

Table of efficacy comparison for major *Mycoplasma hyopneumoniae* vaccines registered in Europe

Vaccine name	Minimum age at vaccination	Route	MDA override	# of doses	Indications for use (SPC)								Date 1 <sup>st</sup> registration	Registration procedure		
					Reduction					Improved		Immunity				
					Coughing	Respiratory problems	Lung lesions	Weight loss	Colonization	Weight gain	Feed conversion	Control of <i>M. hyo.</i> pneumonia			Onset	Duration
<b>Hyogen</b>	3 weeks	IM	ND	1 x 2ml			Y		Y**				3 w	26 w	2015	DCP
<b>Ingelvac M hyo</b>	3 to 10 weeks	IM	ND	1 x 2ml			Y						2 w	118 d	2002	MRP
<b>Ingelvax Mycoflex</b>	3 weeks	IM	ND	1 x 1ml			Y						2 w	26 w	2008	MRP
<b>M+Pac</b>	7 days	IM	Yes (in field)	2 x 1ml			Y						35 d	6 mo	2001	MRP
	21 days		Yes (in lab for 1 x 2ml)	1 x 2ml or 2 x 1ml			Y						24 d			
<b>Mypravac suis</b>	7 to 10 days	IM	ND	2 x 2ml			Y	Y		Y*	Y*		ND	70 d	2002	MRP
<b>Porcilis Mhyo</b>	1 week	IM	ND	2 x 2ml			Y						2 w	20 w	2004	MRP
<b>Porcilis Mhyo Once</b>	2 weeks	ID	ND	1 x 0.2ml			Y	Y					3 w	22 w	2012	DCP
<b>Stellamune Mycoplasma</b>	1 week	IM	ND	2 x 2ml								Y	ND	ND	1996	National
<b>Stellamune One</b>	3 days	IM	ND	1 x 2ml			Y						18 d	26 w	2001	MRP
	3 weeks				Y		Y					3 w	23 w			
<b>Suvaxyn MH-One</b>	7 days	IM	ND	1 x 2ml			Y						2 w	6 mo	2008	MRP
<b>Suvaxyn M Hyo</b>	1 week	IM	ND	1 x 2ml			Y						ND	ND	1995	MRP
<b>Porcilis PCV- Mhyo<sup>§</sup></b>	3 weeks	IM	ND	1 x 2ml			Y	Y					4 w	21 w	2014	CP
<b>Suvaxyn Circo+MH<sup>§</sup></b>	3 weeks	IM	ND	1 x 2ml			Y						3 w	16 w	2015	CP
<b>Suvaxyn M.hyo-Parasuis<sup>§</sup></b>	7 days	IM	ND	2 x 2ml			Y						1 w	6 mo	2006	MRP
<b>Rhinanvac cerdos<sup>§</sup></b>	12 weeks	IM	ND	2 x 2ml		Y							4 w	6 mo	1985	National

ND: Not available; d: days; w: weeks; mo: month; Y: claim authorised; IM: intramuscular; ID: Intradermal

\* Under field conditions, observed after 6 months; \*\*In laboratory conditions, 44 to 50 days post vaccination; <sup>§</sup>: Combination vaccine, data only on *M.hyo*

Registration procedures: CP: Centralised, MRP: Mutual Recognition; DCP:Decentralised

Comparison table composed in April 2016 - [www.cantumbio.co.uk](http://www.cantumbio.co.uk)