

“Proven and trusted to deliver spring lambing feed”

- Available with AR37 and AR1 novel endophytes and LE
- Proven persistence in a wide range of New Zealand environments
- Productive under sheep and beef management
- Bred for improved rust tolerance

PLOIDY	ENDOPHYTES	SUGGESTED SOWING RATE (kg/ha)	HEADING DATE	RUST TOLERANCE
Diploid	AR37, AR1 & LE	18-20	Mid (+3)	Very high

Background

Samson is a medium tillered perennial ryegrass with rapid and vigorous establishment. **Samson** is a high yielding cultivar, especially through the summer months.

Samson was bred by AgResearch Grasslands from plants selected from Northland, Taranaki, Hawkes Bay, Waikato, Manawatu, Canterbury and Southland. **Samson** has excellent rust tolerance and reduced stem production in spring. **Samson** has been very successfully used on dairy, sheep and beef farms where farmers want strong and reliable pasture production.

Samson is a general purpose perennial ryegrass that excels under sheep and beef grazing. **Samson** is one of the most widely tested **AR1** and **AR37** varieties available (for example see Figure 1 below). **Samson** was bred from a wide range of genetics from around New Zealand making it an excellent long term pasture choice countrywide. **Samson** has been researched extensively, especially in developing the novel endophytes **AR37** and **AR1**.

Production data

Samson has proven its yield advantages in trial situations as well as in farmer evaluations.

Relative ryegrass yields for ryegrass infected with **AR1** endophyte and **AR37** endophyte compared with Standard endophyte (=100) for each season at two sites in northern New Zealand. Error bars show the LSD value when significant differences (P<0.05) occurred between endophyte strains with a season.

