

Tavern



- Easy care, industry standard feed barley
- Consistent, well proven autumn performer
- Awn characteristics may help to protect against bird damage near harvest when autumn sown
- Ideally drilled from May through to September

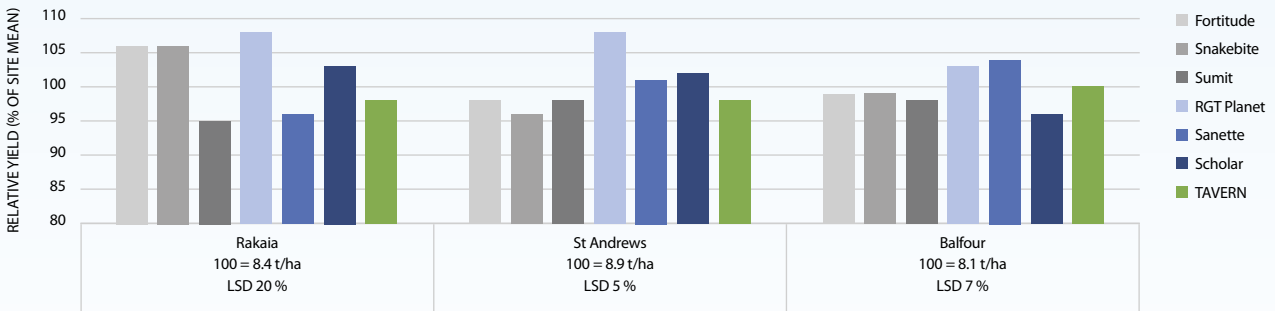
Description

TAVERN is a high yielding feed barley variety, bred in the UK by Syngenta and developed in New Zealand in conjunction with Cropmark Seeds Ltd as head licensee and PGG Wrightson Grain (PGW Grain).

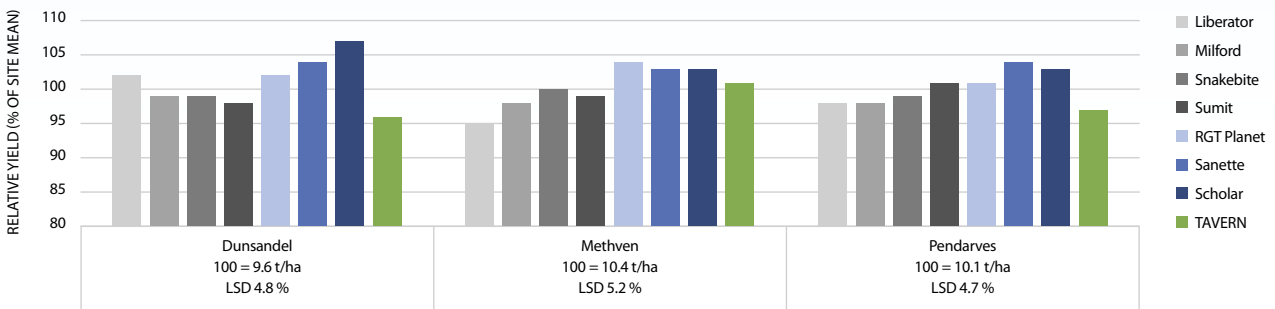
Yield

TAVERN remains one of the tried and true reliable yielding varieties that farmers trust and turn to year after year. TAVERN performs well from both autumn or spring sowings and produces reliable grain characteristics.

FAR (CPT) AUTUMN SOWN TRIALS (4 YEAR MEAN)



FAR (CPT) SPRING SOWN TRIALS (4 YEAR MEAN)



CPT TAVERN grain quality (4 year mean)	Lower North Island (spring)	Canterbury (spring)	Southland (spring)	Canterbury (autumn)	Southland (autumn)
Test weight (kg/hl)	67	65	64	61	63
Screenings (%)	1.3	1.9	2.3	2.0	3.1
Kernel weight (1000 seed weight)	53	48	50	43	46
Protein content (%) (N% x 6.25)	10.3	10.2	11.7	9.3	8.5

TAVERN produces grains with high test weights and low screenings. It consistently produces good grain quality compared to many other cultivars.

Time of drilling

TAVERN is well established as an autumn drilled barley although drilling is not recommended until early May owing to the risk of frost damage during flowering. It can then be drilled through the winter into the spring, although sowing through the coldest weeks of June and July is not recommended especially in heavy soils prone to water logging. It performs consistently in the spring, although on dryland TAVERN performs most reliably from an autumn drilling.

Speed of development

Month planted	Typical heading dates for TAVERN in Canterbury
May	Early November
September	Early December

TAVERN has intermediate to late maturity at harvest.

Seed rate and tillering characteristics

TAVERN tillers profusely from both autumn and spring drilling timings and target plant populations should be within the standard PGW Grain barley seed rate guidelines (pg 4).

Soil type, rotation and geography

TAVERN can be planted on all soil types where barley is already grown and can be a first or second year cereal. As a second year cereal, barley is generally more take-all tolerant than wheat, however yield will be lower than a first year barley crop.

Disease resistance

TAVERN shows some susceptibility to all foliar diseases. Considering this disease profile, TAVERN will need a robust fungicide programme in most circumstances. Please contact your local PGW Representative for site specific recommendations.

Disease resistance results:

Disease	PGW disease nursery ratings (9 highly resistant, 1 highly susceptible)	CPT Autumn sown cultivar rating
Scald	6	Moderately resistant
Net blotch	6	Moderately susceptible
Leaf rust	6	Mostly susceptible
Powdery mildew	6	Moderately resistant*

*Indicates resistance is affected by pathogens present (score is an average).

Straw strength and height

TAVERN is a stiff strawed variety with short to medium height and moderate to good neck strength. Autumn sowings will typically require a plant growth regulator (PGR) investment, especially under irrigation. The actual programme is determined by a combination of local conditions, management and yield potential. As with any cultivar, do not apply if the crop is under any form of stress. Please contact your local PGW Representative for site specific recommendations.