



# thescoop

## BLUEPRINT® BEEF NUTRITION PROGRAM OFFERS SOLUTIONS AT EACH STAGE WITH THE ADDITION OF FEEDLOT SUPPLEMENTS

Livestock genetics and farm management practices have been rapidly advancing over the past 10 years. Yet, has practical nutrition been focused on maintaining the average peak performance of the animal instead of adding value to its genetic potential?

**Blueprint**  
NUTRITION PROGRAM

The Blueprint® Beef Nutrition Program is the next step in the advancement of nutrition. Founded on the belief that not only is the level of supplementation important, but also the form in which nutrients are delivered. This premium nutrition program is based on the total replacement of inorganic trace minerals with highly bioavailable (Bioplex®) all-organic trace minerals. This is known as Total Replacement Technology™ (TRT). Bioplex trace minerals resemble those found naturally in plant proteins, making them easily absorbed and readily metabolized. This creates less oxidation and less interference by antagonists, which in turn promotes better performance. With our current Blueprint technology for cows and calves, now the addition of growers and finishers moves this evolution to the feedlot.

Throughout the lifecycle of the animal, Blueprint capitalizes on Alltech's more than 35 years of scientifically driven research to maximize on the animal's genetic potential through all stages of production. Blueprint grower and finisher supplements support intake, feedlot performance and animal health. By adding TRT to our feedlot supplements, Blueprint growers and finishers can help reduce days to market and maximize carcass value. And, by expanding the Blueprint beef portfolio to the feedlot, we have built on our foundation of superior cattle minerals and creep feeds to capitalize on the animal's genetic potential through all stages of life.

### Calf

- Blueprint Cattle Mineral
- Blueprint Calving Mineral

### Cow

- Blueprint Creep Feed

### Grower

- Blueprint Grower Supplement
- Blueprint Co-product Grower Supplement

### Finisher

- Blueprint Finisher
- Blueprint Co-product Finisher
- Blueprint Access Supplement

For more information on the Blueprint Beef Nutrition Program, visit: [www.hubbardfeeds.com/brand/blueprint](http://www.hubbardfeeds.com/brand/blueprint)

And, for the most up-to-date listing of available Blueprint products, visit: [www.hubbardfeeds.com/tipsandtools/beef/blueprint-product-catalog](http://www.hubbardfeeds.com/tipsandtools/beef/blueprint-product-catalog)

# FEED INTAKE FOCUS IN YOUNG PIGS

A universal truth exists in swine production: Pigs must eat and drink, not only to survive, but to thrive. The young pig has such an efficient feed conversion at this stage that even a 0.1-pound increase in feed intake results in a 0.1-pound or higher gain. Unfortunately, young pigs face many challenges at this time that often prevent optimal feed intake. Weaning, changes in environment, transportation stress, establishment of social hierarchy, abrupt diet changes, vaccinations and exposure to pathogens all play a factor in reducing daily feed intake.

Hubbard Feeds has identified several feeding strategies that can help improve the transition from the sow to dry feed, thereby increasing pigs' chances of thriving. The use of gruel feeding with products such as Kick Off, both at weaning and for fallback pigs, encourages feed consumption and provides additional nutrients. Feeding on mats can also encourage pigs to eat and ease the transition to dry feed. Since young pigs are accustomed to nursing at the same time on the sow, feeding on a mat allows them to eat together. One of the biggest advantages of using gruel and mat feeding is that animal caretakers are spending more time with the pigs, which allows them to more readily identify those pigs that need additional care.

## Formulated for the future

Feed formulation also plays a key role both in getting young pigs to eat and providing the nutrients they need. Hubbard Feeds recently introduced Viligen™, a blend of fatty acids, prebiotic components and minerals to address the need for enhanced gut health status in weaned pigs.

Inflammation is a key element in the health status of the gastrointestinal tract of the pig. Research has shown that inflammation caused by any number of environmental stressors changes the pig's intestinal tract, resulting in poor growth.

Two feeding trials conducted by Hubbard Feeds found that the addition of Viligen caused average daily gain (ADG) to improve by 12 percent, which was driven by an 11 percent increase in average daily feed intake (ADFI). Pigs fed Viligen were 2.6 pounds heavier at day 23 (Figure 1.).

Figure 2. Effects of Viligen on growth performance

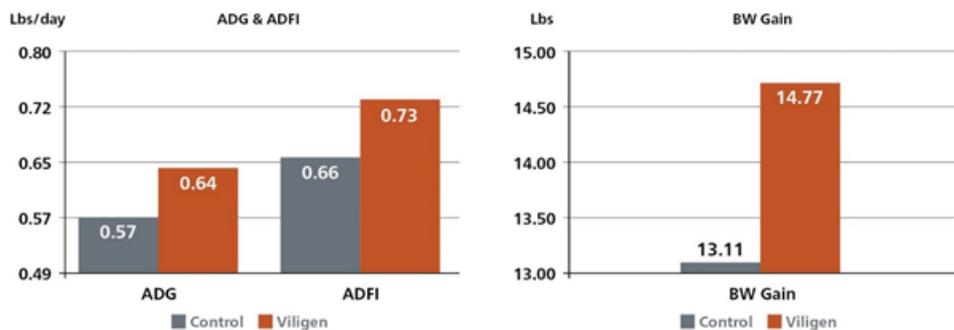
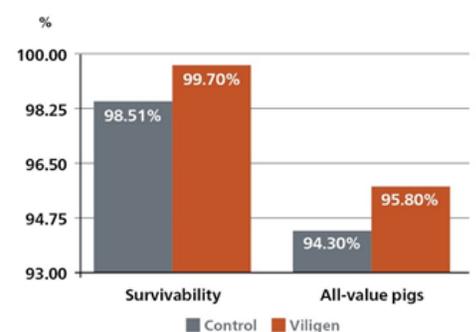


Figure 3. Effects of Viligen on piglet health and survivability



## Impressive results

These trials confirm that improving early feed intake by developing gut morphology leads to optimal health status. Because of these benefits, we are planning to include Viligen in all Hubbard-branded starter feed products. Hubbard Feeds has been a pioneer in using nutritional technologies to optimize gut health and the performance of nursery pigs.

"Viligen is an example of the synergies between Alltech and Hubbard Feeds," says Ernie Hansen, manager of swine nutrition and technical services at Hubbard Feeds. "This is an innovative product we've been working on for almost a year. It's exciting to see the results and even more exciting to see the opportunities for this product, both in the Hubbard Feeds swine programs and across all divisions of Alltech."

Improving nursery performance through increased feed intake, optimal weight gain and improved feed efficiency will continue to be the cornerstone of the Hubbard Feeds nursery program. Products like Viligen can positively impact the number of healthy weaned pigs hitting the finishing floor and reaching their full market potential. This is just another example of the Hubbard Feeds swine team's commitment to helping our customers reach their production goals.



# AVAILABLE JULY 2018!



**Kinetic® introduces a new line of premium canine supplements for the hard working dogs that need it the most. Watch for details!**

## SIL-ALL®: THE DRIVER OF FERMENTATION FOR YOUR DAIRY COWS

During harvest, you have only one opportunity to optimize your silage fermentation. Therefore, it is critical to ensure a desirable fermentation process from the beginning to end. Proper initial fermentation can stabilize nutrients, reduce dry matter losses and provide a high-quality feed base.

All forage crops contain a microbial population comprised of both desirable and undesirable organisms. Desirable microbes like lactic acid bacteria (LAB) will aid in ensiling the crop, while undesirable microbes like Clostridia, yeasts and molds can cause undesirable fermentation, poor feed stability and increased spoilage, resulting in excessive dry matter, energy and nutrient loss. It becomes a race between promoting the growth of desirable LAB microbes, inhibiting unwanted microbes and getting the fermentation process started.

The addition of Sil-All® puts you in the driver's seat of your silage fermentation. Sil-All adds a large population of desirable microbes to the pile. This product contains four bacteria strains (*Pediococcus acidilactici*, *Pediococcus pentosaceus*, *Lactobacillus plantarum* and *Lactobacillus acidophilus*) along with four enzymes specifically formulated to dominate the ensiling process. These bacteria and enzymes work together to drive rapid, efficient fermentation, resulting in reduced dry matter losses and increased preservation of the most highly digestible and nutritious components of the feed. This generates a higher quality feed leading to increased milk production. With the addition of Sil-All you can send your silage fermentation in the right direction.

### Available products:

#8927 – SIL-ALL® 4 X 4 WS Silage Inoculant, 50 x 3.53 oz. (100 g) foil pouch

#8024 – SIL-ALL® 4 X 4 WS 10X, 250-g pouch

#80GA – Sil-All® 4x4 Dry Silage Inoculant, 25-kg bag

For more information visit: [www.hubbardfeeds.com/brand/opticare](http://www.hubbardfeeds.com/brand/opticare)

# SIL-ALL®

# COME SEE US!

## HUBBARD

**July 10–12:** Hubbard Beef Focus Meeting, Sioux Falls, SD

**August 3–5:** Arkansas Cattlemen's Convention, Little Rock, AR

**October 2–6:** World Dairy Expo, Madison, WI

## HUBBARD LIFE

**July 16–18:** Working Dog Conference & Vendor Show, St. Louis, MO (Kinetic)

**August 10–12 & 17–19:** Game Fair, Anoka, MN (Kinetic)

**September 18–20:** K-9 Cop Conference & Vendor Show, Nashville, TN (Kinetic)

**October 16–19:** Watch for details about our upcoming Fall Companion Animal Focus Meeting!

## CRYSTALYX

**October 2–6:** World Dairy Expo, Madison, WI

## WATCH OUR FACEBOOK AND TWITTER PAGES FOR VIDEOS AND INTERVIEWS FROM WORLD PORK EXPO!



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