



Pump sucks sand and water through flexible hose at one end of dumpster and pumps it out through hose at other end.

"HARVESTS" SAND FOR GOLF COURSES

Farmer's Unusual Crop "Grows" On River Bottoms

Here's a farm enterprise you've probably never heard of - harvesting sand from the bottoms of rivers and ponds.

Robert Bradsher, Raleigh, N.C., built a "sand harvester" out of an old garbage dumpster and a Gleaner combine cab. He sells his "crop" to local golf courses.

"It does everything a commercial dredge will do," says Bradsher, who built the "sand harvester" with help from his neighbors. "It can pump sand up to 1,000 ft. away. Most dredges can't move sand nearly that far. It could probably be used to pump liquid manure out of lagoons, but I've never tried it. I bought the garbage dumpster at an auction for about \$400 and picked up the used cab at a salvage yard."

Bradsher mounted the cab inside one end of the 24-ft. long, 8-ft. wide, 40-in. high dumpster, which serves as a kind of barge-like boat, and used 6-in. channel iron to build a steel frame that he welded to the bottom of the dumpster. He fitted the frame with the axle and wheels of an old bus, and strapped a pair of military surplus pontoons onto the sides. A Detroit diesel 671 238 hp engine and transmission and a 6-in. sand pump, shaft-driven off the engine, mount inside the dumpster. The pump sucks sand and water through a flexible hose at one end of the dumpster and pumps it out through a hose at the other end. Water and sand are pumped to shore where the sand settles out



Bradsher built "sand harvester" out of an old garbage dumpster and a Gleaner combine cab.

and water drains back into the pond or river.

A pair of electric winches, mounted on front of the harvester, are used to move the rig back and forth. Bradsher hooks them to trees or other objects on shore. Two other winches move the suction hose left or right and one moves it up or down.

Truck tire inner tubes are used to float the outlet hose on top of the water. Bradsher mounted an old truck muffler on the engine to direct exhaust away from the cab and built a steel frame on top of the dumpster that can be covered by a plastic tarp for protection from the weather.

Contact: FARM SHOW Followup, Robert L. Bradsher, 6500 Louisburg Road, Raleigh, N.C. 27604 (ph 919 872-5174).



Each couple on dance floor consists of one person and one llama. Llamas wear colorful outfits decorated with matching red, white, and blue bows around their necks.

"GREAT DANCE PARTNERS"

They Teach Llamas To Square Dance

When Irv and Bea Kesling went to Lexington, Kent., last spring to attend the International Llama Association Conference, they took several llamas along with them. They took their square dance caller, too.

When they put on a square dance demonstration for the people in attendance, each couple on the dance floor consisted of one person and one llama.

"The audience was clapping its hands and having a ball," says Bea. "The llamas seemed to enjoy it, too. They make great square dance partners because they're just naturally friendly and like to cooperate. They can't make the fancy moves that people can make in square dancing. But they can do the basics, like bowing, with a gentle pull on the lead rope."

"A lot of people told us that the llama square dancing show was the best part of the conference. We had two sets of dancers so there were eight llamas and eight people dancing."

The llamas wore colorful outfits deco-

rated with silver sequins and had matching red, white, and blue bows around their necks. "They were all the same size so they looked very uniform, although we used animals of every color," says Bea.

The Keslings start teaching llamas to square dance as soon as they're weaned, at about 6 months of age. They halter-break the animals and teach them to walk at the owner's pace. They also teach them to go in and out of livestock trailers and to pull a pony cart in parades.

The Keslings, who have more than 150 llamas on their farm, gave their first public demonstration of llama square dancing last October during a meeting of the Hoosier Llama Association. They also staged a two-day public event on their farm last May that included llama square dancing. Nearly 4,000 people attended.

Contact: FARM SHOW Followup, Irv and Bea Kesling, 3300 Tallyho Drive, Kokomo, Ind. 46902 (ph 317 453-7070).

Dandy Directory Of Farm Shows

Where can I get a directory of major farm shows throughout the U.S. and Canada? Many readers ask us that question and we've got the answer. Agri Marketing Magazine puts out a directory and it's a dandy. What's more, a limited number of copies are available on a "first come, first serve" basis.

The recently-published directory for 1994-95 gives a rundown on some 200 different farm and agriculture trade shows, expositions and fairs. For each, it lists the date, location and contact address, and the number of exhibitors and visitors at "last year's" show.

If you'd like a copy, send your check for \$5.00 to: Agri Marketing, 11701 Borman Drive, Suite 100, St. Louis, Mo. 63146. Make your check payable to Agri Marketing and ask for the 1994-95 Farm Show Directory.

Here, excerpted from the directory, are some of the major farm shows to be held in 1994-95:

Big Iron Farm Show, Sept. 13-15 (1994), West Fargo, N. Dak.; **California Farm Equipment Show**, Feb. 14-16, Tulare, Cal.; **Canadian International Farm Equipment Show**, Feb. 7-10, Toronto, Ont.; **Canadian West-**

ern Agribition, Nov. 26-Dec. 2, Regina, Sask.; **Dakota Farm Show**, Jan. 4-6, Vermillion, S. Dak.; **Electric Power & Farm Equipment Show**, Mar. 15-17, Madison, Wis.; **Empire Farm Days**, Aug. 8-10, Seneca Falls, N. Y.; **Fargo Farm Show**, Jan. 17-19, Fargo, N. Dak.; **Farm Progress Show**, Sept. 27-29, Bloomington, Ill.; **Farmfest**, Aug. 1-3, Redwood Falls, Minn.; **Farmer-Stockman Show**, Oct. 11-13, Lubbock, Texas; **Fort Wayne Farm Show**, Jan. 17-19, Ft. Wayne, Ind.; **Hawkeye Farm Show**, March 21-23, Cedar Falls, Iowa; **Husker Harvest Days**, Sept. 13-15 (1994), Grand Island, Neb.; **Indiana-Illinois Farm Equipment Show**, Dec. 14-16, Indianapolis, Ind.; **International Plowing Match & Farm Machinery Show**, Sept. 20-24 (1994), Walkerton, Ont.; **Iowa Pork Congress**, Jan. 17-19, Des Moines, Iowa; **Michigan Ag Expo**, July 18-20, East Lansing, Mich.

Montana Agri-Trade Exposition, Feb. 16-18, Billings, Mont.; **National Farm Machinery Show**, Feb. 15-18, Louisville, Ky.; **National Western Stock Show**, Jan. 10-22, Denver, Col.; **New York Farm Show**, Feb. 23-25, Syracuse, N. Y.; **North American Farm & Power Win-**

ter Show, Dec. 14-16, Minneapolis, Minn.; **Northwest Agricultural Show**, Jan. 31-Feb. 2, Portland, Ore.; **Ohio Farm Science Review**, Sept. 20-22, London, Ohio; **Oklahoma Farm Show**, Apr. 21-23, Oklahoma City, Okla.; **Penn State Ag Progress Days**, Aug. 15-17, Rock Springs, Penn.; **Pennsylvania Farm Show**, Jan. 7-12, Harrisburg, Penn.; **Greater Peoria Farm Show**, Nov. 29-Dec. 1, Peoria, Ill.; **Power Show**, Jan. 27-29, Columbus, Ohio; **Siouxland Farm Show**, Feb. 21-23, South Sioux City, Neb.; **Southern Farm Show**, Feb. 1-3, Raleigh, N. C.; **Spokane Ag Expo**, Jan. 17-19, Spokane, Wash.; **Stockton Ag Expo**, Jan. 24-26, Stockton, Cal.; **Sunbelt Ag Expo**, Oct. 18-20, Moultrie, Ga.; **3-I Show**, April 27-29, Garden City, Kan.; **Triumph of Agriculture**, Mar. 14-15, Omaha, Neb.; **Western Canada Farm Progress Show**, June 21-24, Regina, Sask.; **Western Fair Farm Show**, Mar. 8-10, London, Ont.; **Western Farm Show**, Feb. 26-28, Kansas City, Mo.; **Wisconsin Farm Progress Days**, Sept. 20-22, Arlington, Wis.; **World Dairy Expo**, Oct. 5-9, Madison, Wis.; **World Pork Expo**, June 9-11, Des Moines, Iowa.