

ACCLAIM SPRING BARLEY

Key Attributes

New spring barley from Plant Research (NZ) Ltd

Consistent yielding two-row spring barley, evaluated in CPT1 trials in 2012/13

Mean grain yield across all Canterbury CPT1 trial sites was 8.32 mt/ha.

ACCLAIM was bred by German breeding company Ackerman – the same stable that bred our current variety **FLORA**. **ACCLAIM** is brought to New Zealand growers through collaboration between Ackerman and Plant Research Ltd.

Plant Research tested **ACCLAIM** in 2011/12 and promoted the variety to CPT1 trials based on its grain yield compared to Doyen (108%) and Flora (104%).

In New Zealand CPT trials in 2012/13, **ACCLAIM** yielded 98% of the trials mean with consistent yield across all sites both dryland and irrigated and particularly good performances at an irrigated Dunsandel site (106%) and St Andrews dryland site (102%). The important points of difference between **ACCLAIM** and **FLORA** are a shorter and more erect straw, earlier maturity and significantly better resistance to mildew.

A summary of the performance of **ACCLAIM** from the 2013/14 FAR CPT2 trials is presented below.

Site	Relative yield ACCLAIM	Relative yield Garner
Dunsandel	96	100
Methven	87	103
Cust	101	100
Ashburton	99	95
St Andrews	100	101
Average	96	100

Mean protein content across CPT1 sites in 2012/13 was 11.2% with a seed weight of 52g and a test weight of 64g.

Mean protein content across CPT1 sites in 2013/14 was 11.9% with a seed weight of 46.5g and a test weight of 62g.

ACCLAIM has excellent resistance to powdery mildew and better tolerance to scald than **Flora**.

ACCLAIM is an erect plant type with a shorter stature to **FLORA** and last season we saw less lodging in **ACCLAIM**.

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