

# GIZMOS & GADGETS

## Products to put to use on farms and ranches

Compiled by Shauna Hermel, editor

### Visualizing where to apply herbicides

Corteva Agriscience announces the launch of LANDVisor™, an integrated technology solution that allows ranchers and land managers to implement a customized solution for accomplishing land management goals. LANDVisor combines sophisticated imagery and data analytics with expert management advice to increase land productivity. The technology provides detailed information on forage productivity and vegetation, including the density of desirable and undesirable plant species, identifying where and when herbicide treatments will be most beneficial.

LANDVisor allows producers to manage land for optimal productivity and environmental outcomes. Through key insights, this tool helps land managers make more-informed, actionable decisions on the potential of their land, resulting in maximum return on investment. Left unchecked, low-value undesirable vegetation

reduces forage production and profit potential for livestock grazers while also degrading wildlife habitat.

In early 2020, LANDVisor will be available in the Southwest to manage highly invasive honey mesquite. As a significant consumer of water, honey mesquite outcompetes native grasses and desirable woody plants, reducing both forage production for cattle and plant diversity for wildlife.

For more information, visit [LandVisor.Corteva.com](http://LandVisor.Corteva.com). A video of the product in action is available.

### Omolene provides gastric support

The Purina Omolene horse feed lineup now contains Outlast Gastric Support Supplement.

“Research shows up to 90% of active horses are at risk for experiencing gastric discomfort,” says Anna Pesta, equine nutritionist for Purina Animal Nutrition. Adding the supplement allowed the company to provide daily support of

### Additional combinations approved

Huvepharma, after receiving FDA approval in July 2019 for Monovet® 90, the first-available generic monensin in the United States, continues to expand the list of approved feed combinations with which the product can be fed. The FDA in October approved additional drug feed additive combinations with Monovet 90 in the manufacture of Type B and C medicated feeds.

This most recent round of FDA approvals expands the use of Monovet 90 to be fed in combination with other feed additives commonly used in receiving rations for feedlot cattle, including decoquinate for coccidiosis prevention and tilmicosin for respiratory disease therapy. For the list of all current medicated feed combinations approved with the product, visit: [www.monovet.us](http://www.monovet.us). For more information, contact your Huvepharma sales representative and/or the company’s customer service team at 877-994-4883.

proper gastric pH to a wider variety of horses.

Omolene feeds provide fuel for performance in any horse, from active pleasure to top equine athletes. This lineup of textured feeds also works well for horses that are picky eaters or who don’t eat pelleted feed, horses needing

to gain weight, racehorses and horses with high caloric demands.

To showcase the update, all Purina Omolene horse feed packaging will feature the Outlast Gastric Support Supplement seal.

For more information, contact your local Purina dealer or visit [purinamills.com/horse-feed](http://purinamills.com/horse-feed).

### One-dose adjuvant

Newport Laboratories Inc., a leader in custom-made vaccines, introduces Bio One™, a proprietary one-dose adjuvant that helps reduce time, labor and expense by removing the need for booster shots.

Many custom-made bovine vaccines require an initial administration and a second booster shot several weeks later, but due to the added labor cost and logistical challenges associated with administering

the second dose, it is commonly overlooked. This can compromise the effectiveness of the vaccine.

Bio One delays the elimination of antigens, and thus permits

immune responses to last longer, removing the need for a second dose.

There are two basic ingredients in killed vaccines: antigens and adjuvants. Antigens are viruses or bacteria that have been inactivated so they don’t cause disease. Yet, even in an inactivated state, antigens do set off an alarm within the immune system, signaling that a foreign invader is present. It’s the job of the adjuvant to amplify that alarm, which allows the immune system to begin building up its defenses against the invader,



making it better prepared to fend off the real thing.

Custom-made vaccines give producers and veterinarians the option to select an adjuvant that can help solve their particular herd’s health challenges. Determining the optimal adjuvant to use in a vaccine is critical, because different adjuvants have different abilities when triggering immune responses.

To learn more, contact your Newport Laboratories or Boehringer Ingelheim representative, <http://www.newportlabs.com/>.



Adjuvant for custom-made vaccines provides one-dose ease.