

Forage Advisor

TerraLink Horticulture Inc.

Country Life
Insert

Spring 2014

Now Available

We're Back into Bale Wrap!



After being out of the bale wrap business for a few years, we are happy to announce we are back in the business. TerraLink now distributes Benepak brand Silage Bale Wrap, Bale Net Wrap and Silage Sheet (bunker film).

Benepak Silage Bale Wrap

- Multi-layered, co-extruded quality film for optimal silage quality and superior stretch.
- High tear and puncture resistance plus high adhesive strength for perfectly sealed bale wrapping.
- UV radiation protection for 12 months in all climate conditions.
- Available in white or green.

Benepak Silage Net Wrap

- Wide coverage.
- Strong and durable netwrap.
- Roll end warning.
- Greater protection.
- Suitable for use in all makes and models of round baler.

Benepak Silage Sheeting

- Superior mechanical properties and strong resistance to impact and tearing.
- Excellent UV resistance.
- High resistance to weathering.
- Protect fodder by eliminating exposure to light, water and air.

Market

The Future of Phosphate

Why should we worry about the future of phosphate? Or any nutrient, for that matter? The reason is because there is a limited supply of easily mined or produced nutrients. Phosphate is mostly derived from mining, and the easily available amounts will be gone in a matter of a few hundred years. As we get closer to that point, it will be harder to extract it from deeper and less convenient places, and therefore the cost will steadily rise^{1,2}.

To complicate the issue, we are also facing a larger world population. In about 40 years we will have grown to at least 9 billion people. As the demand for more protein in the diets of developing countries increases, especially in China and India, global agriculture will be tasked with feeding them all³.

Do we need to worry about dwindling phosphate? Well, not in our generation. But what we all must do is exercise responsible stewardship of phosphate resources. For those of us in the fertilizer industry, and those of you in farming, this means increasingly looking for more efficient ways of providing nutrition to crops, as well as ways to reduce waste and loss.

First, we should make sure we understand the soil chemistry involving phosphate. When you fertilize, only about 30% maximum is taken up by your crop. The rest becomes added to the soil phosphorus reservoir, either incorporated into organic compounds or tied up, or "fixed" by metallic ions. Phosphorus fixation happens fast, and once combined with the metallic ions, insoluble precipitates are formed. From our point of view, that fixed phosphate is now lost, which means up to 70% of your investment in phosphate fertilizer has been captured in the soil phosphorus reservoir. Your crop can only obtain phosphorus from the fixed state slowly, in tiny amounts over a very long period of time⁴.

Second, we should use Avail[®] Phosphorus Enhancer. Avail[®] minimizes fixation of phosphate by metallic ions, resulting in more available for uptake by your crop – and more of your investment going where you want it. To learn more about Avail[®] see the TerraLink website at www.tlhort.com, or ask us, toll free at 800-661-4559.

Finally, always apply only the amount of phosphate necessary, based on a soil test and the advice of a professional agronomist. It isn't a mobile nutrient, so you have to place it in the root zone for your crop's roots to have any chance of contacting it. By exercising responsible stewardship of this dwindling resource, using good agricultural practices of the right product, right amount, right time and right place, we can all do our part to have a positive effect on the future of phosphate.

References:

1. Better Crops, Vol 93, 2009, No. 3.
2. The Facts About Phosphate Rock: Are We Running Out? Top Crop Manager West, Nov 2013.
3. Germination, Sept 2011.
4. Simplot Conference, June 2013.

Rooted in your community.

TerraLink

Richardson Seed

Forage Seed Mixtures 2014

TerraLink's Richardson Seed brand offers forage seed mixtures for every requirement. Richardson Seed forage blends do not contain endophyte-enhanced grasses.

PASTURE MIXES

General Pasture (Coastal/Interior)

For well-drained soils where high quality seed is required but improved varieties are not essential. Seeding Rate: 35 lbs/acre.

- Orchardgrass
- Kentaur Perennial Ryegrass
- Annual Ryegrass
- Tall Fescue
- Timothy
- Creeping Red Fescue

General Pasture with Clover (Coastal/Interior)

The same mix as General Pasture, but with the added benefits of white clover. Seeding Rate: 35 lbs/acre.

- Orchardgrass
- Kentaur Perennial Ryegrass
- Annual Ryegrass
- Tall Fescue
- Timothy
- Creeping Red Fescue
- White Clover

Horse & Sheep Pasture (Coastal/Interior)

Specially formulated for the Coastal & Interior areas to give hay or form sod without legumes as required by horses. Seeding Rate: 35 lbs/acre.

- Meadow Fescue
- Bronson* Tall Fescue
- Kentucky Bluegrass
- Creeping Red Fescue
- Baridana Orchardgrass
- Norlea Perennial Ryegrass
- Champ Timothy
- Tuukka Timothy

Wetland Pasture (Coastal/Interior)

Designed for extremely water-logged soils such as those which are flooded for extended periods of time in the spring. Seeding Rate: 25 lbs/acre.

- Carlton Smooth Bromegrass
- Reed Canarygrass
- Single Cut Red Clover
- Barolex Tall Fescue
- Climax Timothy



COASTAL FORAGE MIXTURES (for Intensive Production)

Premium Orchardgrass CMV-R (Coastal) - Special Order Only

A premium orchardgrass blend for applications requiring CMV-resistant, high-yielding, top quality forage production. Seeding Rate: 35 lbs/acre.

- AC Cheam Orchardgrass
- AC Chilliwack Orchardgrass

Orchardgrass Blend (Coastal)

An orchardgrass mixture designed for intensive hay, silage, and grazing situations. Seeding Rate: 35 lbs/acre.

- Baridana Orchardgrass
- Potomac Orchardgrass
- Amba Orchardgrass
- Westerwold-type Ryegrass

Premium Orchardgrass CMV-R / Tall Fescue (Coastal) - Special Order Only

A superior forage seed mixture for applications requiring CMV resistance, high yields, and top-quality forage. Seeding Rate: 35 lbs/acre.

- AC Cheam Orchardgrass
- AC Chilliwack Orchardgrass
- Barolex Tall Fescue
- Bronson* Tall Fescue

Orchardgrass / Tall Fescue (Coastal)

Orchardgrass / Tall Fescue Mix is designed for intensive hay, silage, and grazing situations. This blend contains improved orchardgrass, along with two premium tall fescue varieties. The mixture is a medium maturing, highly productive forage blend. Seeding Rate: 35 lbs/acre.

- Baridana Orchardgrass
- Proper Orchardgrass
- Bronson* Tall Fescue
- Barolex Tall Fescue

Premium Tall Fescue (Coastal)

A blend of improved varieties well suited to the Coastal area. It is best seeded on fields with good weed control as tall fescue does not compete well during establishment. Provides excellent yields for silage and hay production in a wide range of soil conditions. Seeding Rate: 35 lbs/acre.

- Barolex Tall Fescue
- Bronson* Tall Fescue
- Innovation Tall Fescue

Premium Ryegrass (Coastal)

A complex ryegrass mixture that can give high feed quality and productivity. It is suited for moist lowland conditions and intensive grazing. Seeding Rate: 35 lbs/acre.

- Elgon Tetraploid Perennial Ryegrass
- Diploid Perennial Ryegrass
- Tetraploid Annual Ryegrass
- Tuukka Timothy

Hay Baler (Coastal)

Hay Baler Forage Seed Mixture is a high-performance forage blend designed for high-quality hay production. Included in this mixture is a small percentage of annual ryegrass to act as a nurse crop for initial weed control purposes. Seeding Rate: 35 lbs/acre.

- Proper Orchardgrass
- Barolex Tall Fescue
- Tuukka Timothy
- Annual Ryegrass

*Registration Pending