

Connecting HarvestLab™ to Your PC

1. Select Start Menu -> Settings -> Network Connections -> Local Area Connection -> Properties
2. Double Click Internet Protocol (TCP/IP)
3. Select "Use the following IP Address"
4. Enter:
 - **IP Address:** 192.168.0.100
 - **Subnet mask:** 255.255.255.0
5. Open your internet browser (i.e. Internet Explorer) and enter the following into the address bar: **http://192.168.0.1**

Web Interface (measurement page)

Links to System Pages

JOHN DEERE

17 Aug 2007 02:49:56 PM

Click Measure to begin sampling → **Measure** Spectra Folder

Average Moisture Prediction → **1**

Repack measurements → [1, 0, 17 Aug 2007 02:50:17 PM, 78.3, 0.0, 0.0, 0.0, 0.0]

Sample #	Spectra #	Time	Constituent 1	Constituent 2	Constituent 3	Constituent 4	Constituent 5
<small>jd-cg-2007_AMO</small>							
1	Avr	17 Aug 2007 02:50:17 PM	78.6	0.0	0.0	0.0	0.0
1	0	17 Aug 2007 02:50:17 PM	78.3	0.0	0.0	0.0	0.0
1	0	17 Aug 2007 02:49:51 PM	78.4	0.0	0.0	0.0	0.0
1	0	17 Aug 2007 02:50:27 PM	79.1	0.0	0.0	0.0	0.0
1	0	17 Aug 2007 02:50:01 PM	79.0	0.0	0.0	0.0	0.0
1	0	17 Aug 2007 02:48:34 PM	78.1	0.0	0.0	0.0	0.0
Sample #	Spectra #	Time	Constituent 1	Constituent 2	Constituent 3	Constituent 4	Constituent 5

Steps to Measure forage

1. System Settings Page

- Click System Settings link.
- Click Synchronize with PC to set time.
- Change Repack number to 5.

NOTE: Changing the repack number to five will provide an average moisture prediction after five measurements of one forage sample.

- Click Set.



2. Calibration Page

- Click Calibration link.
- Select Moisture Curve.
- Click Save.

Available Moisture Curves

- Fresh Alfalfa
- Fresh Corn
- Fresh WCS (whole crop silage)
- Fresh Grass / Young WCS
- Ensiled Alfalfa
- Ensiled Corn
- Ensiled Grass
- Ensiled WCS (whole crop silage)

3. Measurement Process

- Click Measurement link.
- Clean glass bowl & lens.
- Fill bowl 1/2 to 3/4 with forage. Ensure the bottom of the bowl is fully covered.
- Put bowl on turn table & click Measure.
- Remove forage from bowl & clean bowl.
- Mix sample & place forage back in bowl.
- Repeat steps 4-6 four more times for a total of 5 measurements to receive an average moisture prediction of one forage sample.