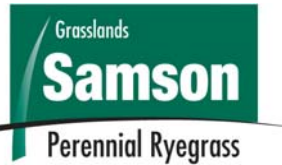


# Agrinote



Pastures for Profit.®



## 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 low stem production in late spring and summer. *Samson* has been very successfully used on sheep, beef and deer farms where farmers want strong and reliable pasture production. Due to its broad breeding background, *Samson* is a very good choice for long-term pastures throughout the country.

*Samson* perennial ryegrass is now commercially available with *AR37* novel endophyte.

## Characteristics

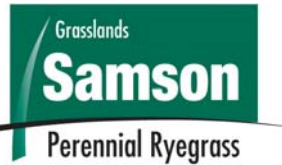
Perenniality	Leaf Size	1000 Seed Weight	Suggested Sowing Rate (kg/ha)
Perennial	Medium	2.0 grams	18-20

Rust Tolerance	Heading Date	Ploidy	Endophyte
Very high	Mid (+3)	Diploid	AR37, AR1, standard or low endophyte

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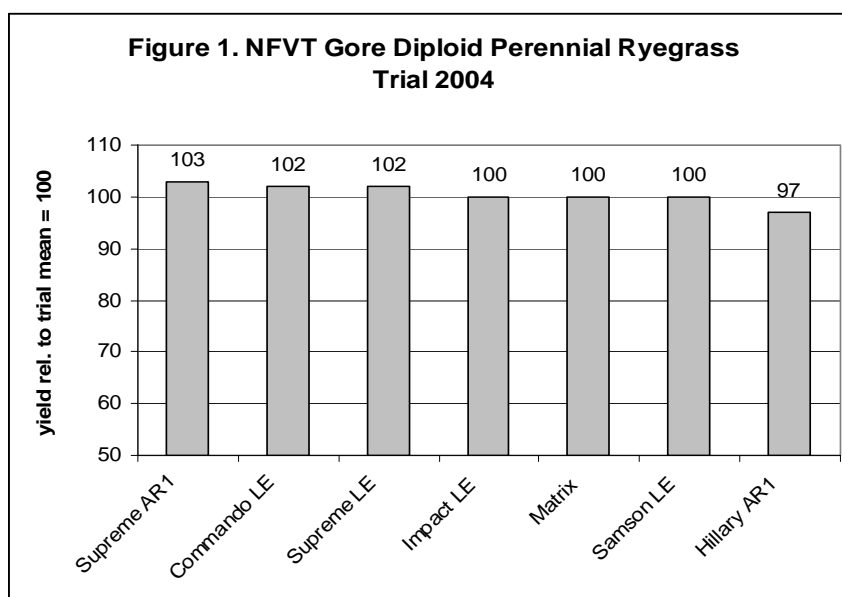


## Key Features

- ✓ Available with *AR37* and *AR1* novel endophyte and LE
- ✓ Productive under sheep, beef and deer management
- ✓ High quality summer and autumn production for a mid-heading ryegrass
- ✓ Proven in a wide range of New Zealand environments
- ✓ Excellent disease tolerance

## Production Data

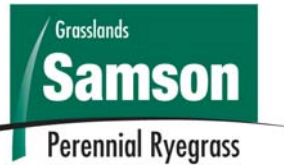
*Samson* has proven its yield advantages in trial situations as well as in farmer evaluations. This, combined with high rust tolerance, leads to optimum animal performance.



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## Endophyte

*Samson* is a general purpose perennial ryegrass that excels under sheep, beef and deer grazing. *Samson* is one of the most widely tested AR1 varieties available and has been proven to be one of the most robust perennial ryegrasses with AR1 endophyte. *Samson* is also one of the most widely tested varieties with AR37 endophyte.

Independent trials using *Samson AR37* have shown that you can get an extra 8% drymatter production over *Samson* HE or AR1 in Canterbury with similar animal performance to *Samson* AR1.

## Suggested Mixes

### Persistent Sheep and Beef Mix

<i>Samson AR37</i> perennial ryegrass	18 kg/ha
<i>Tribute</i> white clover (bare seed)	4 kg/ha
<i>Sensation</i> red clover (bare seed)	4 kg/ha
<i>Choice</i> chicory	2 kg/ha
<i>Tonic</i> plantain	1 kg/ha
<b>Total</b>	<b>29 kg/ha</b>

### General Purpose Sheep, Beef & Deer Mix

<i>Samson AR1</i> perennial ryegrass*	18 kg/ha
<i>Tribute</i> white clover	3 kg/ha
<i>Prestige</i> white clover	2 kg/ha
<i>Colenso</i> red clover	4 kg/ha
<i>Choice</i> chicory	2 kg/ha
<i>Tonic</i> plantain	1 kg/ha
<i>Charlton</i> timothy	1 kg/ha
<b>Total</b>	<b>31 kg/ha</b>

\*or LE in Southern South Island

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