ECT Step by Step

NIRT

7/24/08

Soybeans

Create New NIRT Soybeans

Select FGIS-NIRT Daily Soybean dropdown list

A new blank record will open

Checktest Home

Create New Checktest   [▼]

Search For Existing Checktest

Search By Test Reference No.

- FGIS-904 Laboratory Scale Test
- FGIS-923 Moisture Meter Test
- FGIS-924 Barley Pearler
- FGIS-924 Sieve Test
- FGIS-925 Rice Checktest Form
- FGIS-927 Test Weight Check Test
- FGIS-928 Dockage Check Test
- FGIS-936 Sampler Condition Report
- FGIS-965 Scale Test Report (Hopper)
- FGIS-965-1 Scale Test Report (Railroad Track)
- FGIS-965-2 Scale Test Report (Vehicle)
- FGIS-Falling Number
- FGIS-Mycotoxin
- FGIS-NIRT Daily Barley
- FGIS-NIRT Daily Corn
- **FGIS-NIRT Daily Soybean**
- FGIS-NIRT Daily Wheat

Equipment

Reports

E-mail Distribution Lists

Blank General Page

Standard User

Steps to Complete:

1. Enter Service Point Code

2. Add Equipment (if you know the number just enter and click on Verify Serial #.

3. Click on Save

4. Review

5. Click on Next

FGIS-NIRT Daily Soybean
General Information

General   Test   Bias Log

Test Reference Number:

Service Point [ ]   Lookup Service Point

FO   OA   LOCATION

NIRT Machine   Add Equipment   Enter Serial # [ ]   Verify Serial #

Save   Cancel   Void   Next

Add Equipment

Use Equipment Search to find NIRT machine

Equipment Search

	Select	Official Agency	Field Office	Serial #
Select	[Edit]		WIFO	12411644

Redo Search

Or if you know the machine number enter serial number and Click on Verify serial #

To change Equipment click on Remove and then Add Equipment to find another NIRT.

Click on Save to enable the Next/Test buttons

You are here: ECT Menu > FGIS-NIRT Daily Soybean   1.0.7

FGIS-NIRT Daily Soybean
General Information

General   Test   Bias Log

Test Reference Number:

Service Point 244 21   Lookup Service Point

FO   OA   LOCATION

FGIS - Wichita Field Office   KANSAS CITY, MO

NIRT Machine   Add Equipment   Enter Serial # 12411644   Verify Serial #

Select	SP Code	Serial #	Make	Model
[Remove]	244121	12411644	Tecator	Infratec 1241

Save   Cancel   Void   Next

Only 1 record for each machine can be open at a time

If you try to open a new record and an open record exists it will revert to the open record.

Since the system has to look at multiple records to perform calculations only a single record can be open at a time.

FGIS-NIRT Daily Soybean
General Information

| General | Test | Bias Log |

Test Reference Number: 14241

A previous NIRT test, ref # 14241 was found. Reverting to that test record. Checktest record saved

Service Point 244121 | Lookup Service Point |

FO   OA **LOCATION**

FGIS - Wichita Field Office   KANSAS CITY, MO

NIRT Machine | Add Equipment | **Enter Serial #** 12411644 | Verify Serial # |

Select	SP Code	Serial #	Make	Model
[Remove]	244121	12411644	Tecator	Infratec 1241

| Save | | Cancel | | Void | | Next |

Last change made on 7/25/2008 9:45:33 AM by user Mary Vick.

Blank Test Page – Top section & Protein

1. Enter Date
2. Enter Operator (License Number)
3. Enter Temperature
4. Enter Humidity
5. If Equipment Status has changed since last used then click yes. Default value is no
6. Enter Slope value
7. Enter Intercept value
8. To Enter/Change SRS Values
    1. Click on Unlock
    2. Enter Listed Value for each sample
    3. Click on Lock
9. Enter Sample Run Results
10. Move to next constituent section - Oil

FGIS-NIRT Daily Soybean
Test Information

General | Test | Bias Log

Test Reference Number: 14241

Date:		
Operator:		
Temperature:		
R. Humidity:		

	Yes	No
Equipment Status Change	○	⊙
Recalibration		
New Equipment		
Transport of Equipment		
Other Status Change		
No Multi-Run Average Allowed		

Instrument Constants: "O"   "P"

Protein Constants: Slope [   ]   Intercept [   ]

Protein

SRS #	Value (Unlock)	Run 1	Diff. of Drop to Target	Excluded
1				☐
2				☐
3				☐
4				☐
5				☐

Range

Bias Calculation	
Average	
Minus Baseline	
Today's Bias	

Calibration	
In Tolerance - No Bias Adjustment	
Out of Tolerance - Needs Bias Adjustment	

Required Intercept Bias Adjustment	
New Intercept	

Blank Test Page Oil Section

Steps to Complete

1. Enter Slope and Intercept
2. Enter/Change SRS values (same process as for Protein)
3. Click on Save
4. Review
5. Click on Submit or Click on Submit to Create another new record.

Instrument Constants: "O"   "P"

Oil Constants: Slope [   ]   Intercept [   ]

Oil

SRS #	Value [Unlock]	Run 1	Diff. of Drop to Target	Excluded
1				☐
2				☐
3				☐
4				☐
5				☐

[Range]

Bias Calculation	
Average	
Minus Baseline	
Today's Bias	

Calibration	
In Tolerance - No Bias Adjustment	
Out of Tolerance - Needs Bias Adjustment	

Required Intercept Bias Adjustment	
New Intercept	

Remarks

[   ]

[Previous] [Save] [Cancel] [Void] [Submit] [Next]

Edit SRS Value

Steps to Complete

1. Click on Unlock

2. Click on Ok

3. Enter SRS values (tab order goes down)

4. Click on Lock

5. Screen will refresh

Additional Drop Indicators

Sample that needs to be run again is identified by the Difference to Target Repeat box turning Red.

Instrument Constants: "O"   "p"

Protein Constants: Slope 0.966   Intercept 1.16

Protein

SRS #	Value (Unlock)	Run 1	Diff. to Target Repeat	Diff. of Drop to Target	Excluded
1	36.92	30.67	🟥	-6.25	☐
2	35.02	35.07		0.05	☐
3	35.14	35.21		0.07	☐
4	35.18	35.22		0.04	☐
5	35.98	36.03		0.05	☐

Range 6.32

Diff. to Target Repeat Rule

System will average the correct values and replace a value if that rule is met.

Test Reference Number: 14242

Checktest record saved

Date:	4/28/08		Equipment Status Change	Yes	No
				○	◉

Operator:	94110	Recalibration
		New Equipment
Temperature:	70	Transport of Equipment
		Other Status Change
R. Humidity:	44	No Multi-Run Average Allowed

Instrument Constants: "O"   "P"

Protein Constants: Slope 0.966   Intercept 1.16

Protein

SRS #	Value Unlock	Run 1	Diff. to Target Repeat	Diff. of Drop to Target	Excluded
1	36.92	30.67	36.97	0.05	☐
2	35.02	35.07		0.05	☐
3	35.14	35.21		0.07	☐
4	35.18	35.22		0.04	☐
5	35.98	36.03		0.05	☐

Range 6.32

Bias Calculation	
Average	35.70
Minus Baseline	35.65
Today's Bias	0.05

Calibration	
In Tolerance - No Bias Adjustment	X
Out of Tolerance - Needs Bias Adjustment	
Required Intercept Bias Adjustment	
New Intercept	

Completed Test Page

Enter all results

Click on Save to see calculations

Review and then Click on Submit to lock

Top Section

Oil Section

FGIS-NIRT Daily Soybean
Test Information

General	Test	Bias Log

Test Reference Number: 14241

Date:	4/27/2008
Operator:	94110
Temperature:	70
R. Humidity:	44

	Yes	No
Equipment Status Change	○	●
Recalibration		
New Equipment		
Transport of Equipment		
Other Status Change		
No Multi-Run Average Allowed		

Instrument Constants: "O"   "P"

Protein Constants: Slope 0.966   Intercept 1.16

Protein

SRS #	Value (Unlock)	Run 1	Diff. of Drop to Target	Excluded
1	36.92	36.97	0.05	☐
2	35.02	35.07	0.05	☐
3	35.14	35.21	0.07	☐
4	35.18	35.23	0.05	☐
5	35.98	36.03	0.05	☐

Range 0.02

Bias Calculation	
Average	35.70
Minus Baseline	35.65
Today's Bias	0.05

Calibration	
In Tolerance - No Bias Adjustment	X
Out of Tolerance - Needs Bias Adjustment	
Required Intercept Bias Adjustment	
New Intercept	

Instrument Constants: "O"   "P"

Oil Constants: Slope 1.089   Intercept -1.42

Oil

SRS #	Value (Unlock)	Run 1	Diff. of Drop to Target	Excluded
1	17.18	17.23	0.05	☐
2	18.30	18.35	0.05	☐
3	18.56	18.61	0.05	☐
4	18.64	18.69	0.05	☐
5	18.54	18.59	0.05	☐

Range 0.00

Bias Calculation	
Average	18.29
Minus Baseline	18.24
Today's Bias	0.05

Calibration	
In Tolerance - No Bias Adjustment	X
Out of Tolerance - Needs Bias Adjustment	
Required Intercept Bias Adjustment	
New Intercept	

Remarks

Previous	Save	Cancel	Void	Submit	Next

Bias Log Page

Default date range for bias log is the current date and back 14 days.

Therefore

Edit Date Range as Needed

I like to add TRN number to Comments and save so it is displayed on bias log.

Not all comments will display here. Only about the first 20 characters.

FGIS-NIRT Daily Soybean
Bias Log

| General | Test | Bias Log |

Test Reference Number: 14242

Protein

Start Date 1/1/08

End Date 7/25/2008

Date mm/dd/yy	Temp	RH	Today's Bias ±0.17	2-Run ±0.12	3-Run ±0.10	5-Run ±0.08	R*	Oper Init	Comments
				Multi-Run Averages			B*		
4/28/2008	70	44	0.05	0.05				94110	14242
4/27/2008	70	44	0.05				*	94110	

Export To .CSV

To Save Bias Log as a File

Click on Export to .csv

View in Excel or Save at .html and view in browser.

Excel version

Html version

Oops !!!!!
You broke it

but Don't Panic

Sometimes an error occurs when using the system.

First try to go back to the record and continue.

If error happens again make a note as to what action is triggering the error and call program administrator.

The IT staff sees all these errors and will contact the program administrator to investigate.