



One 20 min. dose per day is all that's needed to keep animals at their healthiest, says Solarium manufacturer.

Sun Lamps For Livestock

"It acts like the sun itself," says the manufacturer of the new Weinsberger Solarium, a system of sun lamps for livestock that reportedly "increases performance, health and breeding rates in animals".

The Solarium consists of a curved metal frame outfitted with individual infrared sun lamps that hang in a semi-circle above livestock being "treated". Although it is in use primarily among horse breeders and racers, the company has been using the Solarium successfully with cattle, hogs, dogs and other animals.

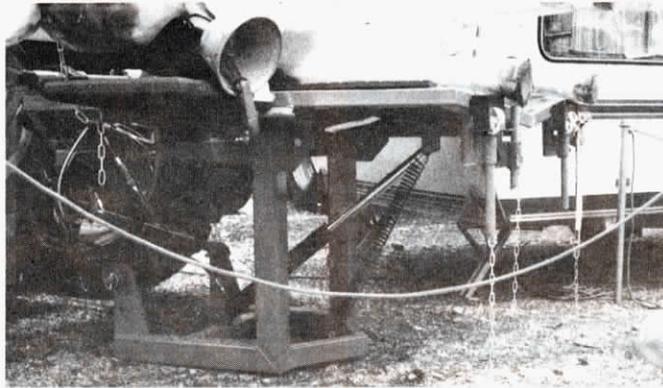
"The Solarium contains all the beneficial infrared rays of the sun but none of the ultraviolet rays that could cause eye or other damage," according to Monica Callsen, sales coordinator. Here are some of the benefits she says come with regular use of the system:

- Animals develop healthier bone structure and muscles due to better blood circulation.
- Hormonal activity is stimulated, increasing sperm counts and fertility. Numerous breeding successes have been reported with the aid of the Solarium.
- With better circulation, breathing is improved and the animal becomes more animated and temperamental.
- The Solarium raises hemoglobin blood counts in the blood.

According to Callsen, the Solarium is already in limited use by veterinarians in Germany for treating diseased animals. Farmers buying the system, reports Callsen, are most likely to use it regularly on their breeding stock. A minimum dose is considered to be 20 min. a day 3 times a week with the unit placed about 25 in. from the back of the animal. The optimum recommended procedure is to give animals at least one "dose" a day, says Callsen.

Solarium prices range from \$1,700 to \$3,500, depending on size of the unit.

Contact: FARM SHOW Followup, Weinsberger Solargesellschaft GmbH., Postfach 1144, D-7102 Weinsberg, West Germany (ph 071 34 6711).



New trimming chute raises animal to convenient working height.

Tractor Mounted Hoof Trimming Chute

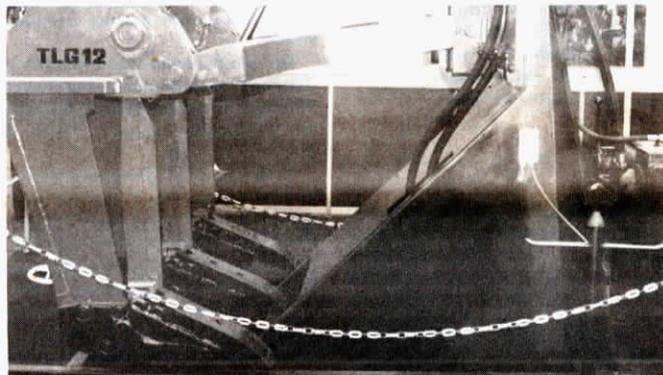
A tractor-mounted 3-pt. hoof trimming chute, complete with a life-size plastic cow, attracted thousands of interested farmers at the DLG Exhibition.

It's maneuverable and will go anywhere the tractor goes. In addition, every part of the chute that touches the animal is covered by thick rubber, with no sharp edges to injure the animal. The chute is V-formed toward the center so the animal's head

is slightly elevated above the body. It tilts to a full horizontal position at an ideal working height. Straps tightly hold the hooves in place. One hydraulic cylinder raises and lowers the chute.

Sells for about \$1,652.

Contact: FARM SHOW Followup, George Fritzmeier, GmbH & Co., 8011 Grossehefeldorf, West Germany (ph 080 95 61).



Deep-plowing Kaebler-Gmeinder machine features moveable shares that pulverize hardpan to depth of 3 ft.

Deep-Plowing Soil "Pulverizer"

If you've got hardpan or severe soil compaction problems, you'll be interested in a new deep plow that not only works down to a depth of more than 3 ft. but also breaks up and pulverizes the soil with moveable shares.

"Many soils around the world have become so compacted due to big tillage equipment that they have insufficient water storage capacity and often suffer erosion damage on the surface, resulting in considerable crop losses," says Johannes S. Bahr, export representative for Kaebler-Gmeinder, manufacturer of the new plow.

"The hydraulically operated moveable shares break up the soil so that it has more water holding capability, yet standing water drains away quickly, in many cases eliminating the need for drainage systems. The plow also leaves small underground furrows that, when worked transversely across hillsides, hold water like small underground terraces.

The special ripper shares on the new plow are powered by a rotating

shaft on the plow frame and connected to driveshafts down the front of each shank. As the shares move out and down, they begin loosening the solidified ground. When it comes back up, it lifts the soil upwards, pulverizing it all the way to the surface.

"Besides breaking up the soil, the powered shares also lessen the plow's horsepower requirements by lessening the forward resistance," says Bahr, noting that a 130 to 160 hp. crawler tractor is recommended to pull the 3-shank plow, which is 8-ft. wide.

Bahr says that the plow has been proven in countries throughout the world and can be used every year or every other year, depending on the area and the soil type. Although the unit is designed for crawler tractors, Bahr says it's possible it could be adapted to larger farm tractors.

Sells for \$54,000 in West Germany. Contact: FARM SHOW Followup, Johannes S. Bahr, Kaebler-Gmeinder, P.O. Box 1320, D-7150 Dacknang, West Germany (ph 07191 8931).



Rock-hard straw logs made by the new logging machine.

Straw Log Machine

The world's first straw log machine will soon be marketed worldwide by the Bermatingen Company of West Germany.

The new machine, designed to 3-pt. mount on small tractors, picks up straw or other residue in the field and uses tremendous hydraulic pressure to compress it into rock hard, fireplace size logs.

The company plans to begin production of the first-of-its-kind machine this fall. They are testing the first prototype and obtaining patents. H. Gottenbarm, Bermatingen representative, told FARM SHOW that the new machine can also make logs out of wood chips, corn stalks and other hard to compress material, such as sticks and twigs left in vineyards when grape vines are trimmed.

"You can make about 1,100 lbs. of logs per hour with our prototype machine. We have plans to build a 2,200 lb. machine in the future," says Gottenbarm. The log maker is designed to operate both in the field or as a stationary machine in the farmyard. It works on dry or wet material, applying approximately 1,100 lbs. of pressure per square inch on compressed material.

No price has yet been set on the machine.

Contact: FARM SHOW Followup, Bermatingen GmbH. & Co., 7775 Bermatingen/Bodensee, West Germany (ph 075 44 30 71).

