

Needle Selection for Vaccinating Cattle

ROUTE OF ADMINISTRATION

INJECTABLE VISCOSITY	SUBCUTANEOUS (SQ) <i>(½ to ¾ inch needle)</i>			INTRAVENOUS (IV) <i>(1 ½ inch needle)</i>			INTRAMUSCULAR (IM) <i>(1 to 1 ½ inch needle)</i>		
	CATTLE WEIGHT			CATTLE WEIGHT			CATTLE WEIGHT		
	<300	300-700	>700	<300	300-700	>700	<300	300-700	>700
THIN Example: <i>Most vaccines</i>	18 gauge	18-16 gauge	16 gauge	18-16 gauge	18-16 gauge	16-14 gauge	20-18 gauge	18-16 gauge	18-16 gauge
THICK Example: <i>Thick antibodies</i>	18-16 gauge	18-16 gauge	16 gauge	18-16 gauge	18-16 gauge	16-14 gauge	18-16 gauge	18-16 gauge	16 gauge

Select the needle based on cattle size (use the smallest without bending)

The smaller the gauge number, the larger the needle diameter. For example, a 16 gauge is larger than an 18 gauge.



EXTENSION

