

OWNER'S MANUAL
FOR
MODEL G-34 MOISTURE DETECTOR FOR BALED HOPS

A. GENERAL

The Delmhorst Moisture Detector enables you to easily check moisture levels in baled hops to assure quality and safe storage.

When measuring moisture content, keep in mind that “average” moisture content is not necessarily a true indication of the safety for storage, as a few wet spots in the hops may cause considerable damage. Therefore, proper testing involves making a number of tests in all parts of a bale. The meter indicates the moisture level in the hops that is in contact with the un-insulated tip portion of the prod. Since moisture distribution usually varies in baled hops, an average of several tests will give greater validity to the data collected.

Temperature of hops affects the reading of the electric moisture meter. An increase in hops temperature causes a corresponding increase in moisture meter reading.

If possible, try to test bales having a temperature not significantly off (lower or higher) from a nominal 80° F.

B. OPERATION

1. To check battery voltage, push the switch down to the “OFF” position and hold; the batteries are OK if the needle moves beyond “11” (BATT OK).
2. To check the meter calibration, push the switch to the “ON” position and hold; the meter is in calibration if it reads “13.5” on the dial. A tolerance of ± 0.5 is OK.
3. The meter is turned on, and remains on, for 4 minutes whenever the switch is pushed up to the “ON” position and released. The timer is reactivated for 4 minutes with each subsequent test with a reading of 8% or higher. If readings are below 8%, push the switch “ON” from time to time, to prevent the meter from turning “OFF” automatically. The meter may be turned off manually by pushing the switch to the “OFF” position.

NOTE: When the meter is “ON”, the needle rests below the 6% mark.

4. Connect an electrode to the meter. Force the probe into the bale and read the moisture content on the meter scale.

BATTERIES:

Two 9 Volt batteries are used (Eveready #216 or equivalent). The battery compartment is located at the bottom of the case.

Delmhorst Instrument Co.
51 Indian Lane East
Towaco, NJ 07082-1025
Tel: (973-334-2557)
(800-222-0638)
Fax: (973-334-2657)
E-mail: info@delmhorst.com
Web Site: www.delmhorst.com

3/90
Rev. 8/94