

Ag Department approves 76 soil additives

HARRISBURG - The Pennsylvania Department of Agriculture has approved registration for 76 products under the state's Fertilizer Soil Conditioner, and Plant Growth Substance Law.

The law requires the Secretary of Agriculture to

issue registrations for all soil additives sold in the state. Registrations were to be granted by September 1, 1979. Any product sold in Pennsylvania after that date without the registration approval technically is in violation of state law.

The Agriculture Depart-

ment has indicated it will not prosecute firms selling products not registered until after it irons out the problems and processes for registration.

A number of products, including several offered by local companies, have been approved by the Secretary of Agriculture.

Included are the following products from A.H. Hoffman, Inc., Landisville: aluminum sulfate, cocoa shell mulch, garden gypsum, horticultural charcoal, Fertilmix potting soil, sphagnum peat moss, perlite, and vermiculite.

From Butler County Mushroom Farm, Worthington, Pennloam organic potting soil was approved. W. Atlee Burpee Company, Warminster, had approved its special potting mixture with Viterra Hydrogel, tomato growing formula with Viterra Hydrogel, and its planting formula indoor planting seed starter.

McAndrews and Forbes Company, Camden, N.J., obtained approval for its root mulch and its cocoa mulch.

Hyde Park Products Corp., New Rochelle, N.J., had its peat moss approved. Also approved was Grogreen machine pulverized peat moss from Vaughan Seed Company, Bound Brook, N.J.

Carefree Garden Products, West Chicago, Ill., had its Jiffy Mix seed-starting and growing mix approved.

The Leisure Group, Carson, Calif., received the Department's approval for: Black Magic brand cactus mix, Black Magic peat moss, Black Magic vermiculite, Black Magic house plant mix, Envee African violet mix, and Envee extra rich potting soil.

Leeming Division of Pfizer, Inc., New York, was certified for four House in Bloom products including its all purpose potting soil, charcoal, peat moss, and vermiculite.

Swiss Farms Company, Philmont, N.Y., was approved for its humus, perlite, peat moss, and vermiculite.

Stim-U-Plant, Inc., Columbus, Ohio, had its

brand potting soil, African violet soil, success potting soil, peat moss sphagnum, vermiculite soil additive, charcoal horticultural soil additive, cactus soil and seed starter mix approved.

Hyponex Company, Inc., Copley, Ohio had its Hyponex Charcoal approved.

Michigan Peat Company, Houston, Texas, obtained approval for three Baccto products: Michigan peat, potting medium, and vermiculite.

Largest number of products from one firm to be registered were for the Organic Compost Corporation. They had 15 products approved.

Included were: fertilizer top soil, organic top soil, organic vermiculite, Fertilife seed starter, organic potting soil, Fertilife peat humus, Fertilife African violet soil, Fertilife cactus mix, Fertilife vermiculite, Fertilife charcoal, organic African violet mix, organic cactus mix, and organic charcoal.

Anderson Peat Company, Fort Wayne, Indiana, won

approval for its VitaHume potting soil and VitaHume organic peat.

Weaver's Lawn and Garden Products, Bowling Green, Ohio, had its Ser-vistar potting soil okayed by the Department.

Bernard Industries Company, LaPorte, Indiana, had its Nature's Magic charcoal approved.

Jungle Growth charcoal and house plant potting mix were approved for Jungle Growth Products, Inc., Torrance, California.

Notheastern Seed Supply Company, Cleveland, Ohio, had its horticultural vermiculite and its potting soil approved for sale in state.

Also approved were four products from Bunyon Enterprises, Morrow Georgia: Bunyon Miracle Earth African violet soil, Miracle Earth Potting Soil, K-Mart African violet mix, and K-Mart potting soil.

Also approved for Swiss Farms were its brand of charcoal, natural decorative moss, all-purpose mixture potting soil, cactus (sandy) soil, and soil for African violets.

Cattle ear implants may control parasites

BELTSVILLE, Md. - Parasitic insects and ticks on cattle may be routinely controlled one day with ear implants of slow-release compounds, say scientists with USDA's Science and Education Administration.

Ear-implanted pellets that released only minute amounts of an experimental compound at a time, led to the death of 89 percent of the cattle grubs emerging from infested calves, in tests at SEA's Livestock Insects Laboratories in Beltsville, Md., and Kerrville, Texas.

Chemist Howard Jaffee, Agricultural Engineer, John A. Miller of Kerrville and other SEA scientists used cattle grubs as a model to show how livestock pests can be controlled throughout an entire season with ear implants. Compounds are currently being developed, says Jaffee, that in very low doses in an animal's bloodstream will be effective against blood-sucking insects and ticks.

The compounds are not yet available commercially. However, Jaffee and colleagues are laying the ground work for their use by livestock producers. The scientist are adapting controlled release technology, which is rapidly developing in medicine, to livestock pest management. The idea of controlled release and the reason for its

success in medicine is that drugs or other compounds are chemically packaged in ways that provide the body with a steady supply of moderate doses, instead of a strong initial dose that may quickly lose potency.

Ear-implants for cattle insects will be designed so that the active ingredients are broken down by the time a treated animal goes to slaughter. The new compounds are insecticides and insect growth regulators that are not toxic to livestock or to people. It could be up to five years before ear-implants for biting flies and ticks are available commercially, say the researchers.

Not Interested

"How are you, young lady?" the elderly woman asked

"Fine, thank you," was the polite reply, followed by a pause

"Why don't you ask me how I am?" the older lady wondered aloud

"I'm not interested," the child said without raising her voice

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Milk Ice Cubes: Pour a pint of milk into the cube tray and freeze, then serve two or three of these with each glass of milk to keep the milk icy cold.



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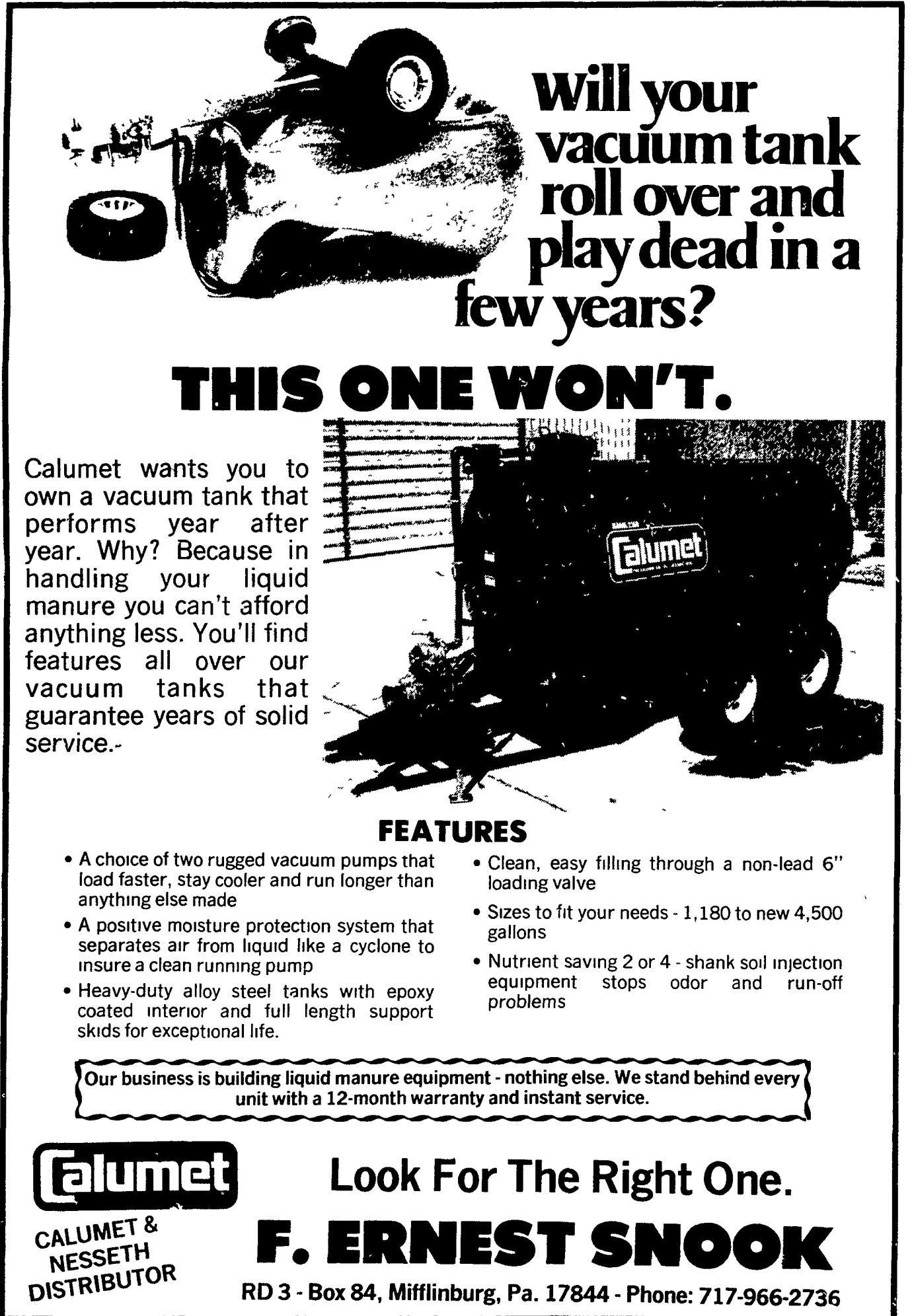
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