

Nobilis® SG 9R

The Live Life Saver

Preventive vaccination has gained wide acceptance in areas where the disease is endemic. Live vaccines are considered to be superior to inactivated vaccines and the 9R strain of *S. gallinarum* has been shown to be efficacious in endemic situations. Emergency vaccination in an early stage of infection may also have a favourable effect.

Suggested Vaccination scheme

	Age
● Primary vaccination	6 weeks
● Revaccination	16 weeks
● Subsequent vaccinations in areas of heavy infection pressure	At 12 weeks interval

Description

Nobilis SG 9R is a live freeze-dried vaccine, containing the 9R strain of *S. gallinarum*, with a stabilizer. The vaccine contains at least 2×10^7 CFU per dose.

Indication

Nobilis SG 9R is indicated for the vaccination of chickens against *S. gallinarum* (Fowl Typhoid).

Administration

The dosage is 0.2 ml per chicken. The vaccine should be administered by subcutaneous injection in the back of the neck.

Presentation

Vials containing 500 and 1000 doses of vaccine in boxes of 10 vials.



1. Pomeroy BS and Nagaraja KV, 1991. Fowl Typhoid. In Calnek BW, John Barnes H, Beard CW, Reid WM and Yoder HW, Jr. (eds.), Diseases of Poultry, 9th Ed., pp. 87-99. Wolfe Publishing, London

Staying alive

Nobilis® SG 9R

The live life saver against *Fowl Typhoid*

Fowl Typhoid

“The mortality may be moderate to very high, depending largely on the virulence of the inciting organism *Salmonella gallinarum*.”¹

Pomeroy BS, and Nagaraja KV, 1991

Nobilis® SG 9R

The assurance of protection

Clinical findings

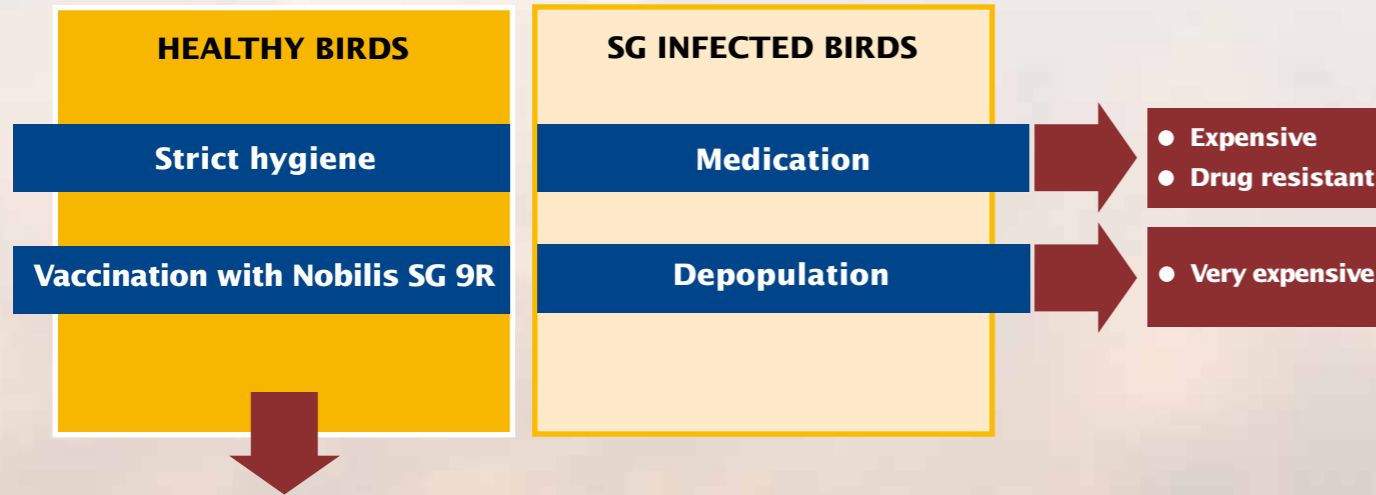
Acute infection (epidemic)

- High mortality, 10 to 50%
- Depressed production
- Occurs in birds of any age

Chronic infection (endemic)

- Sporadic mortality
- Depressed production
- Occurs in birds older than 12 weeks

Control measures



Live vaccine Nobilis® SG 9R

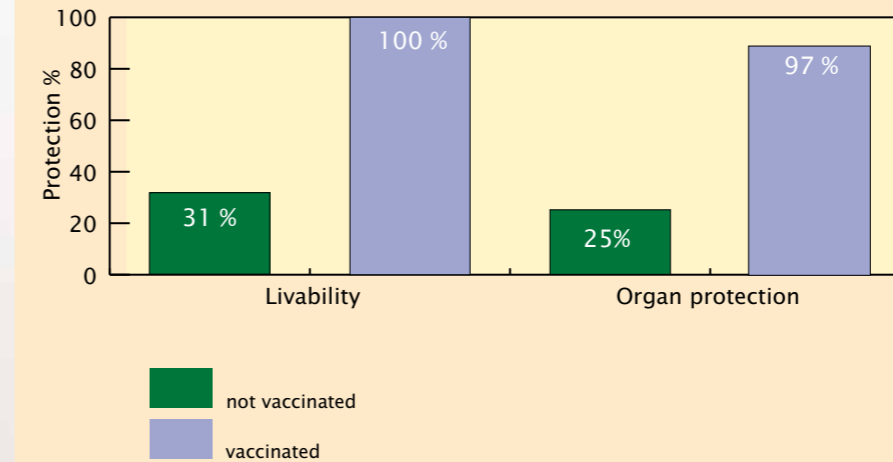
Effective

- Protection against clinical symptoms and mortality
- Protection against production losses

Safe

- No reversion to virulence
- No horizontal spread
- No adverse effect on production
- No adverse effect on fertility and hatchability

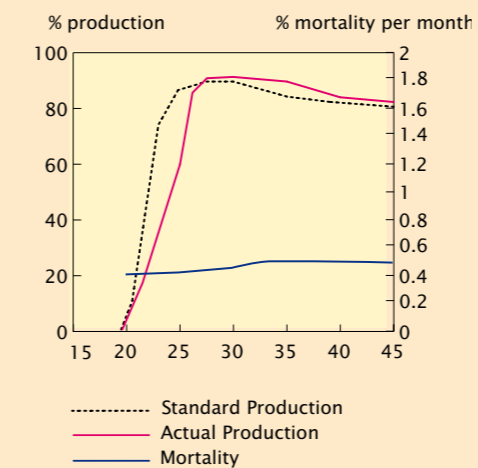
Excellent efficacy



Laboratory experiment

- Brown layers, vaccinated at 6 weeks of age, by s.c. injection
- Challenge with *Salmonella gallinarum* field strain 3 weeks after vaccination
- 100% protection against clinical disease and mortality in vaccinated group
- Significant reduction of organ affection

Egg production and mortality



Field experiment

BA large poultry integration with over 3.5 million brown and white layers suffered from severe outbreaks of Fowl Typhoid. Total mortality exceeded 40%. Outbreaks occurred despite intensive disinfection of farm facilities. Therefore it was decided to vaccinate the future placements of layers with Nobilis SG 9R.

- Flock of almost 750,000 layers vaccinated subcutaneous at 17-18 weeks of age
- No outbreak occurred during production period
- Livability during production period was 94%
- No negative influence of Nobilis SG 9R on egg production (by ovary lesions)

