



## Feed Barley

### Spring Sown, Very High Yield Potential

#### Sowing

Bumpa is a medium maturing feed barley that can be sown from July to October in Canterbury and the North Island.

It is similar in style to most other spring barleys and shows consistently high yields. Medium feed barley sowing rates are recommended (seed size is high and it has good tillering ability)

#### Very High Yield Potential

It has high relative yields in good conditions and performs at its best under high inputs but is also well suited to lower inputs in early sown dryland conditions.

Spring sown trials to date show top yields in Canterbury and the lower North Island. More research is being done to identify yield performance under autumn sowing in Canterbury and spring and autumn sowing in Southland.

#### Grading Results

**Bumpa easily produces acceptable grading figures** with a good test weight, high seed size and low screenings.

#### Disease Tolerance

**Bumpa will need protection from BYDV and net blotch.** It has good tolerance to scald, leaf rust and ramularia. Bumpa is well suited to a 2 fungicide programme.

T1 - GS 30 (very early stem elongation) - 200 mls Opus + 200 mls Proline

T2 - GS 49 (awns emerging) - 300 mls Opus + 300 mls Proline. This needs to be a high rate to prevent net blotch and ensure grain-fill period is protected for maximum yield.

#### Straw Strength

**It is medium tall with good straw strength** and could benefit from PGR's. in all early spring sown crops and those with over 8t/ha yield potential.

Apply medium rate PGR at GS 30 (150-200 mls Moddus)

#### Nitrogen

**Standard feed barley strategy is recommended.** Barleys develop quickly, especially later sown crops, so all growth stage based management needs to be accurate for high yields.

#### Harvesting

**Bumpa is easy to harvest.**

**07/08 FAR Canterbury Spring Sown CPT2 results (6 site mean, irrigated and dryland)**

- spring sown, farmer management (dry Nov/Dec)

	<b>Rel. Yield</b>	<b>Test Tw</b>	<b>Seed Wt</b>	<b>Screenings</b>
<b>Bumpa</b>	<b>104</b>	<b>67</b>	<b>54</b>	<b>1.0</b>
Doyen	104	67	53	1.5
County	103	66	50	1.9
Dash	100	66	45	3.0

**07/08 FAR North Island CPT2 results (2 sites, dryland)**

- spring sown, farmer management (dry Dec/Jan)

	<b>Rel. Yield</b>	<b>Test Tw</b>	<b>Seed Wt</b>	<b>Screenings</b>
<b>Bumpa</b>	<b>108</b>	<b>67</b>	<b>51</b>	<b>2.4</b>
Doyen	102	66	48	4.5
County	100	67	51	3.0
Dash	106	66	43	6.4

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