

# SPRAY-VAC<sup>®</sup> Spectrum

## What Makes Spray-Vac Spectrum So Revolutionary?

Poultry see the spectrum of light frequencies differently than do humans. Because they can detect a broader range of lightwaves – 350nm through 750nm – they see peripheral colors that we can not even sense. Spray-Vac Spectrum transmits light frequencies from the entire avian visual range of colors, as well as amplifies the upper and lower frequencies to match the wavelengths poultry see more brightly.

## How Does Light Frequency Effect Vaccination?

Spray vaccination droplets directly inoculate eyes, nasal and respiratory tissues, though birds gain more uniform exposure to a larger reservoir of valuable antigen by preening. Reflective droplets shining with the full spectrum trigger more intense preening, causing the flock to uptake more vaccine and at a faster rate. The birds focus on the highlighted vaccine droplets reflecting the fullest possible spectrum, visible in any light, including natural, incandescent, fluorescent, color-shifting LED, and HID. This innovation allows Spray-Vac Spectrum to stimulate more consistent vaccine uptake for more uniform vaccinations and greater flock security.

## The Known Spectrum of Color



*Spray-Vac Spectrum aids in the administration of sprayed vaccines for poultry. It is especially designed to prolong the viability and improve the effectiveness of reconstituted and diluted spray vaccines.*

*Before diluting vaccine in the spray solution, stabilize the water by adding 4 ounces of Spray-Vac Spectrum to each gallon (32 ml per liter) of spray solution when using ordinary tap water or well water containing up to 4 ppm chlorine (Cl).*

## Advantages of Spray-Vac<sup>®</sup> Spectrum

- New generation stabilizer especially engineered for poultry spray vaccines, including fragile bronchitis and mycoplasma vaccines
- Increases the preening activity of your poultry flocks to help maximize immunization
- Proprietary dye designed around spectral response of poultry
- Increases the preening activity post-spray vaccination in virtually any lighting program
- Immediate stabilization of the water
- Rescues vaccines from the harmful effects of chlorine and controls pH in ordinary tap water or well water
- Safer than distilled or deionized water as vaccine diluent
- Balances electrolytes to nurture sensitive vaccines



All ASP spec sheets are available for download at [www.asp-inc.com/products-list](http://www.asp-inc.com/products-list), or by scanning the QR code with your mobile device.

