

**COST 20 to 25% LESS TO OPERATE
THAN GASOLINE**

GMC Introduces New Diesel-Powered Pickups

"They're capable of producing fuel savings of as much as 20 to 25% over comparable size gasoline engines," says GMC of its new diesel-powered pickups for 1978.

The new GM V8 diesel engine, which develops approximately 120 net hp at a relatively high 3600 rpm, is being offered in half-ton (C10) two-wheel drive, two-door Fleetside and Stepside pickups for '78.

In addition to fuel economy, the new diesel engine offers the ability to withstand long periods of idling more efficiently. It has low exhaust emission levels, enabling it to meet federal air pollution standards without a catalytic converter, GMC points out. Bore is 4.06 in., stroke 3.39 in. and compression ratio is 22 to 1. It is a naturally aspirated, four cycle engine with the four cycles being similar to those of a gasoline engine. The combustion chamber design includes a combustion pre-chamber where fuel ignition begins before spreading to the piston area, providing a quieter running, more economical engine with less exhaust smoke than a con-

ventional diesel engine with an open chamber design. The design also includes glow plugs extending into each pre-chamber. The ignition system activates the glow plugs and, after a brief wait, the engine can be started. Glow plugs stay activated until the engine reaches normal operating temperature.

In addition to the engine, the "diesel package" includes an engine oil cooler, thermostatic fan drive, dual exhaust system, two 4000-watt heavy duty batteries connected in parallel for starting, a 63 ampere Delcotron alternator, engine block heater, hood and front and rear floor noise insulation, added spray deadener on cowl sides, power brakes, power steering, automatic transmission and a special instrument cluster.

For price and other details, see your local Chevrolet dealer or contact: FARM SHOW Followup, Public Relations Dept., Chevrolet Motor Division, General Motors Corp., General Motors Building, Detroit, Mich. 48202 (ph. 313 556-5937).

**AVAILABLE "OVER THE COUNTER"
OR THROUGH VETERINARIANS**

New Mastitis Product for Treating Dry Cows

One of the biggest breakthroughs in mastitis control since the FDA's crackdown four years ago was announced by the Upjohn Co., headquartered at Kalamazoo, Mich., as this issue of FARM SHOW went to press.

The FDA has approved the company's new formulation for dry cow mastitis control which is available as Biodry (sold over the counter) or Drygard (sold through veterinarians). Both products contain 400 mg. of the antibiotic novobiocin in an oil suspension and both control the two most common mastitis-causing organisms — streptococcus agalactiae and staphylococcus aureus.

"Our research involving 2,300 dairy cows in five geographic locations shows novobiocin to be very effective in treating mastitis in dry cows," explains Dr. G. H. Swenson, Upjohn researcher.

The National Mastitis Council recommends that dry cow mastitis products be used to treat all four quarters of all cows as they're dried

off. With Biodry or Drygard, you infuse the contents of one tube in each quarter after the last milking prior to initiation of the dry period. Massage the udder after treatment to distribute the product throughout the quarters, then dip all teats following treatment with a suitable teat dip.

Biodry and Drygard are not to be used less than 30 days prior to calving. There is no milk discard requirement if used as recommended.

In addition to the Upjohn (Drygard) and Tuco (Biodry) labels, the new dry cow mastitis formulation is being private labeled by four different suppliers — Agway, Ralston-Purina, Central Soya and Allied Mills. Suggested retail of the new product sold "over the counter" is \$10.50 for a box of 12 10ML plasted syringes, enough to treat all four quarters of three cows.

For more details, contact your local animal health supplier or veterinarian, or contact: FARM SHOW Followup, The Upjohn Co., Public Relations, The Upjohn Co., Building 190, Kalamazoo, Mich. 49001.



Chevrolet is offering, for the first time in '78, the new GM V8 diesel engine in the half-ton (C10) two-wheel drive Fleetside and Stepside pickups. It develops 120 hp at 3600 rpm and has a compression ratio of 22 to 1.

Reader Letters

I enjoy your magazine and have more than paid for the subscription price with new ideas.

Verdun Schauer
Sterling, N.D.

Really enjoy your magazine. I'm sending names of nine friends who might also like to subscribe, although some of them might have been Charter Subscribers as myself.

I really enjoy your "Farmers Nominate Best, Worst Buys" section and refer to it as the "Brag and Bellyache Page" when I tell friends about it.

Doug Cling
Maple Lawn Farm
Mediapolis, Iowa

Will take this chance to compliment you on a fine job. I sure enjoy reading the magazine. Thanks for the health quiz on "going to church."

Lee Hinds
Bismarck, N.D.

Just a short note to say thank you for developing a farm magazine like this. I've been looking for such a magazine for years and couldn't find one.

Jerry Otahal
Baytown, Tex.

Your FARM SHOW is one of the few ag publications that I really look forward to getting. I've showed it to some people and I know of three orders that I've gotten them to send in for.

Robert Fahlborg
Lincoln, Neb.

I am very happy with your magazine. Have found out about many things of interest to me that I would otherwise have never known about. I look forward to the coming of it in the mail every time.

Terence Blanchette
Porter, Minn.

FARM SHOW magazine has been needed for a long time. Keep up the good work!

Russell W. Frerichs
Niagara Falls, N.Y. 14304

You have a good publication. Hope you can get to publish it monthly.

E. J. Pesut
R 1
Albia, Iowa 52531

Thanks for your report on Alumi-Nu in FARM SHOW. We would like to emphasize that Alumi-Nu is a special alloyed repair rod for repairing aluminum or aluminum alloys. All you need for making the repair is a piece of sandpaper or a wire brush to remove the oxidation, and a common torch that will heat the base metal up to 728° so the rod flows when it is rubbed vigorously on the heated area. You do not heat the rod — just the base metal. There are many types of torches one may use, oxy. acety., oxy. propane, blow torch, Prest-O-Lite, butane and many others.

Thanks to FARM SHOW and other magazines, we have been able to increase our sales and therefore are passing this saving on to our customers with a reduction in cost. Our AL-5 package (5 rods in a package with literature) now sells for \$8.98. The AL-2 package (2 rods in a package with literature) has been reduced to \$4.98.

Larrie D. Smith, Gen. Mgr.
A.I.M., Inc.
Jeffco Airport-Exec Bldg.
Broomfield, Colo.