



Photo shows rancher Gary Hargrave, co-inventor, with a calf which was extremely chilled and near death when found. "We placed him in the unit for one hour with the control set on high, and then for 45 min. on low. He turned out to be one of the best-doing calves we produced."

WARMS AND DRIES THEM IN A HURRY WITH MINIMUM AMOUNT OF STRESS

Survival Shelter Saves Newborn Calves, Lambs

"Having been in ranching most of our lives, we know from personal experience how difficult the calving and lambing seasons can be," explains Doug Dall, Montana rancher and co-inventor of the new Animal Survival Shelter for saving newborn animals. "Once a newborn calf or lamb is 'down', it takes a lot of time and hard work to get it back on its feet," says Dall, who developed the new product in conjunction with neighboring rancher Gary Hargrave.

Their new Animal Survival Shelter is designed to get the newborn animal warm, dry and back to its mother with the least amount of stress. "It eliminates all the old fashioned methods, such as the bathtub, heating lamp or behind the cookstove," Dall points out.

The interior is completely enclosed and heated. A four-position control on the heating pad base has a range of 50 to 130°. The base pad is 1/2-in. plywood covered with 1 in.

foam rubber, the heating element and a vinyl cover. The base (24 by 36 in.) sets inside the 2 ft. by 4 ft. tent.

The tent raises 24 in. above the base and is made of vinyl material which is bacteria resistant and virtually indestructible. The lightweight tent frame is easily taken down and the entire unit can be stored in the 6 in. by 2 ft. by 3 ft. shipping box when not in use. The heating pad element plugs into a regular 110 V outlet, or into a 110 V. converter on a pickup truck. An optional battery-operated heating pad is also available.

The inventors note that the shelter can also be used for other purposes, such as a chicken or pig brooder, heating a dog house or for starting garden seeds. Suggested retail is \$89.95, plus shipping and handling.

For more details, contact: FARM SHOW Followup, Animal Survival Shelter, 885 Sunny Side Drive, Kalispell, Mont. 59901 (ph 406 755-7358).



Side view shows rear mounted shelling unit which is carried by tractor's 3 pt. hitch.



Vermeer will make the new picker available for mounting on several makes of tractors, and with 4 or 6 row heads.

INTERCHANGES FROM EAR CORN TO SHELLED CORN IN MINUTES

Vermeer Unveils New Corn Picker

"We think it's one of the best new corn harvesting ideas to come along in years," says Al Dolezal, sales manager, of Vermeer Manufacturing's new tractor-mounted corn picker.

"It's designed for farmers who already own a 100 hp or larger tractor and don't want to make the large investment in a self-propelled combine," Dolezal points out.

Six prototypes operating in the field this fall are equipped with 4 and 6 row International Harvester corn heads. A special frame mounts the corn head onto the front of the tractor. In back, the tractor's 3 pt. hitch carries a Vermeer-built shelling or husking unit. An attachment for grinding ear corn in the field is in the "research hopper".

Also being field tested this fall is a revolutionary Vermeer-designed and built soybean header-harvester. It takes six-rows at a crack and is equipped with a self-contained threshing mechanism built right into the header. Threshed beans are cleaned as they're elevated to the back of the tractor.

"We plan to have both machines — the tractor-mounted corn picker and our first-of-its kind soybean header-harvester — in production and available for use for the 1978 harvesting season," Dolezal told FARM SHOW. "We'll have standard brackets for mounting the machines on 100 hp or larger Deere, International and Massey Ferguson tractors, and should be able to fit most other tractors on special order."

Plans for manufacturing the new-

style Vermeer corn picker are already underway. In a matter of minutes, it can be switched from harvesting shelled corn to ear corn, or vice versa. The husking and shelling attachments are self-standing, allowing the operator to simply disconnect the pto shaft and 3 pt. hitch in switching from one to the other.

"In these days of energy shortages, it's a real advantage to be able to husk corn for crib drying without sacrificing the ability to also pick and shell," Dolezal points out. "For example, the farmer who normally picks and shells can use the shelling attachment. Then, if he runs short on storage or drying facilities, or if he wants to put up some ground ear corn silage, he can go to the field with the husking bed and bring home ear corn. When he gets ready to shell the cribbed corn, he simply rolls out the Vermeer shelling attachment and runs his stored ear corn through it."

Dolezal notes that the farmer who raises both corn and soybeans wouldn't use the same Vermeer-built machines interchangeably. The corn picker is strictly for corn, and the prototype soybean header-harvester for soybeans.

The tractor-mounted Vermeer corn picker, complete with a 6-row header and the rear-mounted shelling attachment, will retail for approximately \$16,000.

For more details, contact: FARM SHOW Followup, Vermeer Manufacturing, Box 200, Pella, Iowa 50219 (ph 515 628-3141).