



## Feed Wheat Growers Guide

### **Sowing**

Wakanui is a late maturing winter wheat. Yield potential will be enhanced by early sowing from mid-April. It matures 4-6 days later than Option. Medium feed wheat sowing rates are recommended (seed size is medium to good and it has good tillering ability)

### **Very High Yield Potential**

Wakanui is consistently the highest yielding wheat in 3 yrs of CFR and CPT1 trials and performs at its best under medium to high inputs of fungicides/insecticides and PGR's, nitrogen and water. It is the top yielder in any feed wheat trial sown until mid-June under medium to high management.

### **Grading Values**

Wakanui produces good grading figures with a good test weight, medium to high seed wt, low screenings, medium falling number values and good proteins.

### **Disease Tolerance**

Wakanui will need protection from BYDV, seedling stripe rust and adult leaf rust. It has good tolerance to all other diseases. See the following minimum recommendations;

Autumn - insecticide protection is recommended.

Mid to late tillering - 250 mls Opus to prevent seedling stripe rust, (include an insecticide).

Consult with your Luisetti/AGC representative for seasonal specific husbandry information after this but expect to apply two strobilurin fungicides.

### **Straw Strength**

Wakanui is taller than most feed wheats but has good straw strength (e.g. 110% of Option)

Apply a medium to high rate PGR to all crops. Use a minimum of 1.5 l/ha Cycocel + 200mls/ha Moddus at GS 30-31 (32 if missed) - consider split timing in 12-15 t crops.

### **Nitrogen**

Standard feed wheat strategy is recommended. Wakanui is an approximately 3-4 days later developing to flowering than most European feed wheats, so all development times will be marginally later.

### **Irrigation**

Wakanui has a very long grain fill period so late watering will support well managed high yielding crops to achieve their full potential.

### **Harvesting**

Wakanui is easy to harvest. It should be harvested promptly to ensure grain quality and falling numbers are maintained. It is a soft wheat with biscuit wheat like texture.

## Trial Results Confirm Top Yield Expectations

### **05/06 Canterbury PFR results (2 site mean, irrigated and dry land)**

- Canterbury, May sown, farmer management (tough year - bad BYDV season)
- (no grading data available)

	<b>Rel. Yield</b>
<b>WAKANUI</b>	<b>112</b>
Option	107

### **06/07 Canterbury CPT1 results (4 site mean, irrigated and dry land)**

- April/May sown, farmer management (good finish year – cool, wet Nov/Dec)

	<b>Rel. Yield</b>	<b>Test Tw</b>	<b>Seed Wt</b>	<b>Screenings</b>	<b>Protein</b>	<b>Fall no.</b>
<b>WAKANUI</b>	<b>117</b>	<b>74</b>	<b>45</b>	<b>2</b>	<b>9.4</b>	<b>236</b>
Claire	105	69	45	3	9.7	317

### **07/08 Canterbury CPT1 results (3 site mean, irrigated and dry land)**

- April/May sown, farmer management (dry Nov/Dec)

	<b>Rel. Yield</b>	<b>Test Tw</b>	<b>Seed Wt</b>	<b>Screenings</b>	<b>Protein</b>	<b>Fall no.</b>
<b>WAKANUI</b>	<b>109</b>	<b>79</b>	<b>49</b>	<b>1</b>	<b>9.3</b>	<b>223</b>
Phoenix	104	78	52	1	10.3	379

### **07/08 Canterbury PFR results (2 sites, irrigated and dry land)**

- Early May sown, farmer management (dry Nov/Dec)

	<b>Methven Rel. Yield (100=8.0t/ha)</b>	<b>Lincoln Rel. Yield (100=9.2t/ha)</b>
<b>WAKANUI</b>	<b>122</b>	<b>135</b>
Raffles	114	116

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