



Thank you for using Wean-D!

As of September 1, 2012, we will be moving to a more concentrated form of Wean-D and introducing a new product called “Wean-D+E”.

Why a new Wean-D formula?

I noticed some newborn piglets were not swallowing the entire 1 ml dose. We did a trial comparing delivery of 40,000 IU Vitamin D in 1.0, 0.5 and 0.25 ml volumes. The 0.5 ml dose averaged the highest blood 25-hydroxyvitamin D levels and had the least variability. Our “New” Wean-D formula provides 40,000 IU vitamin D in a 0.5 ml dose.

Our studies have also determined, despite Wean-D at processing, many piglets develop low serum 25-hydroxyvitamin D levels about 1 week after weaning- even when the nursery diet contained 5 fold the NRC required level of vitamin D! Top-dressing the diet with 1 ml Wean-D (80,000 IU Vitamin D) /pig squirted the length of the trough when pigs enter nursery pens and again 1 week later eliminates this problem.

Currently, Wean-D sells for \$30/Liter and treats 1000 piglets (3 cents/pig). New Wean-D will sell for \$49 / Liter and treats 2000 piglets at processing (2.45 cents/pig). Top-dressing the nursery diet with 1 ml Wean-D two times costs 9.8 cents/ pig. Cost is even lower if purchased by the case (\$46/Liter).

Why Wean-D+E?

Vitamin E insufficiency may also occur in the newly weaned pig, compromising immune function and affecting heart muscle growth (mulberry heart disease). Research suggests this occurs because piglets do not utilize tocopheryl acetate (the stable synthetic form of vitamin E used in most diets) as well as tocopherol (Natural Vitamin E found in plants-unstable in stored feed). Top-dressing the diet with 1 ml/pig squirted across the length of the trough when pigs enter nursery pens and again 1 week later provides 160,000 IU vitamin D and 200 IU Natural Vitamin E to maintain tissue vitamin levels until the piglets are eating and digesting diets well. Administered at processing, Vitamin E also counteracts some of the negative effects associated with iron injection of pigs. A 0.5 ml dose of Wean-D+E provides 40,000 IU Vitamin D & 50 IU Natural Vitamin E. Wean-D+E costs \$72/Liter (3.6 cents/pig at processing; 14.4 cents/pig at weaning), Case price drops to \$69/ Liter.

Convenience

We'll offer Wean-D and Wean-D+E in 250 ml and 120 ml bottles to fit the syringe guns some people prefer. We ship free in the USA and include a soft oral doser made for us by Slap-Shot. This helps the piglets and it provides work for some folks with special challenges (see GlycoMyr.com for more on SouthWest Nebraska Adult Training Service). We hope you find Wean-D & Wean-D+E useful.

Sincerely,

Jesse Goff, DVM

GlycoMyr