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

You are here: ECT Menu		1.0.7
	Checktest Home	
Create New Checktest		
Search For Existing Checktest	FGIS-904 Laboratory Scale Test FGIS-923 Moisture Meter Test	
Search By Test Reference No.	FGIS-924 Barley Pearler FGIS-924 Sieve Test FGIS-925 Rice Checktest Form FGIS-927 Test Weight Check Test FGIS-928 Dockage Check Test	
Equipment	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)	
Reports	FGIS-Falling Number FGIS-Mycotoxin FGIS-NIRT Daily Barley	
E-mail Distribution Lists	FGIS-NIRT Daily Corn FGIS-NIRT Daily Soybean FGIS-NIRT Daily Wheat	

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

1.0.7
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Add Equipment

Use Equipment Search to find NIRT machine

Equipment Search							
	Select	Official Agency	Field Office	Serial #			
Select	[Edit]		WIFO	12411644			
		Redo Sea	rch				

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

	General Information	
	General Test Bias Log	
Test Reference	lumber:	
Service Point 244	21 Lookup Service Point	
FO	OA LOCATION	
FGIS - Wichita Fie	Office KANSAS CITY, MO	
NIRT Machine	Add Equipment Enter Serial # 12411644	Verify Serial #
Select SP Code [Remove] 244121	Serial # Make Model 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.

You are here: ECT Menu > FGI	S-NIRT Daily Soybea	n		1.0.7
	FGIS-NIR Genera	T Daily Soybean I Information		
	General	Test Bias Log		
Test Reference Number	: 14241			
A previous NIRT test, ref # : Checktest record saved	14241 was found. R	everting to that test rec	ord.	
Service Point 244121	Lookup Service Poin	t		
FO	OA LOCATION			
FGIS - Wichita Field Office	KANSAS CITY	, мо		
NIRT Machine Add Equip	ment Enter Se	rial # 12411644	Verify Serial #	
Select SP Code Serial [Remove] 244121 124116	# Make Mod 44 Tecator Infrated	el : 1241		

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

st Referenc		
Date:		Equipment Status Change
Operator:		Recalibration
emperature:		New Equipment
R. Humidity:		Other Status Change No Multi-Run Average Allowed
nstrument Cor Protein Cor	nstants: "O"	"p"
		Intercept
Valua	Protein	Intercept
SRS # Value Unlock	Protein Run 1 Diff. o	Intercept of Drop to Target Excluded
SRS # Unlock	Protein Run 1 Diff. o	of Drop to Target Excluded
SRS # Unlock	Protein Run 1 Diff. o	of Drop to Target Excluded
SRS # Value Unlock	Protein Run 1 Diff. o	of Drop to Target Excluded
SRS # Unlock	Protein Run 1 Diff. o	of Drop to Target Excluded
Value Unlock 1 2 3 4 5	Protein Run 1 Diff. o	of Drop to Target Excluded
SRS # Unlock	Protein Run 1 Diff. o	of Drop to Target Excluded
SRS # Unlock	Protein Protein Run 1 Diff. o	Intercept of Drop to Target Excluded
SRS # Value Unlock	Protein Protein Run 1 Diff. o	of Drop to Target Excluded
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FGIS-NIRT Daily Soybean Test Information 1.0.7

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

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.

Instrur	nent Const	ants: "O"			P"		
	Oil Const	ants: Slope	2	Inte	rcept		
			Oil				
SRS #	Value Unlock	Run 1	Diff. of Drop to	Target	Excluded		
1							
2							
3							
4							
5							
Range							
	Bias Calc	ulation			Calibrat	tion	
	2.05 care		In To	lerance	- No Bias	Adjustment	
	Average		Out o	f Tolera	nce - Nee	ds Bias Adjustn	nent
Mi	inus Baseli	ne	Requ	uired Int	tercept Bi	ias Adjustment	
					•	-	

emarks					
revious	Save	Cancel	Void	Submit	Next

	You are here: ECT Menu > FGIS-NIRT Daily Soybean	
	FGIS-NIRT Daily Soybean Test Information	
	General Trest Biss Log Test Reference Number: 14242	
Edit SRS Value Steps to Complete 1. Click on Unlock	Date: 4/28/08 Equipment Status Change Yes No Operator: 941 Windows Internet Explorer Recalibration Temperature: 70 Are you sure? Recalibration R. Humidity: 44 OK Cancel Run Average Allowed Instrument Constants: "O" "P" Protein Constants: "O" "P"	
2. Click on Ok		
3. Enter SRS values (tab order goes down)	Value Instrument Constants: "O" SRS # Value 1 36.92 2 35.02 3 35.14 4 35.14 Value 4 35.14 Value Value Run 1 Diff. of Drop to Ta	"p" Intercept 1.16
4. Click on Lock	⁵ 35.98 1 36.92	
5. Screen will refresh	2 35.02 3 35.14 4 35.18 5 35.98 Range	
	Bias Calculation In Tolera	Calibration ance - No Bias Adjustment
	Average Out of To	olerance - Needs Bias Adjustment
	Minus Baseline Today's Bias	ed Intercept Bias Adjustment
		New Intercept

Additional Drop Indicators

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

Pr	otein Cons	tants: Slop	e 0.966 Int	ercept 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	

Diff. to Target Repeat Rule

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

Test Reference	e Numbe	r: 1424	42				
Checktest record	saved						
Date:	4/28/08		0 -	Equipment	Status Ch	ange ()	No
Operator:	94110]				Recalibra	tion
						New Equipm	hent
Temperature:	70				Transpor	t of Equipm	hent
D. Humiditur	44				Other	Status Cha	nge
K. Humidity:	44				uiti-Run A	verage Allo	wea
Instrument Con Protein Con	stants: " stants: Sl	0" ope 0.9	66	Inte	"P" ercept	1.16	
			F	Protein			
SRS # Unlock	Run 1	Diff.	to Ta	rget Repeat	Diff. of D	rop to Targ	et Excluded
1 36.92	30.67		36.9	97	C	0.05	
2 35.02	35.07				C	0.05	
3 35.14	35.21				C	0.07	
4 35.18	35.22				C	0.04	
5 35.98	36.03				C	0.05	
Range 6.32							
Bias Ca	alculation				Calibrat	tion	
Average	•	35.70		In Tolerance	- No Bias	Adjustment	t X
Average	-	33.70		Out of Tolera	ance - Nee	ds Bias Adj	ustment
Minus Base	eline	35.65	[Required In	itercept Bi	ias Adjustn	nent
Today's B	ias	0.05		1	New Intere	cept	

Completed Test Page Enter all results You are here: ECT Menu > FGIS-NIRT Daily Soybean **FGIS-NIRT Daily Soybean** Click on Save to see calculations Test Information Review and then Click on Submit to lock Bias Log General **Top Section** Test Reference Number: 14241 **Oil Section** 4/27/2008 Yes No Date: Instrument Constants: "O" "p" Equipment Status Change • 0 Oil Constants: Slope 1.089 Intercept -1.42 94110 Operator: Recalibration Oil New Equipment 70 Temperature: Value Transport of Equipment SRS # Run 1 Diff. of Drop to Target Excluded Other Status Change 44 1 0.05 17.23 R. Humidity: No Multi-Run Average Allowed 17.18 Г 18.30 18.35 0.05 з 18.56 18.61 "P" Instrument Constants: "O" Protein Constants: Slope 0.966 1.16 18.64 18.69 Intercept 0.05 5 18.54 18.59 Protein Range 0.00 Value SRS # Run 1 Diff. of Drop to Target Excluded Calibration 0.05 1 Г 36.92 36.97 **Bias Calculation** In Tolerance - No Bias Adjustment x 0.05 2 35.07 Average 18.29 35.02 Out of Tolerance - Needs Bias Adjustment 0.07 з 35.14 35.21 Γ Minus Baseline 18.24 Required Intercept Bias Adjustment 4 0.05 35.23 35.18 Today's Bias 0.05 New Intercept 0.05 5 35.98 36.03 Remarks Range 0.02 ۵. Calibration **Bias Calculation** In Tolerance - No Bias Adjustment x 35.70 Average Out of Tolerance - Needs Bias Adjustment Minus Baseline 35.65 Required Intercept Bias Adjustment Previous Save Cancel Today's Bias 0.05 Next New Intercept

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.

			F	GIS-N	IRT Da Bias I	aily Soy Log	beai	n	
				Genera	l Te	est Bi	es Log		
Test Refer	ence N	umbe	er: 14242	2					
					Prot	ein			
			:	Start Da	te 1/1/	08	•		
				End Dat	te 7/25	6/2008	•		
			Tadavla	Mult	i-Run Av	erages]		
			Today's Bias	Mult 2- Run	i-Run Av 3- Run	erages 5-Run	B*]	
Date mm/dd/yy	Temp	RH	Today's Bias ±0.17	Mult 2- Run ±0.12	i-Run Av 3- Run ±0.10	erages 5-Run ±0.08	B*	Oper Init	Comments
Date mm/dd/yy 4/28/2008	Temp	RH 44	Today's Bias ±0.17	Mult 2- Run ±0.12	i-Run Av 3- Run ±0.10	erages 5-Run ±0.08	B*	Oper Init 94110	Comments

						_											
					1	/ou are	e here: E	CT Menu ?	1.0.7								
							FGIS-NIRT Daily Soybean Bias Log										
	To Save Bias Log as a File Click on Export to .csv						General Test Birs Log Te File Download X Do you want to open or save this file? X Name: biaslog.xls Type: Microsoft Office Excel 97-2003 Worksheet From: fgiss.gipsa.usda.gov										
	View in Excel or Save at .html and view in browser.							Open Save Cancel m While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not open or save this file. What's the risk? 0									
	Excel ver	sion		f _x	snow/ma		Expo	ort To .C	20011	1						_	
	А	В	С	D	E	F	G	i H					к				
1				Today's	Multi	-Run Av	erage	25									
2				Bias	2-Run	3-Run	5-Ri	un B*									
3	Date mm/dd/yy	Temp	RH	±0.17	±0.12	±0.10	±0.				Today's Bias	Multi 2-	-Run Av	verages 5-	D×		
						•					10100						

Date

mm/dd/yy

4/28/2008

4/27/2008

Temp RH ±0.17

44

44

0.05

0.05

Html version

70

70

5

6

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8

4/27/2008

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44

0.05

Oper Init

94110

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Comments

94110 14242 Comments displ

±0.12 ±0.10 ±0.08 R*

0.05

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.

