

SOWING TYSON

Suggested seed mixes for *Tyson* are shown below.

Sheep, Beef, Deer

Suggested seed mix	kg/ha	
For systems requiring more early spring feed.	<i>Tyson ARI</i> perennial ryegrass	20
	<i>Apex</i> white clover	2
	<i>Weka</i> white clover	2
	<i>Tuscan</i> red clover	4
Total	28	



GETTING THE BEST OUT OF TYSON

While *Tyson* has exceptional early spring growth, two other things are necessary to get the best from it - the right farm system, and the correct management. Here are key tips to help achieve this;

Determine & achieve pasture cover targets for key times of the year:

- Prior to winter: Complete a winter feed budget to determine the cover needed at the start of winter (May) to achieve the lambing target.
- The recommended minimum cover for set stocked ewes in early spring (August) is 1300-1500 kg DM/ha (3-4 cm+), and around 1700-1800 kg DM/ha for ewes expecting twins.
- At this time of year 'grass grows grass'. Covers at 800 kg DM/ha mean your animals are growing at 60% of their potential.

Autumn sets up spring.

Decisions on feeding and selling in autumn set up spring. Remember applying N fertiliser can be a great 'circuit-breaker' to grow farm cover if you need it.

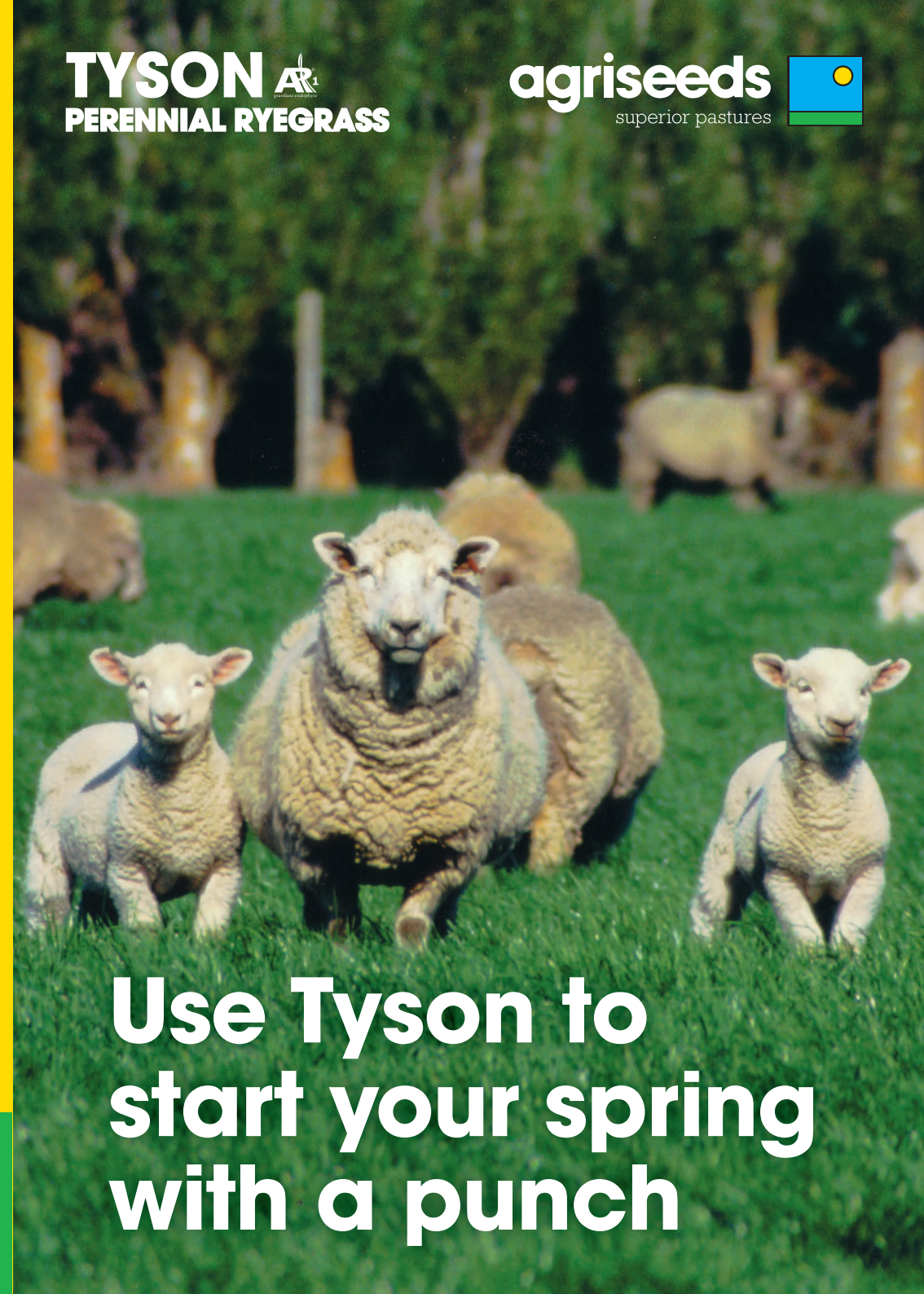
Monitor progress through winter and make decisions on what to do to ensure pasture cover targets are achieved. This can include feeding crop or supplements or adjusting stock selling policy.

Maintain optimum pasture length/covers to maximise pasture growth and quality. Make sure pastures don't get too short to limit growth (< 1300kg DM/ha for sheep and beef) or too long (> 3000 kg DM/ha) to reduce feed quality. The ideal pasture length can be maintained by:

- Using a fast enough rotation so pre grazing covers are not too long.
- Set stocking ewes and lambs at the correct density.
- If a pasture surplus occurs take paddocks out early for high quality silage.

TYSON ARI
PERENNIAL RYEGRASS

agriseeds
superior pastures



Use Tyson to start your spring with a punch



Member of the Royal Barenbrug Group

Superior pastures
from Agriseeds.

0800 449 955
www.agriseeds.co.nz



TYSON^{AR1} PERENNIAL RYEGRASS

Tyson is a very early-flowering, diploid perennial ryegrass, with tremendous early spring growth and excellent overall yield. With a -7 day heading date, it is the earliest heading perennial ryegrass on the market.

Tyson is a terrific fit for sheep and beef systems, where additional dry matter available earlier in the spring means more feed available through lambing. Capturing this advantage in your farm system will translate into more lambs finished at weaning, and higher lamb weights.



Tyson AR1 in trial (left plot) in September, showing its significant extra early growth through August and September versus other leading perennial ryegrass cultivars.

WHY SOW TYSON?

Tyson has excellent total DM yield, similar to *Trojan* ryegrass, but it's in early spring that it really shines with 18% more yield than other perennial ryegrasses. This is extremely valuable for several reasons:

Allows more lambs to be finished off mum

This has always been a key goal for sheep and beef farmers as:

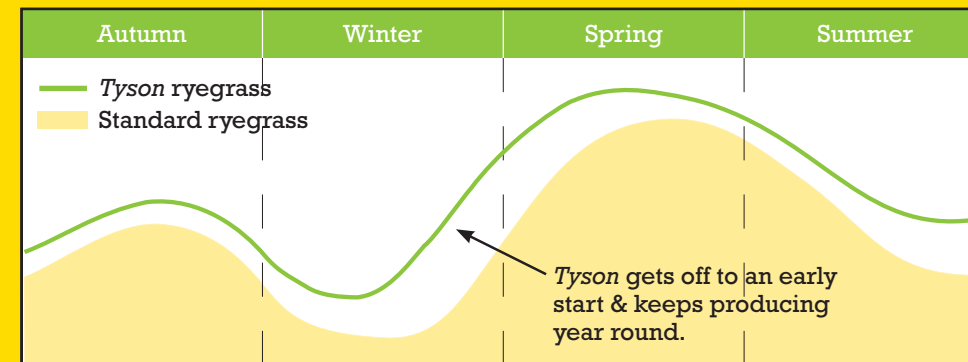
- Early lamb drafts usually fetch better prices.
- The weaning check is avoided (and with it up to 2 weeks lost lamb LWG).
- Extra feed is freed up for other stock.

Provides more pasture for lambing and calving

Tyson's outstanding early spring growth helps overcome feed deficits typically associated with this period and is ideal for early lambing and calving farm systems.

Optimises spring productivity

Tyson is particularly suited to farm systems that need to maximise spring pasture and animal growth before the possible arrival of drier conditions.



TYSON FEATURES

- Very early heading date (-7 days)
- Outstanding early spring growth
- Very high annual DM yield, similar to *Trojan*
- Available with AR1 endophyte

Seasonal DM yield, trial mean = 100%*

Cultivar	Winter	Early spring	Late spring	Summer	Autumn	Total
<i>Tyson</i> **	113 a	118 a	102 ab	108 a	114 a	109 ab
<i>Arrow AR1</i>	105 ab	102 bc	102 ab	106 ab	105 ab	103 bc
<i>Extreme AR37</i>	101 bc	104 bc	98 b	97 abc	101 bc	100 c
<i>One50 AR1</i>	105 ab	97 cd	96 b	104 ab	101 bc	100 c
<i>Abermagic WE</i>	70 d	89 d	110 a	98 abc	91 c	97 c
<i>Samson WE</i>	102 bc	109 b	95 b	86 c	99 bc	96 c
<i>Nui</i>	94 c	105 bc	95 b	90 bc	91 c	94 c
Trial Mean (kg DM/ha)	981	1851	3503	3330	2103	11775

*Combined data from 6 dry matter yield trials from Canterbury, 2007-08. Yields with the same letter are not significantly different at 5% LSD. **Endophyte present in *Tyson* was SE or Standard Endophyte.

Breeding

Tyson has been bred from our best early season perennial ryegrasses, *Meridian* and *Arrow*. *Meridian* was a very early cultivar we released a number of years ago with exceptional early spring yield. The improvement we have achieved with *Tyson* is to capture the best of this, and combine it with the best of *Arrow*. This gives both exceptional early spring growth, very good year-round total yield, similar to *Trojan* ryegrass.