



**Plant Research (NZ) Ltd.**

## **BOLT – Forage / Grain Triticale**

### **Key Features:**

**BOLT** is a new variety from Plant Research Ltd's doubled haploid cereal programme and is the only DH triticale available in NZ.

**BOLT** is a medium height, very uniform, medium maturing awned forage / grain triticale. **BOLT** has very long heads and thick, strong stems. It grows quickly from an autumn planting (see image below). To date we have seen no agronomic weakness in relation to lodging or disease.

**BOLT** has good tolerance to stripe rust and to date, one spray has been sufficient to control this disease

Growth of **BOLT** during the winter is faster than Doubletake



Growth characteristics of **BOLT** (Ashburton – June 2008)

**BOLT** is being targeted for use as a winter sown forage triticale that will grow faster than Doubletake triticale. PRL's existing triticale variety Bullion has broken down to rust

along with all other commercial triticale varieties grown in New Zealand. BOLT is not completely resistant but at present only requires one fungicide application.

**BOLT** grain has high ME values (>13 *ARL Laboratories Ltd*)

## Nutritional Data:

**Table 1.** **BOLT** nutritional analysis (grain ex 2007/08 season).

Test	Result
DM % w/w	90.5
CP % w/w DM	10.5
Lipid % w/w/ DM	2.1
Ash % w/w DM	5.3
ADF % w/w DM	<1
NDF % w/w DM	5.7
ME (est) MJ/kg DM	>13

Nutritional analysis conducted by Analytical Research Laboratories Ltd.

Grain yields of BOLT in Dunsandel last season from a winter planted, irrigated site were approximately 10 mt/ha

Further information on this cultivar characteristics should be directed to

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### Disclaimer:

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