



Uniscope, Inc.

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Xtra-Dry[®]

*The **BEST WAY YET**
to protect minerals from the
weather!*



Xtra-Dry®...

your solution to hard, caked minerals and premixes!

Historically, there has been a problem with moisture stability of free choice minerals and hygroscopic ingredients. When exposed to humidity, rain or snow, the moisture absorbs into the mix and it becomes hard and cakes resulting in poor consumption and waste. In addition, water soluble vitamins and minerals will leach from the mix and are no longer available.

There are also problems with caking and hardening of premixes when exposed to humidity. These premixes can “set up” in a holding bin or bag and are no longer free flowing.

Xtra-Dry® will protect free choice minerals and premixes from the weather. This ensures consistent nutrient uptake, minimizes waste and reduces caking and hardening problems.

MAKES HANDLING BULK MINERALS ROUTINE INSTEAD OF A NIGHTMARE

Another benefit of **Xtra-Dry®** is seen in loose bulk minerals fed to dairy or beef. These mineral mixes are typically stored in bulk bins and contain problem ingredients like salt, urea, potassium chloride, molasses or certain minerals. Due to the hygroscopic nature of these ingredients, caking and bridging can occur causing handling and metering problems.

Xtra-Dry® keeps bulk minerals free flowing and reduces costly handling and metering problems.



PREMIX CAKING

There are certain premixes containing hygroscopic ingredients that are unstable in bulk and bag storage. These premixes will often cake and harden in bulk bins or when packaged into bags and palletized.

Trace mineral premixes are very hygroscopic, due to the iron content, sulfates, and other highly soluble forms of

minerals. Trace mixtures containing high levels of salt, choline chloride and/or chelated minerals are especially sensitive to moisture from the environment. When heat and/or humidity levels rise, these premixes will harden in the bin and bag. **Xtra-Dry®** will improve the flow characteristics and reduce caking at levels as low as 0.5 to 1%.

XTRA-DRY® DEMONSTRATION KIT

Xtra-Dry® is a free flowing powder, which is added to dry blended feed minerals at the mixing stage. **Xtra-Dry®** is a value added product for minerals where weatherproofing and anti-caking are desired.

The demonstration kit is a “hands on” method to demonstrate the effectiveness of **Xtra-Dry®** in free choice minerals when exposed to water.

Contact Uniscope for a Demonstration Kit and Product Technical Booklet.



XTRA-DRY® IS EASY TO USE

Xtra-Dry® does not require special storage tanks and expensive spray systems with heated lines.

Xtra-Dry® is a powdered product, packaged in 20 lb bags. It should be added into the mineral mixer as one of the last dry hand adds and mixed with the dry minerals.

Typical inclusion levels are 10 to 20 lbs per ton on free choice minerals. The inclusion level will vary depending on mineral particle size, desired level of protection and percentage of hygroscopic ingredients.

Contact Uniscope for detailed mixing instructions to suit your mineral system.

BENEFITS

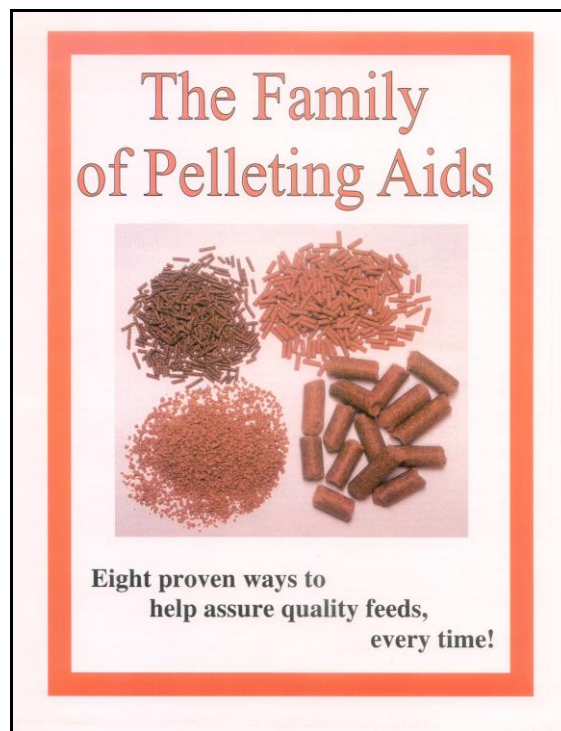
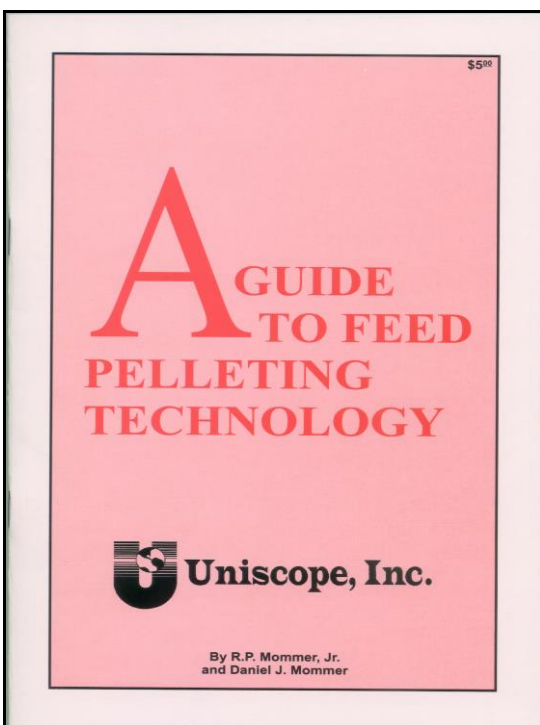
- Solves Customer Complaints and Handling Problems
- Reduces Nutrient Loss from Leaching in Free Choice Minerals
- Reduces Hardening and Caking of Minerals and Premixes
- Improves Free Flow of Bulk and Bagged Products
- Easy to Use
- Expand Product Line

***Call Uniscope and give Xtra-Dry® a try...
you won't be disappointed!***

www.uniscope-inc.com

Contact Uniscope to help take the headache out of pelleting feeds...

- Product Technical Booklets
- Samples for Testing
- Trouble Shooting Assistance
- Product Line Brochure (binders, lubricants, anti bridging agents and water repellent minerals)



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