

Harper is a high performance hybrid ryegrass suitable for a medium-term pasture for all farm systems. It is fast establishing, with good year round growth and palatability.

Seasonal growth

Hybrid ryegrass trial Canterbury, 2004-07* (*Maverick Gold* = 100).

Variety	Autumn	Winter	Early spring	Late spring	Summer	Total
<i>Harper</i>	124	97	94	113	113	107
<i>Maverick Gold</i>	100	100	100	100	100	100
<i>Galaxy</i>	91	77	116	109	75	94
LSD (5%)	25.1	15.5	14.5	15.7	24.4	13.4

*Agriseeds breeding trial run under rotational sheep grazing at Courtenay, Canterbury 2004-2007. All varieties *Without* endophyte.

Persistence

Harper is best used as a medium-term pasture, offering higher winter and early spring production than perennial ryegrass. *Harper* will typically last 2-3 years in summer dry conditions, and 3-5 years in summer moist conditions.

Persistence under sheep grazing, Canterbury 2004-2007*

Variety	Persistence (after 3 years)
<i>Harper</i>	4.7
<i>Maverick Gold</i>	3.7
<i>Galaxy</i>	3.7
LSD (5%)	0.73

*Trial was visually scored where 1 = poor persistence and 9 = excellent persistence. All varieties *Without* endophyte.

Palatability

Harper is highly palatable, similar to other hybrid ryegrasses. High palatability makes pasture management easier and helps ensure good animal performance.

Endophyte

Harper is available with *Plus AR1* and *Without* endophyte.

Sowing *Harper*

Sheep, Beef, Deer		kg/ha
For high yielding medium-term pasture.	<i>Harper</i> hybrid ryegrass	20-25
	<i>Weka</i> white clover	2
	<i>Apex</i> white clover	2
	<i>Tuscan</i> red clover	4
	Total	28-33
Dairy		kg/ha
For high yielding medium-term pasture.	<i>Harper</i> hybrid ryegrass	20-25
	<i>Kotare</i> white clover	2
	<i>Weka</i> white clover	2
	Total	24-29