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Raven Industries Launches New 2-Step Oxygen Barrier Silage Cover

SIOUX FALLS, S.D., June 29, 2016 (GLOBE NEWSWIRE) -- Raven Industries' Engineered Films Division (NASDAQ:RAVN), an innovative manufacturer of polymer film and sheeting, announced the launch of a new 2-step oxygen barrier silage cover to the agricultural market, utilizing SealFresh™ and Dura-Skrim®.

SealFresh™ is a thin, 7-layer oxygen barrier film used as the first step in this 2-step silage covering system designed to prevent oxygen from reaching the feed while preserving valuable nutrients. SealFresh™ is the base layer placed directly against the pile, just below the primary exposed cover. The second step in this system utilizes Raven's tough Dura-Skrim® string-reinforced cover, designed to block UV rays and provide long-term durability. Raven also offers an alternative outer cover, called FeedPro-G, in a white/black non-reinforced option that incorporates recycled resins in the core layer as an economical solution.

SealFresh™ oxygen barrier is formulated to be flexible and conforming for easy installation — with an accordion-folded roll configuration to optimize deployment. SealFresh™ is designed to cling to the silage pile for peak fermentation conditions and stabilize the forage to reduce dry matter losses; this allows for maximum feed forage freshness.

"We are excited to add a 2-step barrier to our silage cover lineup, based on the unmatched performance criteria SealFresh™ shows over leading competitor films," stated Bart Brown, Director of Sales for Raven Industries' Engineered Films Division. "SealFresh™ was developed in our research and development facility with proven results verified through extensive field studies."

SealFresh™ incorporates advanced barrier technology from our proven FeedFresh® Silage Cover (a reinforced 1-step cover) and our expertise in 7-layer gas barrier structures for the geosynthetics industry. Barrier technology contributes to the ultra-low oxygen transmission rate of SealFresh™ at 1.6 cubic centimeters per square meter per day. This equates to SealFresh™ blocking over 240 times more oxygen than traditional standard black/white plastic silage covers. With the SealFresh™ addition, Raven now manufactures three silage cover solutions to optimally meet customers' performance needs: premium FeedFresh® reinforced oxygen barrier (1-step install); SealFresh non-reinforced oxygen barrier (2-step system); and FeedPro-G™ non-reinforced economy (1-step install) cover.

Raven Engineered Films is fully committed to developing innovative materials by designing value-added and sustainable products to meet and exceed the latest industry standards.

About Raven Industries, Inc.

Since 1956, Raven Industries has designed and manufactured high quality, high-value technical products. Raven is publicly traded on NASDAQ (RAVN) and has earned an international reputation for innovation, product quality, high performance, and unmatched service. Raven realizes its vision by developing innovative solutions to great challenges related to the markets we understand and serve. Today, those solutions are focused on feeding and connecting the growing world population, preserving natural resources, and answering the growing need for security. Utilizing our strength in engineering, manufacturing, and technological innovation, Raven is a leader in precision agriculture, high performance specialty films, and situational awareness markets. Visit www.ravenind.com for more information.

About Raven Engineered Films

Raven Industries' Engineered Films Division has established a well-known reputation for manufacturing and supplying high performance flexible films and sheeting to major markets throughout the United States and abroad. Engineered Films' strategic mission is to produce critical film and sheeting for the containment and protection of Earth's natural resources and asset value. Their state-of-the-art manufacturing facility and proven product expertise offers the most innovative and targeted product solutions in the industry. Find out more about Raven Engineered Films at www.RavenEFD.com, or visit them on [Twitter](#) or [Facebook](#).

Raven Engineered Films Brands

Raven Engineered Films markets products under the following brand names: Absolute Barrier®, Conkure™, Dura♦Skrim®, FeedFresh®, FeedPro-G™, FlexForm™, Fortress™, GrainMax™, GrainMax™ Pro, GrainMax™ Ultra, HydraFlex™, HydraFlex™Pro, HydraFlex™Ultra, Protector™, RainFlap™, Rufco®, SealFresh™, SoilSeal™, VaporBlock®, VaporBlock® Plus™, VaporBlock® G™, VaporSafe®, VaporSafe® RM, VaporSafe® RMXL, Yokelift™, WebNet™, and Ziliant™.

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