

# What's New . . .

## WAYNE BROOD 'N IRON BREAKS NATURE'S BARRIERS

Iron deficiency probably plagues no other specie to the degree it does swine. This is partly due to the large litters the modern, genetically-improved sow produces in confinement.

With 10, 11 or 12 pigs per litter, each pig only gets a fraction of the total iron available to the entire litter. These fractional amounts of iron are not sufficient to meet the needs of the nursing pig, according to Dr. A. J. ("AJ") Svajgr, Wayne Feeds Manager of Swine Research.

"Until now, the customary way to get supplemental iron into the baby pig was with an iron injection. However, these shots take time, cause stress, open the door for infectious agents and are sometimes neglected altogether."

"The sow can now supply the baby pig with enough iron to prevent anemia in the pig . . . if the sow's fed Wayne Brood 'N Iron," Svajgr explained. "It was previously thought impossible to accomplish this seemingly obvious solution to anemia. Nature has developed several highly sophisticated barriers which prevent higher quantities of iron from getting through to the sow's milk supply."

"The most important natural barrier of all is the sow's gut wall. It allows only about 10 percent of ordinary ingested iron to pass into her bloodstream. In order for iron to cross through the wall of the small intestine, it must first be combined into a biological complex of amino acids and proteins, a process called 'chelation.' Only a

limited amount of this complex is formed naturally."

The Wayne researcher said that merely feeding more of an ordinary iron supplement to the sow isn't the answer, since little of it would be absorbed. "Furthermore, if fed in excessive amounts, this ordinary, non-chelated iron would probably cause irritation in the sow's stomach and intestine."

"Wayne Brood 'N Iron is man's first successful conquest of these barriers in the sow. The iron in this new product is chemically bound to predigested protein containing amino acids, polypeptides and peptides." As a matter of fact, said the swine researcher, it's much like the form of iron that occurs in natural tissues.

"At the present time, several major benefits are available from Wayne Brood 'N Iron," Svajgr said. They are:

- Consistently high hemoglobin levels in baby pigs, even without iron injections.

- Two-tenths of a pound heavier birth weights.

- An increase in the liver storage of iron in pigs at birth.

- Increased iron levels in the blood plasma of both sows and pigs.

- And, it performs a breakthrough by raising the iron content of the sow's milk.

"Baby pigs need the extra iron they get from Brood 'N Iron," said Svajgr. "If they don't get it, the pigs will have depressed iron levels by the end of their first week of life."

This new product has a beneficial effect on pig performance, too. "A

summary of research experiments showed that Brood 'N Iron pigs weighed two-tenths of a pound more at birth than those that were injected with iron and whose mothers received ordinary iron," Svajgr explained. "By three weeks they were over six-tenths of a pound heavier than their iron-injected counterparts. This extra weight and vigor means more live pigs at weaning. Brood 'N Iron pigs are better able to withstand the stresses of commercial hog production and do it in less time and with less feed without the stress and bother

of having to use an iron syringe," the Wayne researcher concluded.

## MODEL MD WELDING, CUTTING OUTFIT IS DESCRIBED IN REGO LEAFLET

A complete welding and cutting outfit for medium to heavy duty work, the Model MD kit is described in a new, two-color leaflet from RegO.

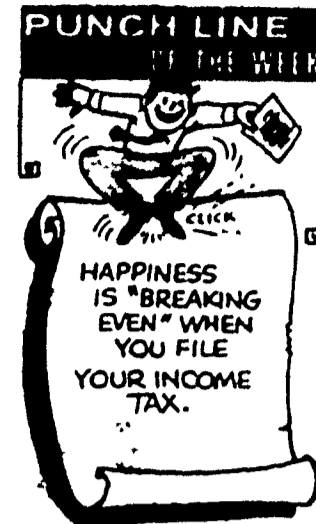
Capable of welding, cutting, brazing, soldering, hardfacing, metal flame priming (paint removal), bending, straightening, weld metal removal (deseaming), plate buckling, preheating, and other applications, the Model MD outfit is well suited for work in manufacturing shops, maintenance departments, hospitals, schools, farms, car clubs, gas stations and

garages, body and fender shops, welding and brazing shops, and by hobbyists.

Included in the Model MD outfit are a welding torch, three welding tips, gas mixers, cutting attachment, acetylene cutting tip, heating tip, two-gauge acetylene regulator, two-gauge oxygen regulator, and a welding and cutting manual. A deluxe kit also includes 20 feet of dual welding and cutting hose, goggles, and a round file lighter.

The Model MD outfit permits users to weld from .06 to 7-16 inch steel and to cut steel up to two inches thick. Additional tips are available to permit cutting up to six-inch steel.

For more information and a copy of the Model MD leaflet, write RegO, Welding



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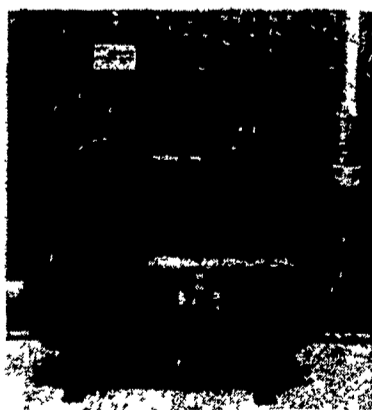
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