

## Needle Sizes

Animals	IM	SubQ	IV
<b>Calf</b>	18G x 1"	18G x 3/4"	18G x 1"
<b>Cow</b>	16G x 1-1/2" 18G x 1-1/2" 20G x 1-1/2"	16G x 1"	14G x 2" 16G x 1-1/2"
<b>Colt</b>	20G x 1"	20G x 3/4"	18G x 1"
<b>Horse</b>	20G x 1-1/2"	20G x 1"	18G x 1-1/2"
<b>Pig</b>	20G x 1"	20G x 1/2"	20G x 1-1/2"
<b>Hog</b>	18G x 1"	18G x 3/4"	18G x 2"
<b>Sow</b>	18G x 1-1/2"	18G x 1"	18G x 4"
<b>Sheep</b>	18G x 1"	18G x 3/4"	18G x 1"
<b>Dog</b>	25G x 5/8"	29G x 1/2"	25G x 5/8"
<b>Cat</b>	25G x 5/8"	29G x 5/8"	25G x 5/8"

## Improve Vaccine Results...

- Store vaccines in a cool place away from sunlight.
- Always inject vaccine into a clean, dry area.
- Reconstitute only amount of vaccine to be used within 2-3 hours.
- To avoid injury, use only sharp needles of correct size and length.
- Inject subcutaneously (SubQ) when label permits.
- No more than 10 ml should be injected per site.
- Do not mix different products in the same syringe.
- Do not clean syringes and needles with chemical disinfectants which can inactivate vaccine.