Scoring Ag system. The form includes the following fields and options:

- Field Name or Code: 1211
- Size Of Location: 42.8 Acres/Hectare
- Crop Type: Field Crop
- Crop or Seed Name: organic Soft White Winter Wheat
- Crop variety used at this location or mixed together:
 - Variety 1: softwhite
 - Variety 2:
 - Variety 3:
 - Variety 4:
- Percent Germination or Live: 88
- Seed Plant Supplier or Dealer Name: Janssen Market
- Brand Name:
- Variety Trait(s): null, colorstink line
- Seeding or spacing rate: 48 lb per acre, 12lb spacing
- Seeding or planting date: 8/27/2009
- GMO: Yes No
- Type of GMO:
- Seed Plant Lot Number:
- Certified or Registered Seed Plant: Yes No Type:
- Public Variety: Yes No Type:
- Treated: Yes No Type:
- Organic: Yes No Organization: OCSA, EC, WSP
- Farming Type Used: Standard Type:
- Block(s): Yes No Type:
- Date:
- Per acre/ha:
- Irrigation After Planting: No
- Propagation Type: Planted Seed
- Maturity Range, Days:



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Plant



Harvest



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My Records

Crop Planting

Field Name or Code: 1211

Size Of Location: 42.9 Acres Hectares

Crop Type:

Crop or Seed Name:

Crop variety used at this location or mixed together:

Variety 1:

Variety 2:

Variety 3:

Variety 4:

Percent Germination or Live Seed:

Seed/Plant Supplier or Dealer Name:

Brand Name:

Variety Trait(s):

Seeding or spacing rate:

Seeding or planting date:

OMG: Yes No

Type of OMG:

Seed/Plant Lot Number:

Certified or Registered Seed/Plant: Yes No

Public Variety: Yes No

Treated: Yes No

Organic: Yes No

Farming Type Used:

Block(s):

Date:

Per acre/ha:

Irrigation After Planting:

Propagation Type:

Maturity Range, Days:

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My Records

Crop Harvesting

Location Size: 42.9 Acres Hectares

Year: 2010

Crop Field Name or Number: 1211

Harvest Intended For:

Harvest Start Date/Time: 7/20/09

Harvester ID and / or Machine ID: 070600

Type of Harvest:

Crop Damage Before Harvest:

Percent Damaged: 10

Crop Contamination (yft):

Type of Contamination:

OMG Nearby:

Crop Harvest Condition:

Containers Used at Harvest:

Harvested Crop Temperature in Field:

Picked Crop Size:

Sanitized Container (yft):

Individual Harvest Container Weight:

Lot Code Number:

Total Harvest Time: 3 Days Hours

Total Weight Harvested: 51376 English Metric

Percent of Maturity at Harvest: 10

Percent of Maturity at Harvest: 100

Total Yield Per Acre Hectare: 24 1/4

Harvest Ending Date:

Crew ID Number:

Commodity/Entity Type : Wheat
Activity : Crop Harvesting

Add Activity for Selected Rows

Need Set PDA with ScoringAg info Downloaded to PC then to PDA



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Plant



Harvest



Store



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My Records

Crop Planting

Field Name or Code: 1211

Size Of Location: 42.9 Acres Hectares

Crop Type:

Crop or Seed Name:

Crop variety used at this location or mixed together:

Variety 1:

Variety 2:

Variety 3:

Variety 4:

Percent Germination or Live Seed:

Seed Plant Supplier or Dealer Name:

Brand Name:

Variety Trait(s):

Seeding or spacing rate:

Seeding or planting date:

OMG: Yes No

Type of OMG:

Seed Plant Lot Number:

Certified or Registered Seed Plant: Yes No

Public Variety: Yes No

Treated: Yes No

Organic: Yes No

Farming Type Used:

Block(s):

Date:

Per acre(s):

Irrigation After Planting:

Propagation Type:

Maturity Range, Days:

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My Records

Crop Harvesting

Location Size: 42.9 Acres Hectares

Year: 2010

Crop Field Name or Number: 1211

Harvest Intended For:

Harvest Start Date/Time: 7/20/09

Harvester ID and / or Machine ID: 070600

Type of Harvest:

Crop Damage Before Harvest:

Percent Damaged: 10

Crop Contamination (yft):

Type of Contamination:

OMG Nearby:

Crop Harvest Condition:

Containers Used at Harvest:

Harvested Crop Temperature in Field: 99 Fahrenheit Celsius

Picked Crop Size:

Sanitized Container (yft):

Individual Harvest Container Weight:

Lot Code Number:

Total Harvest Time: 3 Days Hours

Total Weight Harvested: 13776 English Metric

Percent of Moisture at Harvest: 10

Percent of Maturity at Harvest: 100

Total Yield Per Acre Hectare: 24 1/4

Harvest Ending Date:

Crew ID Number:

Commodity/Entity Type : Wheat
Activity : Crop Harvesting

Add Activity for Selected Rows

Need
Scanned data in set format
Must be loaded directly to
Traceback database.
The quantity of items,
Cases, bins etc. is
ginormous



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Point-to-Point Traceback™ — Site-Specific Recordkeeping™
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Plant → Harvest → Transport → Store → Mill



Need

Display traceback information by stages of the Work flow

Display yield information by gps overlay

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Home My Record Search Login Public Search Demo

Display Wheat Commodity/Entity Record

Barcodes

TRACEBACK Powered By

TRACEBACK Powered By
SSL-EID: SSL_4AE331EDEA
Scoring Ag.com
Print View

Print Both
EDR17
and
Examatrix
e

SSL-EID
SSL_4AE331EDEA
Scoring Ag.com
Print View

Public Information

Crop Information
Field Name or Number 2714
Location Size 18.4 acres
Crop Type Field crop
Crop or Seed Hard White
Name Winter Wheat
RFID Label
Brand Mosher Products
Variety Name Arrowsmith

Video

Please V
www.who

Ownership Traceback PIDC:	Business Type:	Date
011N10N41253410BW1035250+000 [view]	Operator/Producer	Aug 11, 2008 2:59:12 PM -- Julian: 224
011C11N40000015LW1040000+000 [view]	Miller/Grain	Jun 04, 2009 9:49:28 AM -- Julian: 155
011W13N41133510LW1048169+000 [view]	Agricultural Corporation	Jun 04, 2009 11:18:39 AM -- Julian: 155
011G10N3322216GW0831111+000 [view]	Retailer	Jun 05, 2009 5:18:00 AM -- Julian: 156

Colorado, United States of America	-----	2009 01:35:01PM
011C11N00000011DE000000+000	Shipping	Jun 04 2009 01:45:00PM
011C11N00000011DF000000+000	Move Out	Jun 04 2009 01:46:16PM
011C11N40000015LW1040000+000	Move In	Jun 04 2009 01:49:28PM
011C11N40000015LW1040000+000	Inspection	Jun 04 2009 02:19:28PM
011C11N40000015LW1040000+000	Laboratory Testing	Jun 04 2009 02:27:18PM
011C11N40000015LW1040000+000	Analysis	Jun 04 2009 03:15:46PM
011W13N41133510LW1048169+000	Move Out	Jun 04 2009 03:18:39PM
011W13N41133510LW1048169+000	Receiving / Holding /	Jun 04 2009 03:30:38PM
011W13N41133510LW1048169+000	Reloading	Jun 04 2009 03:35:02PM
011G10N3322216GW0831111+000	Move In	Jun 05 2009 02:18:00AM
011G10N3322216GW0831111+000	Move In	Jun 05 2009 02:23:24AM
011G10N3322216GW0831111+000	Inspection	Jun 05 2009 02:23:24AM