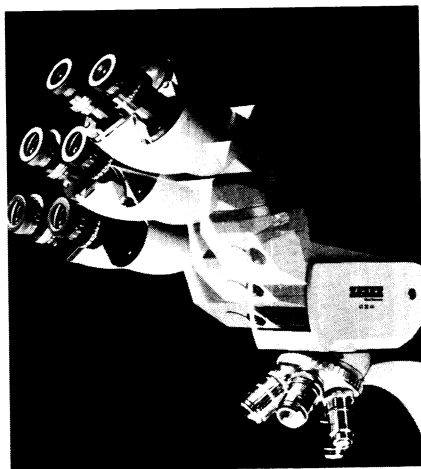


Zeiss Microscope Tube Aids Viewer Comfort

Zeiss has introduced an intermediate microscope tube which makes it possible to vary the height of the binocular by more than four inches. The binocular can be adjusted to the exact eye level of any user, thereby preventing fatigue. The direction of viewing can also be adjusted



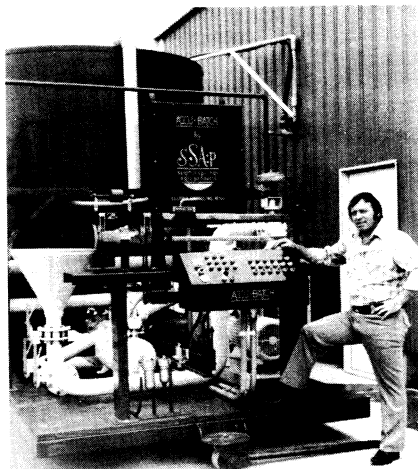
to the most comfortable position, which is particularly useful when other systems are interposed between the observation tube and the microscope body.

The system provides an upright, unreversed image that is vignette-free. The intermediate tube has an accessible intermediate image plane for insertion of 21-mm-diameter reticules.

Contact: Carl Zeiss, Inc., One Zeiss Drive, Thornwood, NY 10594; (914)747-1800.

New Precision Blending Fluid Fertilizer Machine

Accu-Batch, recently developed by Sulphur Springs Agri-Products, automatically blends and mixes fluid



fertilizers, herbicides, and insecticides to precise specifications quickly and conveniently at the dealer's plant.

The process, called "prescription blending," is accomplished by an automatic control panel. The operator sets the exact blend of ingredients to effectively correct the farmer's field problem. Precise combinations of liquid and dry fertilizers, chemicals, micro-nutrients, secondary elements, herbicides, and insecticides are automatically weighed, blended, and discharged into the farmer's field spreader or dealer's bulk transport, ready for field application.

Directed by the control panel, valves shut off exactly as programmed. The exclusive disperser chamber is mounted in the mixing tank located off center at the inlet valve to prevent vortexing, assuring that all ingredients are tunneled through the disperser chamber to maintain total suspension during the mixing and discharging process.

Contact: Howard Rader, Sulphur Springs Agri-Products, Sulphur Springs, IN 47388.

BLADEX Combinations Cleared for Corn in Pennsylvania

A recent 24 (c) registration clears the way for several new BLADEX 80W & 4L tank-mix combinations on conventional as well as reduced or no-till corn in Pennsylvania.

BLADEX plus atrazine in combination with Sutan+, Lasso, Dual, or paraquat may now be applied premerge in a three-way tank mix. BLADEX plus Dual or Lasso may also be applied in a three-way combination with paraquat. In addition, BLADEX/Atrazine/paraquat may now be applied in a four-way combination with either Dual or Lasso.

The registration also allows a new postemergence application of BLADEX 80W plus atrazine 80W. This application must be made prior to the fifth leaf stage of corn growth.

A variety of herbicide rates and ratios are available using the above tank-mix combinations. Depending on weed spectrum, soil texture and organic matter, the labels outline exactly what each grower needs based on his specific situation. For more information, check the product label or get in touch with your nearest Shell Chemical Company representative or contact: **Shell Chemical Company, 7870 Olentangy River Road, Suite 109, Worthington, OH 43095; (614)885-2282.**

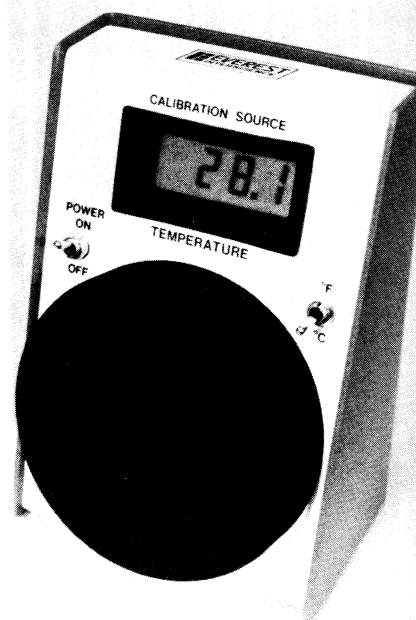
Infrared Thermometer Calibration Source

Quickly and accurately check the calibration of any low-temperature infrared thermometer in the field or laboratory with Everest Interscience's model 1000 Calibration Source.

The model 1000 is a small, hand-held unit used to check the precision of an infrared thermometer with 0.3°C or 0.5°F accuracy. It is a self-contained portable unit that is simple to use.

The model 1000 has a proprietary high-emissivity aluminum oxide target with concentric rings. It is powered by a 9-volt alkaline transistor battery which gives 100 hr of operation. When the battery is low the words "LO BAT" appear on the liquid crystal display. Its scale range is 0 to 60°C or 32 to 140°F.

Contact: Everest Interscience, P.O. Box 345, Tusting, CA 92680; (714)992-4461.



No endorsement of the products or services described or of the statements or claims made in these listings is assumed by PLANT DISEASE or by The American Phytopathological Society.

MICROMAX™ Improvements, Warranty

Micron Corporation has incorporated several improvements to its boom-mounted controlled droplet applicator, the MICROMAX™.

The belt-driven MICROMAX generates droplets of uniform size by rotary atomization. Exact droplet size is controlled by varying pulley settings. Micron has added a new shroud which will keep both belt and pulley clean and dry.

Micron has also made improvements to the MICROMAX 12-volt, DC current, 2-amp-drain motor. It is now more heavily insulated and sealed for better protection. The motor also features totally sealed teflon bearings. These improvements have prompted

Handbook Describes Corning Centrifuge Tubes

Chemical resistance and performance properties of Corning disposable plastic centrifuge tubes are detailed in a free applications handbook.

The eight-page illustrated handbook also outlines general procedures in preparing for centrifugation and in determining relative centrifugal forces or G-forces for specific laboratory test conditions.

The handbook notes that mechanical strength and flexibility, surface color, weight, and dimensional stability of all plastic centrifuge tubes are affected by the chemicals with which they come in contact. In addition, specific operating conditions including temperature, G-force, run length, and sterilization procedure also affect plastic centrifuge tubes.

Corning offers the handbook to assist users in determining the suitability of certain tubes in specific operating environments and in setting up optimal testing conditions. In addition, rotor selection and accessories recommendations from Beckman, I.E.C., and Sorvall are included.

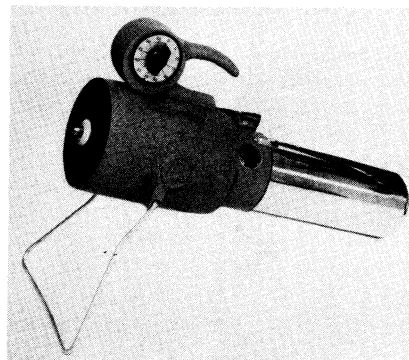
Contact: Corning Medical and Scientific, MS-21510, Corning Glass Works, Corning, NY 14831.

Microsol Aerosol Machine For Disease, Insect Control

Microsol 202 is used for disease and insect control on stored products including grain seed to protect against disease and insects, on stored potatoes to prevent sprouting, and for general insect control on stored rice. Microsol produces a cold aerosol with a particle range available from one-half micron to 60

microns. This equipment is currently in use in more than 70 countries.

Contact: 2240 S. Clermont, Denver, CO 80222; (303)692-0146.



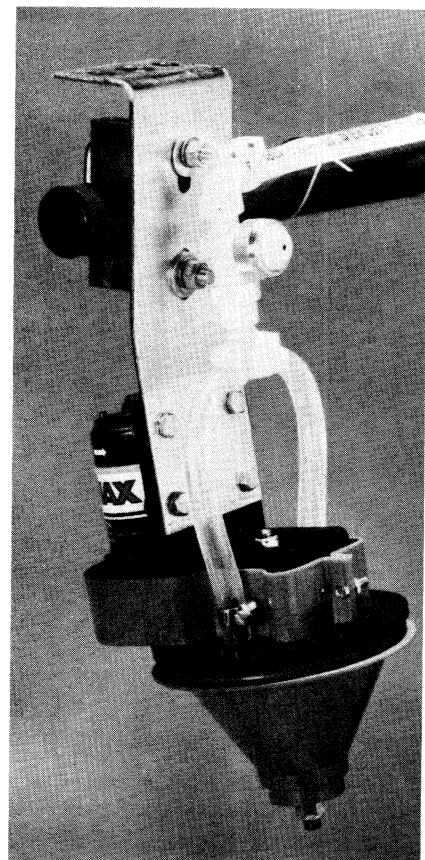
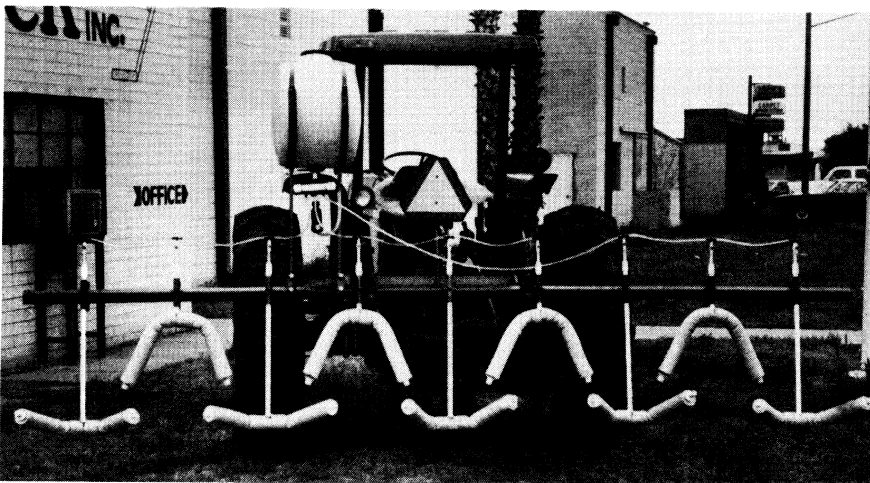
New Tractor-Mounted, Wick-Type Applicator

Micron Corporation of Houston has a new tractor-mounted, wick-type herbicide applicator, called the Shape A Wick™. The new applicator has the ability to be shaped as desired. It can be bent to the contour of the ground, or the crop (in the row or over the row), or to any necessary configuration. It also has adjustable height and lateral capabilities.

The wick itself is a cellulose sponge, providing tremendous holding capacity and complete saturation for an even flow of the systemic herbicide to all parts of the wick. The brush-on action of the wick reduces chemical waste and assures effective contact with weeds.

The applicator comes with manifold and delivery system, including tubing and flow-control valve. Supply tank is optional.

Contact: Micron Corporation, P.O. Box 19698, Houston, TX 77224; (713)932-1405.



Micron Corporation to extend their warranty period on the MICROMAX from 90 days to six months.

The MICROMAX is designed to use a minimum amount of water and rate of chemical recommended by manufacturers.

Contact: Micron Corporation, P.O. Box 19698, Houston, TX 77024; (713)932-1405, Telex: 79-2511 MICRONW HOU.