

Novartis Animal Health Swine Vaccines



| PRODUCT | DOSING | | | ANTIGENS | | | | | | Adjuvant | VACCINATION PROTOCOL | ADVANTAGE |
|-------------------------|----------------------|----------------|-------------------------|-------------------------------------|--------------------|---|--|---------------------------------|--------------------------------------|----------|--|--|
| | Presentation (doses) | Dose size (mL) | Route of Administration | <i>Erysipelothrix rhusiopathiae</i> | Porcine Parvovirus | <i>Leptospira canicola, grippityphosa, hardjo, icterohaemorrhagiae and pomona</i> | K88, K99, 987P and F41 piliated <i>E. coli</i> | <i>Mycoplasma hyopneumoniae</i> | <i>Streptococcus suis</i> serotype 2 | | | |
| Ery Shield™ | 50, 125, 250 | 2 | IM | B | | | | | | AH | Repeat in 21 days. Revaccinate annually. | Solid immunity against erysipelas. |
| Parvo Shield® | 50 | 2 | IM or SC | | K | | | | | AH | Administer 3 to 4 weeks prior to breeding. Revaccinate prior to each subsequent breeding. Vaccinate boars annually. | One dose protection against parvovirus. Safe for use in pregnant and lactating gilts and sows, and boars. One dose provides high titres for at least 13 weeks, with 94% of foetuses protected against challenge. |
| Parvo Shield® L5E | 10, 20, 50 | 5 | IM | B | K | K | | | | AH | Administer 4 to 6 weeks prior to breeding. Repeat in 3 to 4 weeks. Revaccinate with a single dose 4 to 8 weeks prior to each subsequent breeding. Vaccinate boars semi-annually. | 7-way prebreeding protection in a convenient 5 mL dose. |
| Porcine Pili Shield™ | 10, 50 | 2 | IM | | | | B | | | AH | Administer 5 and 2 weeks prior to farrowing. Revaccinate prior to each subsequent farrowing. | Challenge studies show reduction in mortality: control 50%, vaccinates 6% and a difference in average daily weight gain controls 43 g/day, vaccinates 145 g/day. |
| Mycoshield™ | 100 | 1 | IM | | | | | SU | | Q | Vaccinate at 2 weeks of age or older. Revaccinate in 2 weeks. | Lung consolidation scores in controls averaged 10.9% compared to 1.85% for vaccinates. Pigs vaccinated with MycoShield were 7 kg heavier at market (155 days). |
| Prefarrow Strep Shield® | 50 | 2 | IM | | | | | B | | AH | Administer to gilts and sows 5 and 2 weeks prior to farrowing to provide passive protection in the newborn piglets. Administer to piglets at 3 and 5 weeks of age for active immunization. | Claim for passive immunity in piglets, with an increase in total weight gain of piglets over a 14-day period post challenge: controls 2.5 kg, vaccinates 4.7 kg. |

AH = Aluminium Hydroxide B = bacterin K = killed SU = sub unit Q = Quil A