

HEATS FARM SHOPS AND OTHER BUILDINGS IN OFF-SEASON

Oil-Fired Crop Dryer Doubles as Furnace

"Demand is good and should remain so with the predicted energy shortage," reports Eugene Sukup, president of Sukup Manufacturing, Sheffield, Iowa. The firm has introduced Heat Wave, a fuel-oil fired heat exchanger that "beats the shortages and the high cost of propane."

The unit's fuel oil burner is exhausted to prevent fumes from going through the grain to cause odor problems. Because of its design for exhausting fumes and odors, it can be used during the off-season as a furnace to heat farm shops or other buildings, the manufacturer points out. It burns No. 2 fuel oil and deliv-

ers up to 1 million btu's/hr. For crop drying, it installs by simply bolting it onto a centrifugal-type fan.

Last year, Sukup used the new fuel oil-fired Heat Wave to dry corn on his own farm. "We dried approximately 8,000 bu. of corn and removed 10 points of moisture from 24 to 14 points. With fuel oil and electricity, we averaged about 6 cents per bu. cost."

Retail cost of the oil-fired Heat Wave heat exchanger is \$1,470.

For more details, contact: FARM SHOW Followup, Sukup Mfg., Sheffield, Iowa 50475 (ph. 515 892-3311).

USES NO HEAT EXCHANGER

Fuel Oil Dryer is Direct Fired

"Oil fired crop drying is the least costly available. And this is the most efficient vehicle to deliver it — a perfect match!"

So says Aerovent of its direct oil fired crop dryer, said to be "the most efficient oil-burning crop dryer available."

"We've eliminated the costly heat exchanger and offer more usable heat with practically no smoke or odor," Bob Rogers, Aerovent assistant national sales manager, told FARM SHOW.

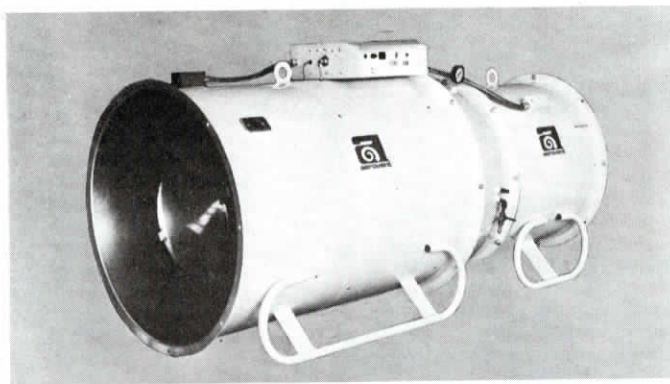
He points out that one gallon of No. 2 fuel oil provides 135,000 btu's of heat, more than either LP or natural gas. "Our exclusive direct-fired burner extracts nearly every one of these 135,000 btu's and delivers it as usable drying heat."

The new-style crop dryer is availa-

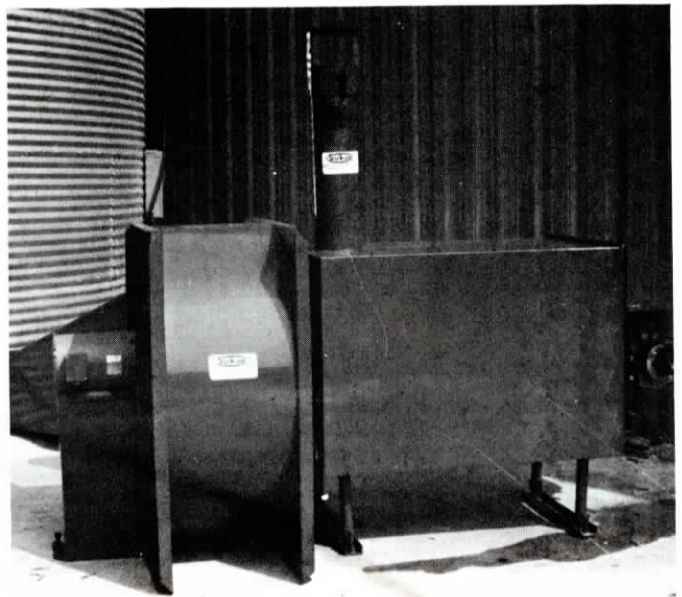
ble in 7.2, 9.3 and 12.5 hp models, all equipped with a 27 in. dia. fan section. Capacities range from 540,000 to 945,000 btu's per hour (4 to 7 gal./hr.).

Retail cost ranges from \$2,300 to \$2,600. "Any crop you can dry and market with LP or natural gas can be dried and marketed with this direct oil fired dryer," says Rogers. "It costs \$500 to \$800 more than a comparable capacity dryer operating on LP or natural gas. But, with a serious energy crunch, this difference might be easily offset by lower operating costs."

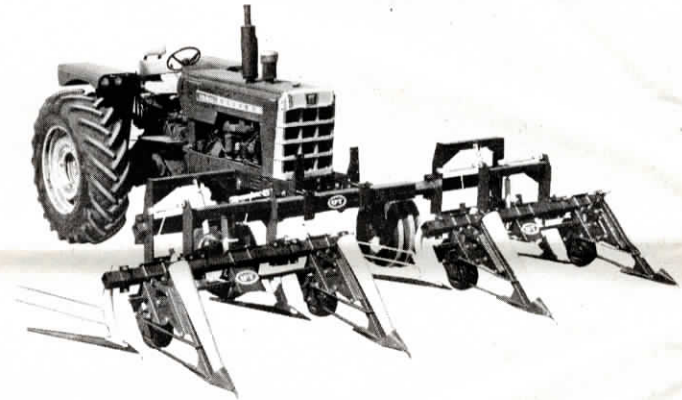
For more details, contact: FARM SHOW Followup, Aerovent Fan and Equipment Co., 929 Terminal Rd., Lansing, Mich. 48906 (ph. 517 323-2930).



Heat Wave fuel oil burner can deliver up to 1 million btu/hr. and burns No. 2 fuel oil. Burner chamber is constructed of stainless steel for long life and is exhausted to prevent fumes from going through the grain.



Exclusive direct fired feature of new Aerovent dryer overcomes "the relative inefficiency of units that use a heat exchanger," the manufacturer points out.



Knives of Cutter-Puller operate underground to salvage low-growing pods.

SALVAGES 5 BU. OR MORE PER ACRE

"Cutter-Puller" Helps Boost Soybean Yields

A Cutter-Puller machine originally designed for harvesting edible beans is being used by Soybean growers to salvage low-growing pods that conventional cutterbars can't get. "On 40 bu. soybeans, we're finding it will salvage an extra 5 bu. or more per acre," Robert Kammer, president of United Farm Tools' Speedy Division, Oelwein, Iowa, manufacturer of the new Speedy Cutter-Puller, told FARM SHOW. He notes that soybeans whose growth has been stunted by drought, late planting or frost tend to benefit most from the Cutter-Puller.

It's equipped with 4 in. by 46 in. hardened steel knives which go below the ground to cut plants off and salvage low-growing pods that

conventional cutterbars miss. It puts every two rows into a single windrow, which can be picked up by the combine, or pulled together into large windrows ahead of the combine. United offers a pto-driven rear-mounted windrower which can be used in conjunction with the Cutter-Puller in a once-over operation, or pull windrows together as a separate follow-up operation.

Cost of nine different Cutter-Puller models for handling 22 to 40 in. rows ranges from \$1,616 (four 22 to 24 in. rows) to \$2,975 (eight 30-in. rows).

For more details, contact: FARM SHOW Followup, Speedy Mfg. Division, Box 311, Oelwein, Iowa 50662 (ph. 319 283-5451).