Lysimeter Encyclopedia Article

Lysimeter

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A device for 1) measuring **percolation** and **leaching** losses from a column of **soil** under controlled conditions, or 2) for measuring gains (precipitation, **irrigation**, and condensation) and losses (**evapotranspiration**) by a column of soil. Many kinds of lysimeters exist: weighing lysimeters record the weight changes of a block of soil; non-weighing lysimeters enclose a block of soil so that losses or gains in the soil must occur through the surface suction lysimeters are devises for removing water and dissolved **chemicals** from locations within the soil.