



**TORCH** is a new winter feed wheat aimed at an early to mid-season sowing window, similar to Einstein.

- Outstanding yield performance in CPT trials over two seasons
- Excellent disease resistance in independent testing
- Robust variety with stiff straw
- Offers significant performance improvements over Einstein

**TORCH's** overall disease resistance in a FAR untreated wheat trial at Chertsey in 2013/14 was outstanding compared with existing New Zealand varieties.

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

<b>Site</b>	<b>Relative yield Torch</b>	<b>Relative yield Einstein</b>
Methven	105	97
Kiwitea	103	100
St And	102	99
<b>Average</b>	103	99

In 2012/13 CPT1 trials, **TORCH** was the 2<sup>nd</sup> highest yielding feed wheat in the CPT1 trials with good stability in yields across the four sites (see table below).

<b>Site</b>	<b>Relative yield Torch</b>	<b>Relative yield Phoenix</b>
Wakanui	109	107
Methven	108	95
Temuka	106	96
St And	105	108
<b>Average</b>	107	101

To date **TORCH** in independent assessments is showing very good disease resistance to most problem diseases. In particular it has very good resistance to Stripe rust (see table below)\*.

<b>Disease</b>	<b>Resistance Torch</b>	<b>Resistance Phoenix</b>
Stripe rust	Mostly resistant	Moderately resistant
Leaf Rust	Resistant	Moderately resistant
SLB	Mostly resistant	Moderately resistant
Powdery Mildew	Moderately resistant	Moderately resistant
BYDV	Mostly susceptible	Moderately susceptible

Torch is medium height, with stiff straw and a low risk of pre harvest sprouting\*\*.

Torch has been tested by Plant Research (NZ) Limited in association with Seed Force Ltd. This variety was bred by RAGT in the UK.

The New Zealand Seed Licence is Cates Grain and Seed in Ashburton, contact Martin Reid (03) 308 7166.

**\*Data sourced from Unpublished FAR data 2013-14.**

**\*\*Data sourced from Cereal performance trials (CPT) nurseries 2012–13, Munro CA, Shorter SC, Sinclair KI, Gibbs AJ, Browne JM. May 2013.**