



CIRCUMVENT[®] CL

One Revolutionary 2-in-1 Vaccine

The newest member of the CIRCUMVENT vaccine family, CIRCUMVENT CL is the first and only vaccine that provides protection against both porcine circovirus type 2 (PCV2) and *Lawsonia intracellularis* with one bottle.



Cuts down on labor and waste



Increases feed savings¹



Provides a long duration of immunity²:
16 weeks PCV2d
20 weeks *Lawsonia*



Reduces late finishing mortality due to porcine circovirus-associated disease (PCVAD)¹



DRIVEN BY PREVENTION[®]



MERCK
Animal Health

C

The C in CL: Porcine circovirus type 2

Porcine circovirus-associated disease (PCVAD) can increase mortality, culls and treatment costs, negatively impact average daily gain as well as increase the severity of coinfection from porcine reproductive and respiratory syndrome (PRRSV), *Mycoplasma hyopneumoniae* (M. hyo) and influenza A virus in swine (IAV-S).² A PCV2 vaccine matters in protecting pigs and profitability.

L

The L in CL: *Lawsonia intracellularis*

Lawsonia intracellularis causes ileitis, an enteric disease that decreases average daily gain and feed efficiency. As a result, much more feed is required for pigs to reach market weight.

CL

Fewer injections. Same confidence.

Circumvent CL provides the same efficacy and convenience as our proven Circumvent CML vaccine while removing the *Mycoplasma hyopneumoniae* fraction to fit the needs of *Mycoplasma* negative herds. Previous Circumvent CML studies have shown the benefits of PCV2 and *Lawsonia intracellularis* vaccination:

PCV2

- The amount of virus in the blood was 99% lower in vaccinated pigs²
- Vaccinated pigs also had significantly higher antibody levels than unvaccinated pigs²
- Lymphoid depletion (LD) scores were much lower in vaccinates²

Lawsonia intracellularis

- The level bacteria in the ileum tissues at necropsy were on average 90% lower in vaccinated pigs²
- The level of antibodies for *Lawsonia intracellularis* was significantly higher in vaccinates following vaccination²



For more information, visit
DRIVENBYPREVENTION.COM



Scan the QR code to visit the
CIRCUMVENT CL product page.

¹GJacela JY, Dritz SS, DeRouchey JM, et al. Field evaluation of the effects of a porcine circovirus type 2 vaccine on finishing pig growth performance, carcass characteristics, and mortality rate in a herd with a history of porcine circovirus-associated disease. *J Swine Health Prod.* 2011;19(1)10-18.

²Data on file, Merck Animal Health.