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## **DUAL PURPOSE BREED IS HALF** HEREFORD, HALF IRISH DEXTER

## "Kentshire" Miniature Cattle Yield Both Beef And Milk

Here's a new mini cattle breed that joins other popular mini breeds that have caught on in recent years.

Miniature Kentshire cattle were developed by Richard Gradwohl at the Happy Mountain Farm, Kent, Wash. It's a dual purpose breed that's half Hereford and half Irish Dexter. The cattle stand just 36 to 48 in. tall and are all black with a white face and a large black circle around each eve.

"Kentshire miniatures are a short beefy animal with the best qualities of both the Hereford and Dexter breeds which means that it's an outstanding producer of both high quality milk and naturally tender beef," says Gradwohl. "The animals are easy to handle and very friendly and make wonderful pets. They require only a small amount of area and don't need a lot of feed or barn space. They're ideal for small acreage farmers who want a small family milk cow that can also produce good-tasting beef calves.

"The breed is named after Kent, Wash., and is one of the first dual purpose miniature cattle breeds developed in the U.S. Kentshire herds are being developed in Pennsylvania, Kentucky, Washington, Oregon, and California."

Gradwohl, who's the director of the Inter-

national Miniature Cattle Breeders Society (IMCBS), says the Kentshire has been accepted for registration with the Miniature Cattle Breeds Registry. "The registry now has 18 different mini breeds including the American Beltie, Australian Kyrhet, Angus, Barbee, Belfair, Black Baldie, Brangus, Covingtonshire, Dexter, Durham/Shorthorn, Happy Mountain, Hereford, Highland, Jersey, Kentshire, Kingshire, Spanish Las Manchas, and Zebu. We've developed 8 of those breeds at our own Happy Mountain farm."

The IMCBS holds an annual all breeds miniature cattle show and exhibition in July of each year. It also publishes a bimonthly newsletter containing news of miniature cattle breed activities, etc. A one-year subscription is \$25. A breeder's information packet is \$28.

Gradwohl says he has Kentshires for sale at \$2,000 to \$5,000 apiece.

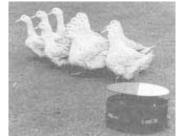
Contact: FARM SHOW Followup, Miniature Cattle Breeders Society, 25204 156th Ave. S.E., Kent, Wash. 98042 (ph 253 631-1911; fax 253 631-5774; E-mail: info@minicattle.com; Website: www.minicattle.com).

## Robot Stock Dogs In Development

In many areas of the world, stock dogs do a wonderful job handling all kinds of livestock from sheep to cattle to poultry. There's just one problem. You have to train them, feed them, and keep them healthy.

That's why several groups of British engineers have started working on "robot dogs" that will do the work of a stock dog with no needs other than a bit of electricity to recharge.

Although still a few years away from reality, prototype units are already putting on shows. One robot called Rover is a low to the ground circular unit (see photo) that works like a dog except the farmer can control it with a hand-held remote. Another unit in development, called Roboshep, is actually a converted ATV and is fitted with a GPS system to guide it. It will be designed to watch flocks out on pasture, counting them continuously and herding them to new ground as needed.



Rover is built low to the ground and is controlled with a hand-held remote

Robot dog projects are in the works at Cardiff University in Wales and at the Silsoe Research Institute in England which is coordinating work with three other universi-

(Reprinted courtesy Farm Equipment News, Auckland, New Zealand)





Golfers must decide whether to pitch over, chip around or blast through a hay rake that stands in the middle of a fairway.

## **Rural Golf Course Winds** Through Antique Farm Machinery

For farmers, John Nayowski's golf course is a slice of heaven.

It has few water hazards, straight and wide fairways, and zero sand traps. The only hazards on this golf course are the old threshers, seed drills, plows and other farm equipment scattered all over the course. Learning to chip over or drive through old equipment is just part of the challenge at the Long Lake Golf & Country Club located near Waskataenau, Alberta.

Nayowski began working on the course in 1983 after he retired from a 30-year career in the farm machinery business. After selling his International Harvester dealership he decided he had to find something else to do. An avid golfer himself, he bought a 1/4 section of land and started working on it. A friend suggested he use antique machinery to "decorate" it and things just took off from there.

"I've always loved farm machinery and

actually used many of these machines during my early years," says Nayowski.

A thresher stands at each tee with information about the holes painted on their sides. "Some guys gave me a threshing machine in exchange for a one-year membership and that deal's still open because I still need two more."

Old steel-wheeled tractors and implements line the fairways and box in some of the greens. Occasionally there's a machine right in the middle of the fairway. Many sport the dents of sliced shots.

'Old farmers just love coming here," says Nayowski, suggesting that there's often more reminiscing than serious golfing.

Contact: FARM SHOW Followup, John Nayowski, Long Lake Golf & Country Club, Box 524, Boyle, Alberta T0A 0M0 Canada (ph 780 576-3939 or 780 689-



A 1930's McCormick-Deering thresher poses a challenge at the seventh hole.