Performance Trace Minerals Enhance Poultry Lifetime Performance

Supplementing poultry nutrition and feeding with performance trace minerals is essential to optimizing the availability and use of nutrients by birds, aiding in their overall health and performance. This is evident in a number of poultry nutrition trials and our extensive poultry expertise.

Performance Trace Minerals Support Strong Bones, Improve Chick Quality

Performance trace minerals play an important role in helping animals develop strong bones and muscles. Trace minerals like Availa-Zn and Availa-Mn help improve gastrointestinal tract integrity, helping to keep out the bad. When an animal has poor gut function (keep out the bad), it cannot gain weight well. The gut serves two primary roles: it absorbs nutrients and it protects us from disease challenges. The gut must be healthy to mount a robust immune response during both stress and disease challenges. The gut must be healthy to absorb nutrients and help improve gastrointestinal tract integrity. A strong immune system is a healthy immune system.

Research shows that feeding Availa®Zn and Availa®Mn helps increase the number of Grade AA chicks per hen by 10%. Grade AA chicks will, certainly be broilers with greater body weight gains and better feed conversion rates. Supplementing broiler breeder diets with performance trace minerals helps improve key performance factors, including eggshell quality, chick quality and hatchability. More chicks per breeder hen, healthier chicks at hatch, better eggshell quality, fewer cracked eggs and improved footpad quality all play important roles in breeder performance.

Feeding Zinpro Performance Minerals also helps improve breast meat yield by 0.34 percent. Research has also shown that supplementing broiler breeder diets with zinc, manganese and copper from Availa®ZMC results in higher survival rate through day 21 of incubation, and Availa-ZMC supplied 40, 40 and 7 ppm of Zn, Mn and Cu, respectively, in addition to sulfates.

Feeding performance trace minerals to young broiler breeders is especially important because they produce smaller eggs with thinner tibia and femur and thicker tibias and femurs at 18 days of incubation. Bone calcification is a very important result for the health and a more advanced immune system. Embryos from breeders fed Availa-ZMC also had higher relative calcification of the tibia and femur.

Research also demonstrates that feeding Availa®Zn and Availa®Mn helps increase intestinal elasticity and strength. Trace minerals play an important role in helping animals develop strong bones and muscles. Additionally, Availa®Zn and Availa®Mn can be cost-effective and help reduce intestinal issues in the hens to make them more efficient.

Performance Trace Minerals Help Improve Broiler Performance

Minerals help develop strong bones and muscles. Trace minerals like Availa®Zn and Availa®Mn are very important to animal growth and development. They work with other nutrients in the diet to help the animal reach its full potential. Feeding Availa®Fe helps improve animal performance by providing a source of iron needed for the production of red blood cells. In addition, Availa®Fe helps improve overall health and immunity, resulting in fewer carcass defects.

Improving breeding performance and reducing culling rates are two critical areas for producers to focus on. Availa®Fe helps improve breeding performance. However, the quality of offspring from these breeders is also improved by feeding Availa®Fe.

Research shows that Availa®Fe decreases the number of chicks per hen housed from 24 to 48 weeks of age by 3 percent.

Zinpro® Performance Minerals also help improve performance in breast meat. Research shows that feeding Availa®Cu increases feed efficiency by 3 points and improves skin integrity, resulting in fewer carcass defects.

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Improve Breeding Performance With Performance Trace Minerals

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Performance Trace Minerals for a Lifetime

Including Zinpro Performance Minerals in your poultry program benefits every production stage: hatch, growth, production and breeding. Supplementing poultry diets with Zinpro Performance Minerals, such as Availa®ZM, Availa®Fe and Availa®Cu, delivers a strong return on investment in poultry performance.

Read more about Zinpro Lifetime Performance® at EssentialFeed.zinpro.com and zinpro.com.