silage program takes into consideration partitioning the plants into stalks, leaves, and heads, and computes green weight and dry weight per acre production, and the contribution of each plant part to total production in a manner similar to that employed in the corn program. Processing for both of these silage programs takes between 0.1 and 0.2 minute per plot, depending on the amount of input data involved.

It is not possible in a presentation of this type to publish the actual program listings involved in each case, since each one consists of several pages of FORTRAN or FORCOM statements. However, copies of these programs can be obtained either from the authors or from the PROGRAM DISTRIBUTION CENTER, P. O. Box 790, White Plains, N. Y.—HENRY A. FRIBOURG, Associate Professor of Agronomy, and VAN K. MCCOMBS, Computing Center Programming Supervisor, University of Tennessee, Knoxville.

A PORTABLE "STRAP ON" DATA DESK

As more scientists turn to the analyses of data in computer centers, the need becomes greater for a portable data desk or writing board for use in the field. Such a portable "strap on" desk has been designed for use in recording data directly on IBM cards in the plots. The mark sense cards, on which lined columns and headings have been printed, are processed later in the Computer Center of the University of Georgia.

The sturdy desk (Figures 1 and 2) is made of pressed fiber board (masonite), 14 by 18 inches by $\frac{1}{2}$ inches, with aluminum edging and adjustable, attached $\frac{1}{2}$-inch canvas-type straps (from army surplus store). When in position, each strap passes over the shoulder and under the opposite arm of the note taker. The aluminum edging is $\frac{1}{2}$ inches wide and pressed into a 90-degree angle so that $\frac{1}{4}$ inch extends above the fiber board and $\frac{3}{4}$ inch is underneath it. A 2-compartment box is attached in the upper left corner to hold the $\frac{3}{4}$-inch by 7$\frac{1}{4}$-inch IBM cards, which are arranged by replications. Stationary clips are also provided for a pencil and paper or cards on the writing surface. Materials may be obtained at an estimated cost of $7.00.

The advantages of a desk of this type are the following:

1. Provision of an ample, portable writing surface and supplemental equipment
2. Freedom of both hands of the note taker for writing and taking data (e.g., pencil in one hand and a counter in the other hand)
3. Adjustability to fit a person of any size at most convenient angle
4. Ease and economy of construction
5. Durability
6. Ability to record data directly on IBM cards (e.g., mark sense) in the field instead of transferring original data to cards in the office before processing.

—WRIGHT S. JORDAN, Graduate Student in Plant Breeding, ANDREW G. JORDAN, Undergraduate Student in Agricultural Engineering, and A. A. FLEMING, Professor of Plant Breeding, University of Georgia.