

Featherless Chickens Can Take The Heat

Featherless chickens simplify the butchering process and they're a lot more efficient in hot climate locations. Professor Avigdor Cahaner at Hebrew University in Israel believes that in the heat, they could reach market weight one week sooner compared to standard feathered broilers.

"This is not a different breed, rather an option that allows us to get featherless broilers from any existing breed," Cahaner explains. "We develop a stock, which is similar to contemporary commercial broiler breeds, except that it carries the featherless gene. By mating males from our stock to females from any standard breed, featherless broilers of that breed can be produced. We are already at the point that we can offer such featherless males." (Rates of chicks born featherless vary from 25 to 50 percent depending on the genotype of the breeders.)

Work started at the university in Rehovot, Israel, in 2000, when researchers imported chickens with a natural, spontaneous mutation called "Scaleless" found at the Univer-

sity of California in the mid 1950's. The mutation was found in a breed of egg production chickens named New Hampshire.

Tapping into the gene for raising broilers is all about efficiency. Feathers make it more difficult to dissipate excess internal heat, which reduces appetite.

In addition, eliminating the need to grow feathers saves about 10 percent in feed costs.

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Wand tubing on the Radiator Genie is small enough so you can get into confined areas, yet big enough to create a lot of force with air or water.

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First-Of-Its-Kind Wands Clean Out Radiators

"It's designed to clear out every nook and cranny of your machine's cooling system," says Jerry Crum, Okemah, Okla., about his company's new "Radiator Genie".

It consists of a pair of 23-in. wands that are sold in a set. One wand hooks up to an air compressor hose and the other to a garden hose. The handle on each wand is equipped with adjustable pressure. To operate, you just squeeze a lever on the handle.

A "pinched down" fan head is designed to fit into the engine's cowl and between the fan blades, where it can be positioned at the correct angle to blow directly through the radiator coils and exert maximum pressure to the back side of the radiator.

"It looks like a simple tool but a lot of thought and design went into it," says Crum. "We tested it for two years with no product failure. The wand tubing is small enough so you can get into confined areas, yet big enough to create a tremendous amount of air force."

There's a real need for a better radiator cleaning tool, says Crum. "Today's cab tractors have high efficiency cooling systems with downsized radiators and small cores. The radiator, air conditioner cooling coil, and hydraulic coolers are all positioned in a very confined space. There was nothing



A pair of 23-in. wands are sold in a set. One wand hooks up to an air compressor hose and the other to a garden hose.

on the market to reach into such confined areas."

He says the Radiator Genie also works great on RV's, motorcycles, 4-wheelers, central air conditioners and there is no better tool on the market to clean large or small air filters.

As to whether you should use air or water, he says air is probably most popular. "However, if you want to do a really thorough cleaning job you can use air first and then water. Your radiator will look like new again."

A set of 2 wands sells for \$34.95 plus S&H.

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