



Cardinal
Agriculture Services
A division of Brookside Agra

e-Newsletter
November, 2016

Now Available!

All-Natural, Multi-Purpose Drying Agent Absorb™

Brookside Agra is now offering **Absorb™** – an all-natural, multi-purpose drying agent made in the U.S.A.

With all ingredients classified as Generally Regarded As Safe (GRAS), Absorb provides superior, safe moisture absorption and odor control for a variety of purposes including:

- Drying and reducing chill in all animal species, including newborn piglets
- Removing moisture and ammonia odor from livestock and recreational animal housing
- Absorbing wetness anywhere that moisture is a problem
- Drying wet surfaces and flooring to reduce the chance of injury



Nobody beats new Absorb's drying and deodorizing power. All-natural Absorb reduces the risk of injury around the farm, in commercial kitchens and other areas where moisture can pose a slipping hazard. Absorb also keeps animals safe and dry, and at the lowest price possible. [Learn More](#)

Soil Microbiology is Key to Crop Health and Yield

Brookside Agra's H2OExcel™ formulated to supercharge soil biological activity

By: Ben Elliott, Vice President - Agronomy Operations

In the past, a large percent of crop production was focused on chemical usage, followed by mechanical technology, and lastly biological considerations. Today, the future of crop production hinges on understanding soil biology and structure.



We are learning about a whole new dynamic to agronomy today in growing crops and it is very exciting. From my time in the industry, I have seen people absolutely push back on what we talk about, and now we have evidence that microbiology is viable. In reality, biology has more to do with the health, production and yield in your crop than does mechanical or chemical aspects of it.

Just like the human microbiome contains populations of microorganisms that colonize the gut, mouth, skin and other areas of the body, populations of microorganisms

growing within the soil. There are populations of microbial species that exist on and around the plant, but an overwhelming majority of them exist below the soil line. [Continue Reading](#)

Fall Digester Program Breaks Down Biomass Quickly, Releases Valuable Nutrients Back Into Soil

There are more questions being asked by growers these days about processes that can be utilized to get more out of their soil and biomass after harvest is complete. Ben Elliott, Vice-President of Agronomy Operations at Brookside Agra/Cardinal Agriculture Services, says using biologicals along with components that support their growth, such as all-natural H2OExcel™, will break down biomass quickly and effectively, releasing stored nutrients back into the soil for spring planting.



"In what I call 'digester-type programs,' we are showing improved break down of biomass when using a biological. If using a biological alone, however, the process can still be slow and of little effect," said

Elliott. "Remember that biologicals function according to environmental factors like temperature and moisture. If you apply a biological alone, it may only have species that respond to those environmental factors present when they are applied."

The key to a successful digester program is getting as many biologicals in the sprayer as possible and giving them the food they need to multiply rapidly, said Elliott. [Read More](#)

Product Spotlight: All-Natural Runt-Rescue™ and Disrupt™

Create an Environment for Sows and Piglets to Thrive

By: Tim Nelson, Vice-President Animal Health & Nutrition Sales

I have managed and consulted for many swine farms in the last 30 years, and one of the questions that I get asked most often by owners and managers is, "How can I maximize production so that I can provide competitive salaries for my employees and not break the bank?"

My solution to them is always the same: make and achieve farrowing house goals. When creating farrowing goals, consider the following questions:

- Are you maximizing production?
- What is your farrowing rate? What percentage of a litter is alive at birth and at weaning?
- What is your nursery mortality, average daily gain and feed efficiency?
- What is your finish mortality, average daily gain and feed efficiency?

I suggest that producers target their farrowing rate at 90%. Open sow days can cost the producer a lot of money. Utilizing heat detection, timing of breedings and identifying open sows quickly will help improve that rate.

Producers should target their mortality rate at less than 10%. Through proper sow nutrition and use of





an all-natural energy booster for weak piglets, such as Brookside Agra's [Runt-Rescue™](#), producers can save 80% of their piglets born alive, and with very little time and effort invested. Saving the last 10-15% is where producers can reduce their labor costs per pig.

Cross fostering, the farrowing house environment and disease are all elements that a producer can control. Using an all-natural environmental prophylactic and desiccant powder, like Brookside Agra's [Disrupt™](#), will help control viruses, bacteria, fungi and parasites within the farrowing house and give the sow and her piglets a healthy environment to thrive in.



For more information about Brookside Agra's swine products, contact Tim Nelson, Vice President - Animal Health & Nutrition Sales, at 402-560-7381 or tim.nelson@brookside-agra.com.

Visit Us at Our Next Trade Show!



[Minnesota Pork Congress](#), Jan. 17-18, 2017, Minneapolis, MN

[Iowa Pork Congress](#), Jan. 25-26, 2017, Des Moines, IO

[IPPE](#), Jan. 31 - Feb. 2, 2017, Atlanta, GA

[Golf Industry Show](#), Feb. 4-9, 2017, Orlando, FL - Booth #2189

[World Ag Expo.](#), Feb. 14-16, 2017, Tulare, CA

[World Pork Expo.](#), June 7-9, 2017, Des Moines, IA

Call Us Today!

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