

Harvest	Seed	Soil	Notes	Labor	Admin	Logout
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Welcome to the College Farm!
Select One of the Tabs Above.



<http://farmdata.dickinson.edu/guest.php>

FARMDATA:

**An interactive web-based records
management system for produce farms**

Dickinson College Farm

**Department of Mathematics and Computer
Science**

Center for Sustainability Education

Northeast SARE

Pennsylvania Certified Organic

FREE! Opensource downloads

Dickinson

- ▶ **FARMDATA: Your digital clipboard**

- ▶ **Digitize records instantly from the field via smartphone or desktop**
- ▶ **Live updates by multiple users**
- ▶ **Uses dropdowns and “smart” input forms**
 - ▶ **Save time**
 - ▶ **Minimize errors & lost records**



▶ **FARMDATA: BENEFITS**

- ▶ **Record plantings, harvest, seed orders, fertility, irrigation, scouting, sprays...**
- ▶ **Paperless invoicing, digital inventory**
- ▶ **Run analytical reports, generate graphs, download to excel**
- ▶ **Make your organic inspector smile!**
- ▶ **Plan accurately for next year**
- ▶ **Fast, easy, and on the go**



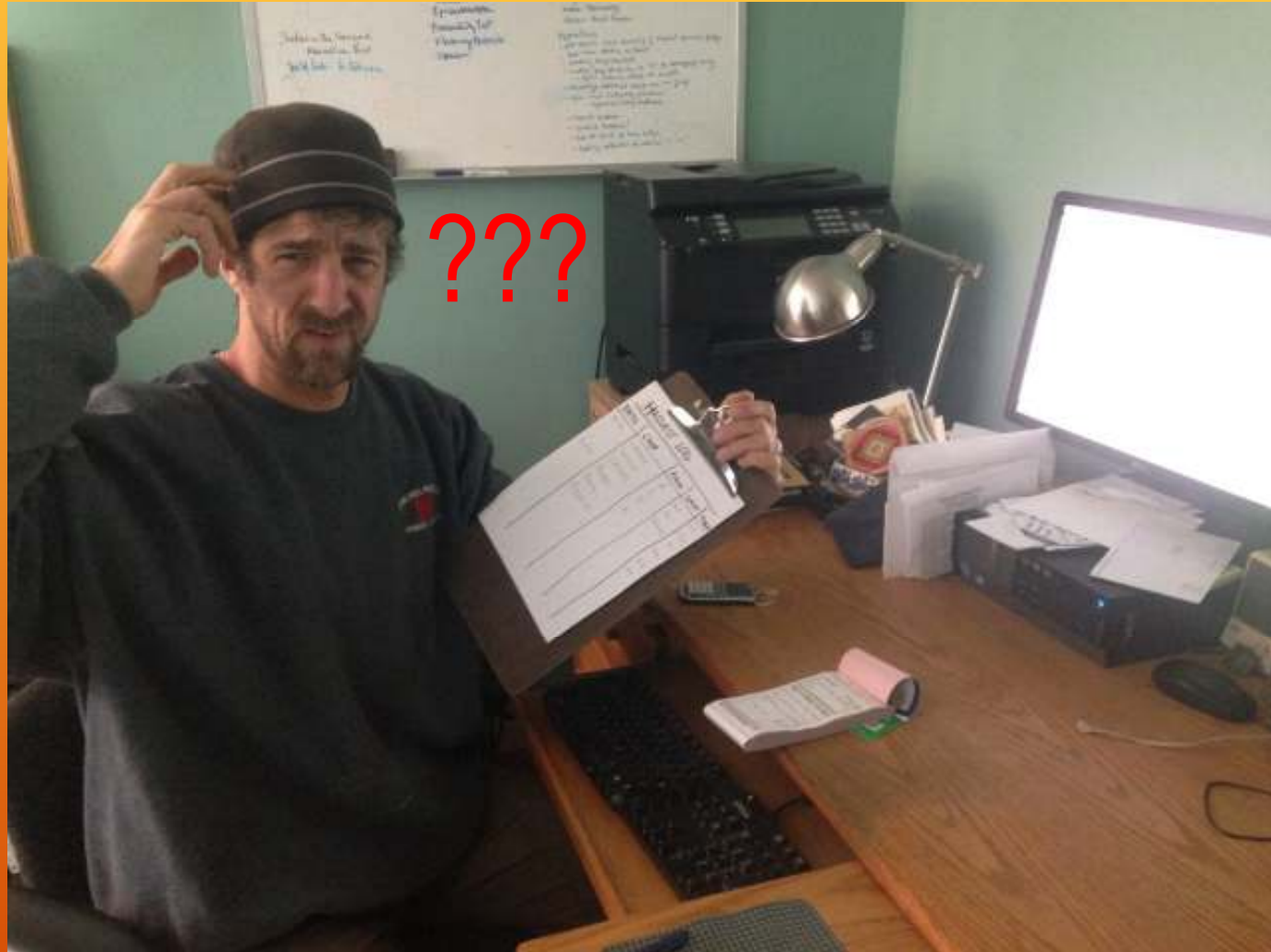


DATE	CROP	FIELD	UNIT	YIELD
6/14	CABBAGE	A	HD	45
	LETTUCE	C	HD	120
	CARROTS	D	Bunch	50
6/16	Peppers	R		2000
	Beans			35
	Eggplant			29

THE PROBLEM WITH PAPER RECORDS:

**INCOMPLETE
ERRORS
LOST, DAMAGED
TEDIOUS TO DIGITIZE**

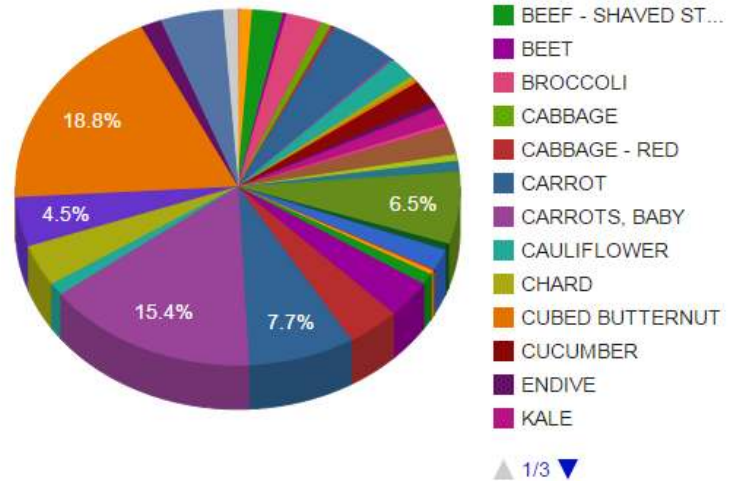
**DIGITIZING
RECORDS AT THE
END OF THE
SEASON IS A
DRAG AT BEST,
IMPOSSIBLE AT
WORST**



HOW DO WE GET FROM A TO B WITH MINIMUM PAIN??

Total income from invoices between 2014-1-14

Total income from Product



INSERT TIM'S DESIGN SLIDES HERE

A series of four parallel white diagonal lines of varying lengths, located in the bottom right corner of the slide, pointing towards the top right.



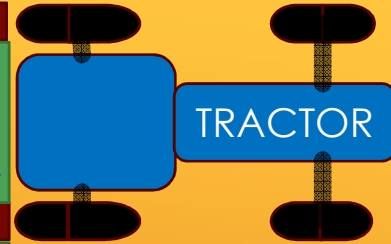
THINKING IN ROW FEET AND BED FEET

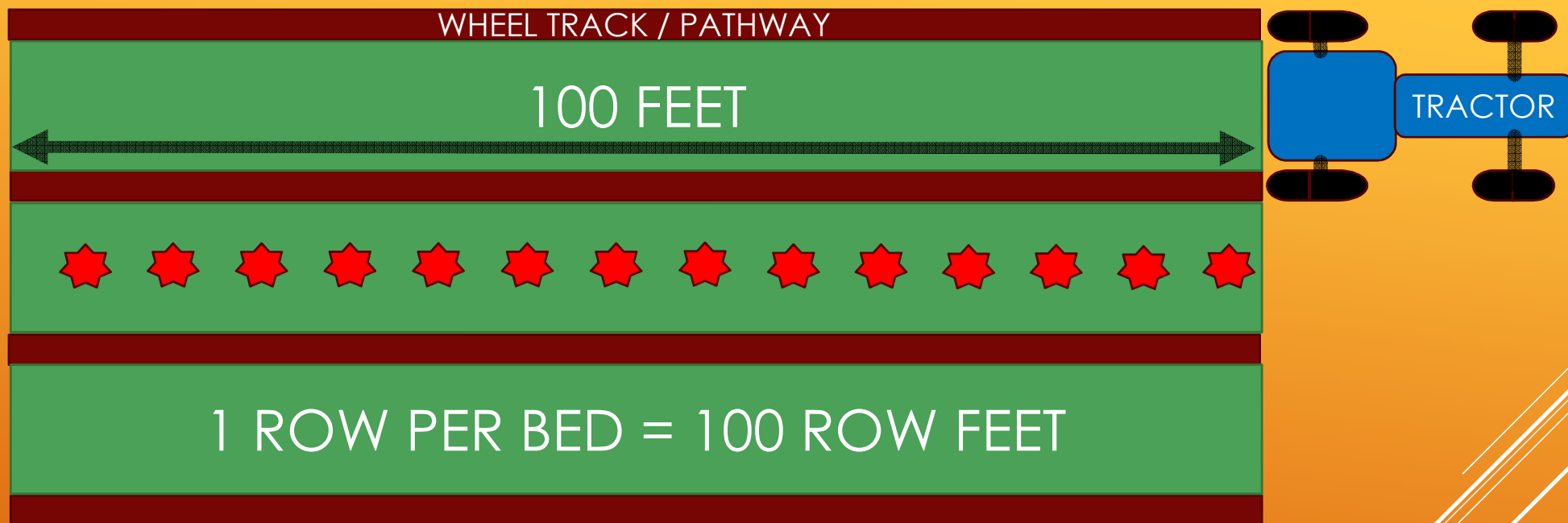
WHEEL TRACK / PATHWAY

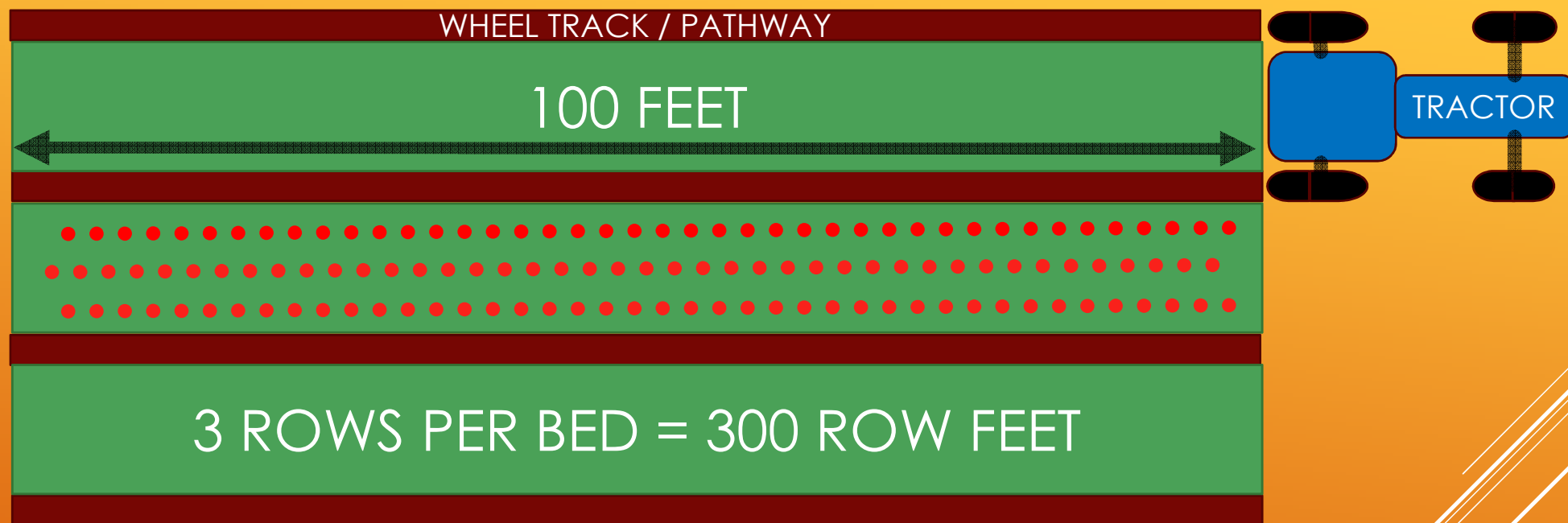
100 FEET

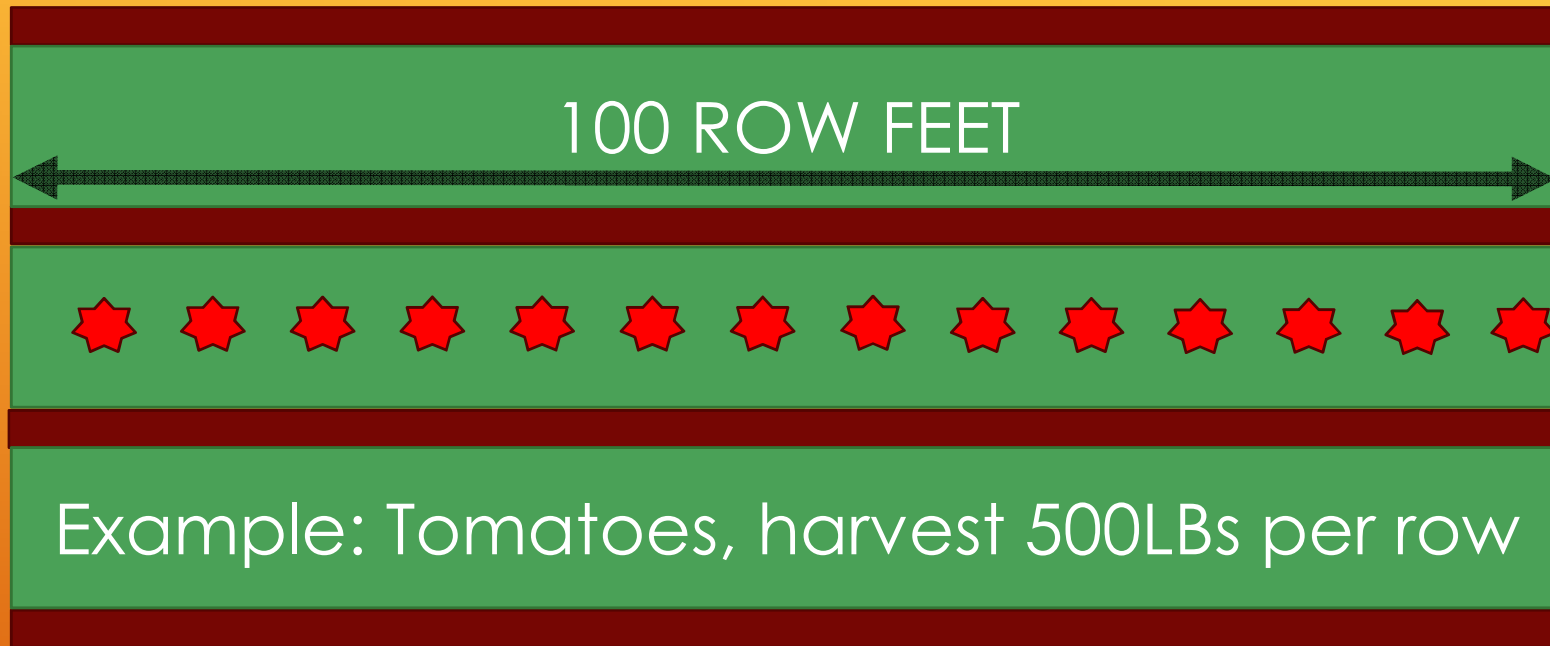
100 BED FEET

TRACTOR









**AVERAGE YIELD = 500LBs /100 row feet
= 5 LBs / row foot**

TO YIELD 5000 LBs, PLANT 1000 row feet

CROP	UNIT	YIELD / ROW FT	YIELD NEEDED	ROW FEET TO PLANT
BEAN, SNAP	LB	0.60	1000	1667
BROCCOLI	LB	0.75	2000	2667
CABBAGE	HEAD	0.53	500	943
CANTELOUPE	PC	0.65	1800	2769
CARROT	LB	0.80	3500	4375
CAULIFLOWER	EACH	0.65	250	385
CHARD	BUNCH	0.75	500	667
CUCUMBER, slicer	LB	2.00	1000	500

**ACCURACY
OF YIELD PER
UNIT AREA
FIGURE IS
ONE KEY TO
AN
EFFICIENT
CROP PLAN**

Direct Seeding Input Form

Date: August ▾ 9 ▾ 2014 ▾

Field: A ▾

BEET ▾

Seed Code	Bed Feet Seeded: ▾
BT-13-1-OG (BULLS BLOOD) ▾	1000
BT-14-2-UT (CHIOGGIA) ▾	1500

Add Variety

Remove Variety

Total Feet Seeded: 2500

Rows per bed: 3 ▾

Number of workers (optional): 1

Enter time in Hours or Minutes:

15 Minutes ▾

Comments:

Test record



Harvest	Seed	Soil	Notes	Labor	Adr
Direct Seeding		Flats Seeding		Transplanting	
Input Form			Report		

Direct Seeding Report for BEET in All Fields

Plant Date	Crop	Field	Bed Feet	Rows/Bed	Row Feet	Hours	Comments
2014-04-10	BEET	P	210.0	3	630.0	0.25	Hole 18?
2014-04-21	BEET	U	200.0	3	600.0	0.16	
2014-05-07	BEET	U	200.0	3	600.0	0.00	
2014-05-20	BEET	U	200.0	3	600.0	0.25	
2014-06-01	BEET	I	200.0	3	600.0	0.30	This planting - 200 bf - was spaded in on June 16th due to weak germination
2014-06-16	BEET	J	200.0	3	600.0	0.00	
2014-07-02	BEET	J	200.0	3	600.0	0.15	
2014-07-19	BEET	B	200.0	3	600.0	0.17	
2014-08-07	BEET	L	200.0	3	600.0	0.13	
2014-08-16	BEET	L	200.0	3	600.0	0.25	

Total Bed Feet Planted: 2010.0

Total Row Feet Planted: 6030.0



Harvest Input Form

Date Crop Harvested:

August ▼ 9 ▼ 2014 ▼

Crop: BEET ▼

FieldID	Yield	Unit	Workers	Minutes ▼
B ▼	48	BUNCH ▼	2	30
J ▼	214	POUND ▼	4	45

Add Field

Remove Field

Comments:

Clearing out field J, bulk beets

Submit



Harvest	Seed	Soil	Notes
Input Form		Report	

Harvest Report

From: January 1 2014

To: January 26 2015

Crop: BEET

Field ID: All

Submit



Harvest	Seed	Soil	Notes
Input Form		Report	

Harvest Report for BEET in Field P

Date	Field	Crop	Yield	Unit	Hours	Comments
2014-06-23	P	BEET	35.00	BUNCH	0.70	
2014-06-26	P	BEET	35.00	BUNCH	2.00	
2014-06-30	P	BEET	47.00	BUNCH	2.50	
2014-07-02	P	BEET	38.00	BUNCH	1.40	
2014-07-07	P	BEET	69.60	BUNCH	2.00	Clearout
2014-07-07	P	BEET	12.00	BUNCH	1.00	
2014-07-10	P	BEET	10.00	BUNCH	0.67	
2014-07-10	P	BEET	7.00	BUNCH	0.50	
2014-07-14	P	BEET	78.40	BUNCH	1.50	

Total Yield	Average Yield (bed feet)	Average Yield (row feet)
332.00 BUNCH(S)	1.581 BUNCH(S)/Bed Foot	0.527 BUNCH(S)/Row Foot

Download Report

Harvest	Seed	Soil	Notes	Labor	Admin
Add	Edit/Delete	View	Backdater	Config	
Harv List	Crop/Prod	Equipment	Soil	Sales	

Crop	Units	Field	CSA	Dining Services	Loss	Market	Other	Total
CHARD	BUNCH	D	24	0	0	12	0	36

Submit

Harvest List For: 2015-01-26

Crop	Field	Units	CSA	Dining Services	Loss	Market	Other	Total	Delete
BEET	A	BUNCH	50	0	0	25	0	75	Delete
BROCCOLI	C	POUND	75	100	0	40	0	215	Delete
CARROT	R	POUND	125	50	0	50	0	225	Delete



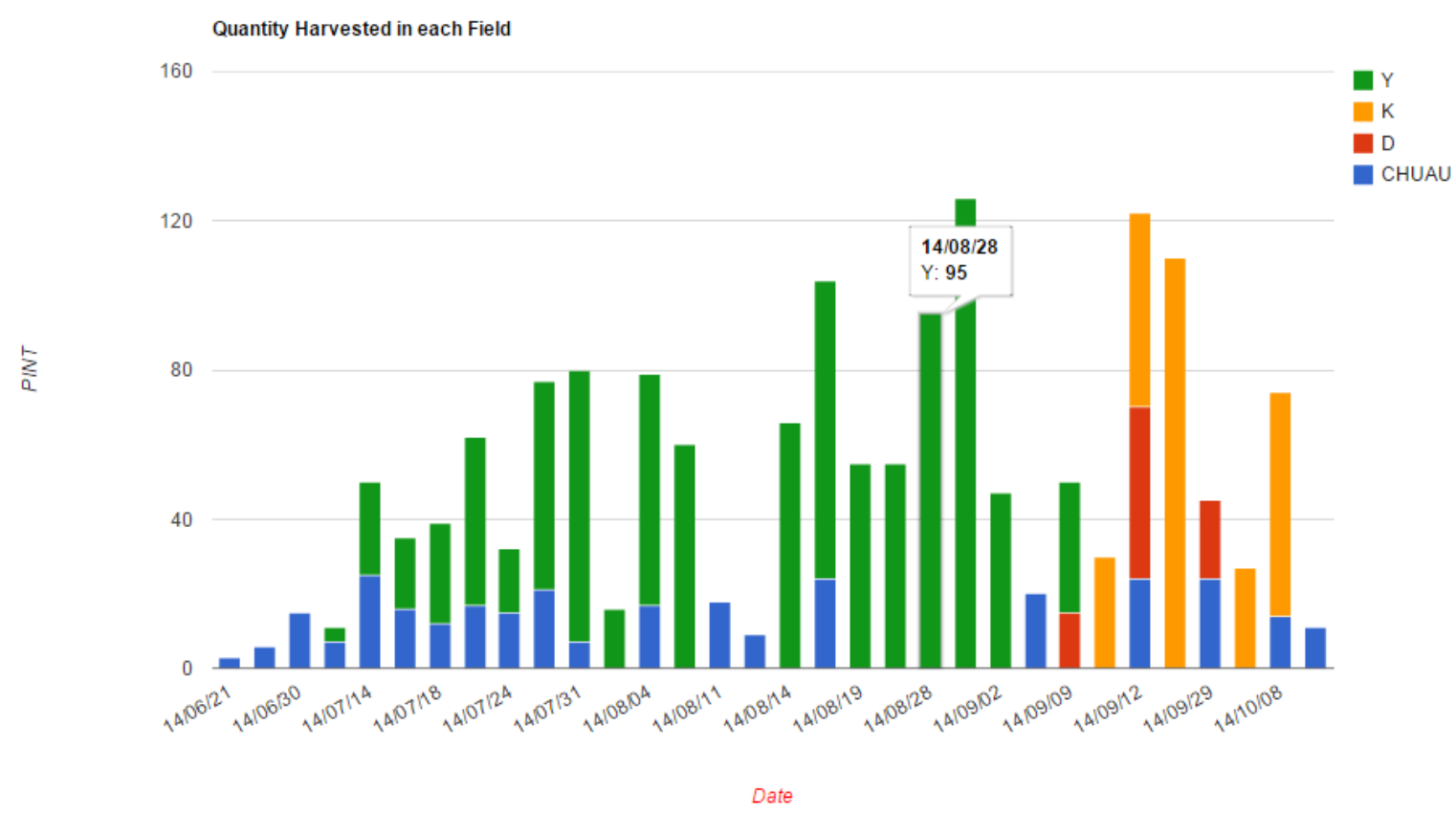
Harvest List for 2014-9-15

Crop	Field	Units	CSA	Dining Services	Loss	Market	Other	Total	Harvested
BEAN	j	POUND	1	0	0	0	0	1	0
BEET	barn	BUNCH	60	0	0	20	0	80	20
BROCCOLI	a/b	POUND	1	0	0	0	0	1	16.5
CABBAGE	A	EACH	20	0	0	0	0	20	20
CARROT	BARN	BUNCH	75	0	0	30	0	105	30
CHARD	O/C/JAS	BUNCH	18	0	0	5	0	23	23
CHINESE CABBAGE	B/BARN	EACH	10	0	0	5	0	15	19
CUCUMBER	W/D	POUND	1	0	0	0	0	1	10
EGGPLANT	Y/R	EACH	1	0	0	0	0	1	112
ENDIVE	j	POUND	3	6	0	3	0	12	24
GARLIC	BARN	HEAD	110	0	0	40	0	150	0
GREENS, MES MIX	l	POUND	8	10	0	5	0	23	17
HERB - BASIL	CHUAO	BUNCH	12	0	0	0	0	12	12
HERB - CILANTRO	J	BUNCH	10	0	0	0	0	10	10
HERB - DILL	j	BUNCH	10	0	0	0	0	10	10
HERB - PARSLEY	jasmine block	BUNCH	12	0	0	0	0	12	0
HERB - THYME	jasmine block	BUNCH	10	0	0	0	0	10	0
KALE	a/c/o	BUNCH	20	36	0	12	0	68	68
KOHLRABI	c	BUNCH	30	0	0	0	0	30	0
LEEK	x	BUNCH	85	0	0	8	0	93	27
LETTUCE	J/C	HEAD	55	48	0	25	0	128	128
LETTUCE, MES MIX	b/c	POUND	13	54	0	8	0	75	80.5
LETTUCE, ROMAINE	J/C	POUND	0	56	0	10	0	66	66
OKRA	O/R	POUND	1	0	0	0	0	1	23
ONION SPRING	J	BUNCH	0	0	0	12	0	12	0
ONION STORAGE	BARN	POUND	80	0	0	20	0	100	0

<https://farmdata.dickinson.edu/Harvest/harvest.php?tab=harvest:harvestInput&crop=KALE&date=2014-09-15>



Quantity harvested in each field of TOMATO, CHERRY between 2014-1-9 and 2014-12-9



CROP	UNIT	YIELD	BEDFT	YIELD/BFT	\$/UNIT	TOTAL\$	\$/BFT	HarvHrs	\$/HarvHr
CUCUMBER	POUND	4017	1010	3.98	\$ 1.00	\$ 4,017.00	\$ 3.98	70.13	\$ 57.28
LETTUCE	HEAD	3210	1563	2.05	\$ 1.00	\$ 3,210.00	\$ 2.05	34.6	\$ 92.77
LOPES	EACH	1147	624	1.84	\$ 2.00	\$ 2,294.00	\$ 3.68	24.78	\$ 92.57
PEA SNAP	POUND	1099	2225	0.49	\$ 2.00	\$ 2,198.00	\$ 0.99	71.2	\$ 30.87
PEPPERS BELL	EACH	5613	1096	5.12	\$ 0.55	\$ 3,061.64	\$ 2.79	23.45	\$ 130.56
POTATO	POUND	9108	6440	1.41	\$ 0.40	\$ 3,643.20	\$ 0.57	83.25	\$ 43.76
SALAD	POUND	3189	3943	0.81	\$ 5.00	\$ 15,945.00	\$ 4.04	206.90	\$ 77.07
SPINACH	POUND	1444	2083	0.69	\$ 5.00	\$ 7,220.00	\$ 3.47	104.5	\$ 69.09
TOMATO CHERRY	PINT	1629	851	1.91	\$ 1.67	\$ 2,715.00	\$ 3.19	66.6	\$ 40.77
TOMATO SLICING	POUND	20372	4424	4.60	\$ 1.00	\$ 20,372.00	\$ 4.60	173	\$ 117.76
ZUKE	POUND	4942.25	1010	4.89	\$ 0.70	\$ 3,459.58	\$ 3.43	92	\$ 37.60

DOWNLOAD TO EXCEL

CRUNCH > THINK > IMPROVE

Harvest	Seed	Soil	Notes	Labor	Admin	Logou
Add	Edit/Delete	View	Backdater	Config	Sales	
Packing	Distribution	Inventory	Invoice			
Create	Edit	Report				

Date: 2015-01-26 Customer: Other Invoice #: 2

Crop_Product:	Cases:	Price_case:	
CABBAGE	1	\$17.25	Submit

Current Invoice

Product	Cases	Unit	Units/Case	Total Units	Price per Case	Total	Delete
BROCCOLI	4	POUND	20	80	\$24.5	\$98.00	Delete
CARROT	2	POUND	50	100	\$27	\$54.00	Delete

Add Notes

THANKS FOR YOUR
 BUSINESS. NEXT WEEK NO
 BROCCOLI



Dickinson College Farm Invoice # DS245

Customer: Dining Services

Product	Cases	Unit	Units/Case	Total Units	Price per Case	Total
SWEET POTATO	2.5	POUND	40	100	\$23.00	\$57.50
BROCCOLI	7	POUND	20	140	\$24.50	\$171.50
CAULIFLOWER	1	EACH	12	12	\$36.00	\$36.00
KALE	1	BUNCH	12	12	\$12.50	\$12.50
LETTUCE	1	HEAD	24	24	\$17.25	\$17.25
LETTUCE, ROMAINE	2	POUND	2	4	\$29.50	\$59.00
ZUCCHINI	3	POUND	20	60	\$33.50	\$100.50
POTATO	1.4	POUND	50	70	\$19.00	\$26.60
CARROT	1	BUNCH	50	50	\$16.75	\$16.75
ONION STORAGE	1	POUND	2	2	\$20.50	\$20.50
SPINACH	4	POUND	4	16	\$11.50	\$46.00
SPRING MIX	5	POUND	3	15	\$8.50	\$42.50
ARUGULA	10	POUND	1	10	\$5.00	\$50.00

Notes

Wheatgrass 1 flat no charge

Total for Invoice 245: \$656.60

Date: 2014-10-06

Approved By: Ken





Invoice # DS290

Dickinson Farm



To: Lusk, Cheryl; Steiman, Matthew; Berrier, Kenneth; Hair, Mary; Houck, Ryan; Whitcomb, Jennifer

Tuesday, December 09, 2014 9:30 PM

Dickinson College Farm Invoice # DS290

Customer: Dining Services

Product	Cases	Unit	Units/ Case	Total Units	Price/ Case	Total
CARROT	2	BUNCH	50	100	14.75	29.50

Notes

Total for Invoice: \$29.50

Date: 2014-12-09

Dickinson College Farm
Box 1773
Carlisle PA 17013
Phone 717-713-0276

Approved by: MS



Invoice/Sales Report

From: December ▾ 9 ▾ 2014 ▾

To: December ▾ 9 ▾ 2014 ▾

Sales Target: All ▾

Submit

Sales Report Between 2014-9-1 and 2014-9-9

Sales Date	Invoice #	Target	View Invoice	Send Email	Total	Notes
2014-09-01	DS208	Dining Services	View	Send	\$319.50	
2014-09-01	DS209	Dining Services	View	Send	\$252.25	
2014-09-02	DS212	Dining Services	View	Send	\$585.50	
2014-09-03	DS211	Dining Services	View	Send	\$434.25	
2014-09-04	DS214	Dining Services	View	Send	\$238.75	
2014-09-05	DS215	Dining Services	View	Send	\$658.36	
2014-09-08	DS216	Dining Services	View	Send	\$412.88	
2014-09-09	DS217	Dining Services	View	Send	\$423.14	

Download Full Report



report [5].csv - Excel

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW DEVELOPER

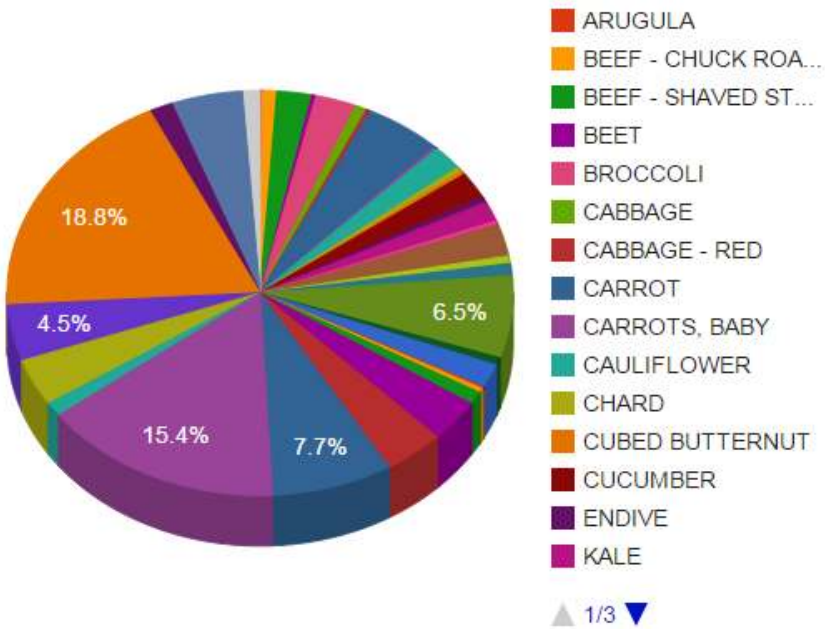
A1 salesDate

	A	B	C	D	E	F	G	H	I
1	salesDate	invoice_id	target	product	cases	price_per_case	total	approved	comments
2	9/1/2014	DS208	Dining Services	CUCUMBER	3	21.25	63.75	Ken	
3	9/1/2014	DS208	Dining Services	ZUCCHINI	2	16	32	Ken	
4	9/1/2014	DS208	Dining Services	TOMATO, CHERRY	3	15.5	46.5	Ken	
5	9/1/2014	DS208	Dining Services	TOMATO, SLICING	4	20.5	82	Ken	
6	9/1/2014	DS208	Dining Services	PEPPERS, BELL	2	13	26	Ken	
7	9/1/2014	DS208	Dining Services	LETTUCE, ROMAINE	1	30.25	30.25	Ken	
8	9/1/2014	DS208	Dining Services	SPRING MIX	4	8.5	34	Ken	
9	9/1/2014	DS208	Dining Services	BEET	1	5	5	Ken	
10	9/1/2014	DS209	Dining Services	TOMATO, SLICING	5	20.5	102.5	MS	
11	9/1/2014	DS209	Dining Services	CUCUMBER	2	21.25	42.5	MS	
12	9/1/2014	DS209	Dining Services	SPRING MIX	6	8.5	51	MS	
13	9/1/2014	DS209	Dining Services	LETTUCE, ROMAINE	1	30.25	30.25	MS	
14	9/1/2014	DS209	Dining Services	KALE	2	13	26	MS	
15	9/2/2014	DS212	Dining Services	SPRING MIX	12	8.5	102	MS	
16	9/2/2014	DS212	Dining Services	TOMATO, SLICING	11	20.5	225.5	MS	
17	9/2/2014	DS212	Dining Services	TOMATO, CHERRY	4	15.5	62	MS	
18	9/2/2014	DS212	Dining Services	LETTUCE, ROMAINE	2	30.25	60.5	MS	
19	9/2/2014	DS212	Dining Services	KALE	2	13	26	MS	
20	9/2/2014	DS212	Dining Services	ONION STORAGE	1	20.5	20.5	MS	
21	9/2/2014	DS212	Dining Services	PEPPERS, BELL	1	13	13	MS	
22	9/2/2014	DS212	Dining Services	SLICED BELL PEPPERS	4	19	76	MS	
23	9/3/2014	DS211	Dining Services	SPRING MIX	10	8.5	85	Ken	
24	9/3/2014	DS211	Dining Services	TOMATO, SLICING	6	20.5	123	Ken	
25	9/3/2014	DS211	Dining Services	TOMATO, CHERRY	3	15.5	46.5	Ken	
26	9/3/2014	DS211	Dining Services	CUCUMBER	2	21.25	42.5	Ken	
27	9/3/2014	DS211	Dining Services	LETTUCE, ROMAINE	1	30.25	30.25	Ken	



Total income from invoices between 2014-1-14 and 2014-12-14

Total income from Product



Harvest	Seed	Soil	Notes	Labor
Input Form				

Input Labor Record

Date: August ▾ 26 ▾ 2014 ▾

FieldID: A ▾

Crop	Percent Of Labor
BROCCOLI ▾	25% ▾
CABBAGE ▾	25% ▾
CAULIFLOWER ▾	50% ▾

Add Crop

Remove Crop

Task: WEEDING ▾

Number of workers: 6

Enter time in Hours or Minutes:

1.5 Hours ▾

Comments:

Last hoeing this crop



Harvest	Seed	Soil	Notes	Labor	Adm
Input Form				Report	

Labor Report for All Tasks for TOMATO, CHERRY in All Fields

Date	Crop	Field	Task	Hours	Comments
2014-05-08	TOMATO, CHERRY	Y	TRANSPLANTING	2.00	Check var info in notes. Verify rf at first harvest
2014-05-25	TOMATO, CHERRY	Y	WEEDING	1.80	Approx. weeding after williams
2014-06-07	TOMATO, CHERRY	Y	WEEDING	4.00	Hand weed around plants
2014-06-07	TOMATO, CHERRY	Y	STAKING	1.60	
2014-06-10	TOMATO, CHERRY	Y	STAKING	6.00	includes removing T posts and equipment from the woodlot, pounding in new posts, and pruning the first two rows of tomatoes. Percent of labor may be incorrect.
2014-06-11	TOMATO, CHERRY	K	IRRIGATING	0.48	
2014-06-11	TOMATO, CHERRY	K	IRRIGATING	0.50	
2014-06-11	TOMATO, CHERRY	K	TRANSPLANTING	7.00	Includes holemaking and by hand planting into rolldown mulch
2014-06-12	TOMATO, CHERRY	K	TRANSPLANTING	0.10	
2014-06-21	TOMATO, CHERRY	CHUAU	HARVESTING	0.20	
2014-06-21	TOMATO, CHERRY	CHUAU	DIRECT PLANTING	10.00	Hours includes estimated trellis to date

Total Hours: 33.7



Harvest	Seed	Soil	Notes	Labor
Fertility	Spraying		Scouting	
Cover Crop	Compost		Fertilizer	
Accumulation	Activity	Temperature	Application	

Compost Accumulation Form

Date: December • 9 • 2014 •

Pile ID: FA14-2 •

Materials:	Amount:	Unit:
FOODWASTE •	1	SCOOP-NH •
LEAVES •	2	SCOOP-NH •

Add Material

Remove Material

Comments:



Harvest	Seed	Soil	Notes
Fertility		Spraying	
Cover Crop		Compost	
Accumulation	Activity	Temperature	

Compost Temperature Form

Date: January 26 2015

Pile ID: SU14-2

Temperature Readings: (°F)	
105	
110	
107	

Average Temperature: 107.33

Add Temperature Reading Remove Temperature Reading

Comments:



Compost Application Form

Date: October ▾ 26 ▾ 2014 ▾

Field ID: D ▾

Percent of Field Spread: 100 ▾

Compost Pile ID: SP14-3 ▾

Tons per Load: 2.5

Number of Loads: 3

Incorporation Tool: DISK ▾

Incorporation Timing: Immediate ▾

Comments:

Some logs in compost



Harvest	Seed	Soil	Notes	Labor	
Fertility		Spraying		Scouting	
Insect		Weed			
Input Form			Rep		

Insect Scouting Input Form

Date: December 9 2014

Field ID: B

Insect: CABBAGE WORMS

Crop: BROCCOLI

Number of Plants Sampled: 5

Insects Per Plant:

- 3
- 2
- 0
- 4
- 2

Calculate Average

Average Insects Per Plant: 2.2



Harvest	Seed	Soil	Notes	
Add	Edit/Delete	View	Backdate	
Tables		Graphs		
Field	Units			Cr

Information on All Fields

Field	Size (acres)	Number of Beds	Length (feet)
A	0.88	15	425
B	0.66	14	300
BRAMBLE	0.13	6	150
BVO	0.01	3	24
C	0.39	12	283
CHUAU	0.07	5	96
D	0.41	12	300
E	0.11	10	75
F	0.59	12	330
G	0	0	0
GHANA	0.02	4	40
H	0	0	0
HERB	0.01	1	75
I	0.39	9	289
J	0.38	9	286
JASMINE	0.09	6	96
K	0.38	9	284
L	0.39	9	287
M	0.19	10	130
N	0.22	10	155
O	0.27	10	186
P	0.35	12	204



Date: December 9 2014

Tractor Spray Input Form

Field	Num Beds Sprayed	Acreage Sprayed
F	4	0.20
J	8	0.34
A	4	0.23

Add Field

Remove Field

Material Sprayed	Rate (in units per acre)	Unit	Suggested Total Material	Actual Total Material	Personal Protective Equipment	Restricted Entry Interval (Hours)
DIPEL DF	0.75	POUND	0.58	.6	PPE	4
PYGANIC	10.75	OUNCE	8.28	8	PPE	12

Add Material

Remove Material

Water (Gallons) Used Per Acre	Total Gallons of Water Used
130	100.10

Crop Group
BRASSICA
Reason For Spray & Comments
Flea beetles and cabbage worms above threshold



Tractor Spraying Report

Date	FieldID	%Sprayed	Material	Units	Rate	Total	Crops	Comments	Initials
2014-07-16	D	33.33%	CHAMP WG	POUND	1	0.30	TOMPEP	Blight in area, big rain 7.14	
2014-07-16	K	100.00%	CHAMP WG	POUND	1	0.28	TOMPEP	Blight in area, big rain 7.14	
2014-07-16	Y	80.00%	CHAMP WG	POUND	1	0.32	TOMPEP	Blight in area, big rain 7.14	
2014-07-29	Y	80.00%	CHAMP WG	POUND	1	0.32	TOMPEP	Rain and cold, blight prevention	
2014-07-29	D	33.33%	CHAMP WG	POUND	1	0.30	TOMPEP	Rain and cold, blight prevention	
2014-07-29	K	100.00%	CHAMP WG	POUND	1	0.28	TOMPEP	Rain and cold, blight prevention	
2014-08-08	D	33.33%	CHAMP WG	POUND	1	0.29	TOMPEP	Blight prevention	
2014-08-08	K	100.00%	CHAMP WG	POUND	1	0.27	TOMPEP	Blight prevention	
2014-08-08	Y	80.00%	CHAMP WG	POUND	1	0.31	TOMPEP	Blight prevention	
2014-09-10	D	33.33%	CHAMP WG	POUND	1	0.26	TOMPEP	Blight prevention	
2014-09-10	K	100.00%	CHAMP WG	POUND	1	0.24	TOMPEP	Blight prevention	

Total CHAMP WG Used: 3.17 POUND

Average Amount of CHAMP WG Used: 0.29 POUND

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Run Another Report



Seed Order and Inventory

Vegetable	Cover Crop
Crop: BRUSSEL SPROUTS	Crop: Crop
Planting Year: 2014	Planting Year: 2014

Seeds per row foot: 0.8

2000.0 seeds per OUNCE

Total row feet of BRUSSEL SPROUTS to plant in 2014: 500

Update Seeding Information

Seed Calculator

Unit	BRUSSEL SPROUTS Seeds Per Unit	Row Feet Per Unit	Calculator: Enter A Number In Any Row To Convert To Other Units
SEEDS	1	0	1000
GRAM	70.5	88.1	14.2
OUNCE	2000.0	2500.0	0.50
POUND	32000.0	40000.0	0.031

Seed Summary

Total BRUSSEL SPROUTS seed needed:	0.20	OUNCE(S)
Total BRUSSEL SPROUTS seed on hand:	0.07	OUNCE(S)
Quantity to order:	0.13	OUNCE(S)

Seed Summary

Total CABBAGE seed needed:	0.33	OUNCE(S)
Total CABBAGE seed on hand:	1.10	OUNCE(S)
Quantity to order:	-0.77	OUNCE(S)

Seed Inventory

Seed Code	Variety	Purchase Year	Row Feet To Plant	Seed Unit	Units To Plant	Units In Inventory	Units To Buy	Delete
CE-13-1-UT	AZURRO	2013	0.0	OUNCE	0.00	0.50	-0.50	Delete
CE-13-2-UT	BRONCO	2013	0.0	OUNCE	0.00	0.40	-0.40	Delete
CE-13-3-UT	RUBY PERFECT	2013	0.0	OUNCE	0.00	0.20	-0.20	Delete
Totals:			0.0		0.00	1.10	-1.10	

Update Inventory

Variety	Row Feet To Plant	Seed Unit	Units In Inventory	Purchase Year	Organic?
AZURRO ▾	0	OUNCE	0	2015 ▾	OG ▾

Add To Inventory

New Variety: TENDERSWEET

Add New Variety

Seed Order

Variety	Source	Catalog #	Organic?	Catalog Unit	Price Per Catalog Unit	Default Units Per Catalog Unit	Number of Catalog Units Ordered	Default Units Ordered	Total Price	Order Status	Delete	Add To Inventory
CAPTURE ▾	SEEDWAY ▾	5206or	OG ▾	1Msds	23.63	0.140	1	0.140	23.63	PENDING ▾	Delete	Add
FARAO ▾	HIGH MOWING ▾	2366	OG ▾	1Msds	31.25	0.140	1	0.140	31.25	PENDING ▾	Delete	Add
COPENHAGEN ▾	HIGH MOWING ▾	2348	OG ▾	1/8oz	4.65	0.125	1	0.125	4.65	PENDING ▾	Delete	Add
Totals:								0.405	59.53			

Add Order Row

Add To Inventory	Source 1	Date Searched	Source 2	Date Searched	Source 3	Date Searched
Add	HIGH MOWING ▾	Dec ▾ 18 ▾ 2014 ▾	JOHNNY'S ▾	Dec ▾ 18 ▾ 2014 ▾	Source ▾	Dec ▾ 18 ▾ 2014 ▾
Add	Source ▾	Dec ▾ 18 ▾ 2014 ▾	Source ▾	Dec ▾ 18 ▾ 2014 ▾	Source ▾	Dec ▾ 18 ▾ 2014 ▾
Add	Source ▾	Dec ▾ 18 ▾ 2014 ▾	Source ▾	Dec ▾ 18 ▾ 2014 ▾	Source ▾	Dec ▾ 18 ▾ 2014 ▾

Seed Order Report for All Crops in 2015 from JOHNNY'S of Status: PENDING

Crop	Variety	Year	Source	Catalog Order #	Organic?	Catalog Unit	Price Per Catalog Unit	Default Unit	Default Units Per Catalog Unit	Number of Catalog Units Ordered	Default Units Ordered	Total Price	Order Status	Search Source 1	Date Searched 1
BEAN	JADE BUSH	2015	JOHNNY'S	16G	OG	1Msds	6.08	OUNCE	10	10	100	60.80	PENDING		2015-01-12
BEAN	RODCOR	2015	JOHNNY'S	26G	OG	1Msds	6.75	OUNCE	10	5	50	33.75	PENDING		2015-01-12
BEET	MERLIN	2015	JOHNNY'S	2758g	OG	1000 seeds	2.65	POUND	0.028	5	0.14	13.25	PENDING	HIGH MOWING	2014-12-18
BOKCHOY	MEI QING	2015	JOHNNY'S	509	UT	pkt	3.95	OUNCE	0.036	2	0.072	7.90	PENDING	HIGH MOWING	2014-12-18
BROCCOLI	ARCADIA	2015	JOHNNY'S	139	UT	1Msds	6.61	OUNCE	0.17	5	0.85	33.05	PENDING	SEEDWAY	2015-01-13
SWEET CORN	LUSCIOUS	2015	JOHNNY'S	2259VG	OG	1Msds	12.70	POUND	0.4	1	0.4	12.70	PENDING		2015-01-13
TOMATO, CHERRY	JASPER	2015	JOHNNY'S	3812g	OG	100 sd	30.10	GRAM	0.3	1	0.3	30.10	PENDING		2014-12-19
TOMATO, CHERRY	SUN PEACH	2015	JOHNNY'S	3084	UT	100 sd	28.10	GRAM	0.3	1	0.3	28.10	PENDING	FEDCO	2014-12-19
TOMATO, SLICING	DEFIANT	2015	JOHNNY'S	2525g	OG	250 Sds	54.30	GRAM	0.7	1	0.7	54.30	PENDING		2015-01-12
TOMATO, SLICING	POLBIG	2015	JOHNNY'S	178	UT	pkt	4.95	GRAM	0.1	1	0.1	4.95	PENDING	HIGH MOWING	2015-01-12
TOMATO, SLICING	VALLEY GIRL	2015	JOHNNY'S	741	UT	pkt	3.95	GRAM	0.1	1	0.1	3.95	PENDING	HIGH MOWING	2015-01-12

Total Price: \$1184.05

Organic: 38.30%

Non-Organic: 61.70%

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Irrigation Report from 2014-9-8 to 2014-9-24

Date	Overhead (Hours)						Drip (Hours)						Date	Comment	Rain (inches)	Update
	A	B	C	J	L	O	D	K	R	V	W	Y				
2014-09-08													2014-09-08			update
2014-09-09													2014-09-09			update
2014-09-10	1.58	1.58			1.58		5.15						2014-09-10	*		update
2014-09-11													2014-09-11			update
2014-09-12							1.92		1.92	1.92	1.92		2014-09-12			update
2014-09-13													2014-09-13			update
2014-09-14													2014-09-14			update
2014-09-15													2014-09-15			update
2014-09-16			1.52	1.92									2014-09-16			update
2014-09-17		2.92		0.96	1.82								2014-09-17	*		update
Field:	A	B	C	J	L	O	D	K	R	V	W	Y				
2014-09-18													2014-09-18			update
2014-09-19	2.12	2.12											2014-09-19			update
2014-09-20													2014-09-20			update
2014-09-21			3.23		1.22	1.78							2014-09-21		0.3	update
2014-09-22													2014-09-22			update
2014-09-23	1.38	1.58											2014-09-23			update
2014-09-24													2014-09-24			update



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- ▶ **Get help from your webmaster or other tech savvy friend**
- ▶ **Enter your background data:**
 - ▶ **Fields, crops, harvest units, cover crops, spray materials, customers for invoicing**
- ▶ **Start small: Seeding, transplanting, harvests, sales**
- ▶ **Enter seeding & harvest activities as they happen – direct seeding, transplanting**
- ▶ **Explore Soil pages that appeal to you**

- ▶ **FARMDATA: KEYS TO SUCCESS**
- ▶ **Set up your page in the off season**
- ▶ **Delegate data entry to harvest crew, interns & other staff**
- ▶ **Set realistic data collection goals and accept failures**
- ▶ **Develop habits, culture of data collection**



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Beta comments please!**
 - ▶ **steimanm@dickinson.edu (Matt)**
 - ▶ **wahlst@dickinson.edu
(Dr. Tim Wahls)**

