



Pelleting Aids

Product Benefits

[PellTech](#)

[Ameri-Bond 2X](#)

[LignoBond DD](#)

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LignoBond DD

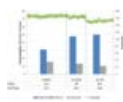
LignoBond DD is a high performance, cost-effective, and all-natural pellet binder, available for customers in Europe, Asia and Brazil. It is especially effective in pellets containing high amounts of by-products, such as dried distiller grains with solubles (DDGS), or feeds containing fat in the mixer. It improves hardness of pellets, cubes, and wafers and is also ideal for pressed [feed blocks](#).

LignoBond DD is 100% calcium lignosulphonate. Because it is a soluble fiber of plant origin, it also provides metabolizable energy and acts as a prebiotic. However, its greatest nutritional benefit continues to be its ability to improve pellet durability, reduce fines, and prevent segregation of the feed.

Typical use rates are 0.5% to 1.0%. The usage rate will be dependent on the need, manufacturing equipment, mill conditions, ingredients, and formulation. The binding response is not always linear and Borregaard LignoTech can provide assistance in determining the most cost-effective application rates for individual feeds.

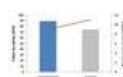
Field Trials

LignoBond DD improves PDI of a poultry grower ration



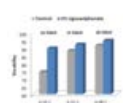
Results achieved with 0.5 and 1.0% of LignoBond DD on a p...

Improved pellet quality and energy savings with LignoBond DD in poultry feed



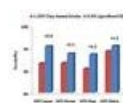
Addition of LignoBond DD to a poultry feed formulation ha...

The performance of Ameri-Bond 2X and LignoBond DD is not temperature dependent



"Lignosulphonates do not require high temperature t...

LignoBond DD produces greater pellet durability than clay



Field trials were performed in a commercial mill. Product...

Significant improvements with LignoBond DD in cattle feed



Results achieved with 1% LignoBond DD on a cattle feed ra...

LignoBond DD® Nature's Best Binder



Survey:

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