

WHEN IT COMES TO MODIFIED-LIVE VIRUS (MLV) VACCINES, *STIMULATOR[®]* IS THE NEW KID ON THE BLOCK.





No Smoke & Mirrors. Just Solid Science.

Stimulator vaccines were approved 10-20 years after most other commonly used MLV vaccines. They were specifically developed to *stimulate* a strong, protective immune response in stocker and feeder cattle against the five most common viral pathogens associated with Bovine Respiratory Disease (BRD):

- **Bovine Viral Diarrhea Type 1 (BVD I)**
- **Bovine Viral Diarrhea Type 2 (BVD II)**
- **Infectious Bovine Rhinotracheitis (IBR)**
- **Parainfluenza3 (PI₃)**
- **Bovine Respiratory Syncytial Virus (BRSV)**

While the vaccines you have been using probably contain some combination of the “industry standard” viral pathogens listed above, the real differences – such as vaccine composition and efficacy – don’t always show up on the label.

The Stimulator vaccines were built using an additional decade’s worth (or more) of insights and understanding discovered through university research, clinical trials and “real world” cattle production to develop MLV vaccines that will get the job done.

WHY CHOOSE STIMULATOR VACCINES?



RELEVANT

The virus strains used in Stimulator vaccines were selected to maximize cross-protection against the most prevalent subtypes affecting your cattle.



QUALITY

All viral antigens contained in Stimulator vaccines have been genetically tested to confirm stability and purity to ensure they have not mutated during the production process.



SAFE

Unlike most MLVs for cattle, no fetal bovine serum is used at any stage of production of the viruses or the cells contained in Stimulator vaccines. This guarantees that no extraneous, unwanted bovine viruses are introduced from fetal bovine serum.

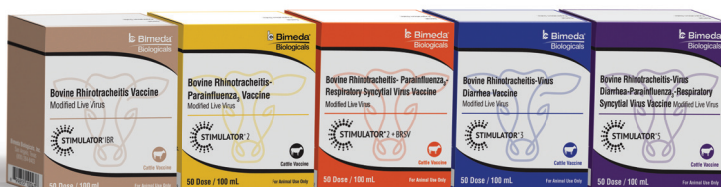


EFFICACY

Stimulates protective immunity so your cattle are better equipped to remain healthy and productive when faced with common viral challenges.

CHOOSE THE RIGHT STIMULATOR VACCINE TO MEET YOUR OPERATION’S SPECIFIC NEEDS.

	BVD I	BVD II	IBR	PI ₃	BRSV
STIMULATOR® IBR			✓		
STIMULATOR® 2			✓	✓	
STIMULATOR® 2 + BRSV			✓	✓	✓
STIMULATOR® 3	✓	✓	✓		
STIMULATOR® 5	✓	✓	✓	✓	✓



To learn more about Bimeda Biologicals products and services, go to bimedabiologicals.com