



# Variety update

## Triticale

### **Berkshire**<sup>(b)</sup>



Purpose-bred for increased yield and superior feed quality traits for pigs

- Quick to mid-season maturity—equivalent to Tahara
- Excellent yield—equivalent to current grain only varieties available
- Improved ileal digestible energy—13 MJ/kg compared to Tahara at 12 MJ/kg
- Reduced fibre content—5 to 10% less than Tahara
- Good straw strength
- Stripe rust—moderately resistant to WA strain; moderately susceptible to Jackie strain

### **Chopper**<sup>(b)</sup>

An early maturing, short season grain only triticale (Speedee replacement)

- Early maturing with high yield in NSW, Vic and SA NVTs
- Suited to late sowing, short seasons, low rainfall and under-sowing pastures
- Excellent disease resistance
- Shorter than any current triticale
- Reduced lodging compared to current varieties
- Stripe rust—moderately susceptible—susceptible

to Tobruk pathotype; moderately susceptible to Yr27-17 pathotype

- Stem rust—moderately resistant
- Cereal cyst nematode (CCN)—resistant

### **Endeavour**<sup>(b)</sup>

A long season dual purpose triticale with excellent dry matter production and grain recovery

- True winter habit, equivalent to or better than Breakwell<sup>(b)</sup> makes it suited to early sowing (best sown through March and early April)
- Excellent early dry matter production and high total dry matter production
- High yield after grazing
- Good straw strength
- Stripe rust—resistant—moderately resistant to Tobruk pathotype; moderately resistant to Yr27-17 pathotype
- Stem rust and leaf rust—resistant

### **Hawkeye**

A mid maturing, broadly adapted grain only triticale

- Mid maturing with stable yield across all regions where triticale is tested (NSW, VIC and SA)
- Moderately tall with good straw strength
- Large, high quality seed



- Stripe rust—moderately resistant to stripe rust, although some plants within the population are moderately susceptible to both Tobruk and Yr17-27 pathotypes
- Resistant to cereal cyst nematode.

## **Jaywick**

Early to mid season, broadly adapted grain only triticale

- Suited to sowing in the main wheat sowing window and into mid June
- Early to mid maturity, with stable yield, even in a tough finish
- High quality grain
- Moderately tall
- Moderately resistant—resistant to stem rust
- Stripe rust—moderately resistant to stripe rust, although some plants within the population are moderately resistant—moderately susceptible to the Tobruk, and moderately susceptible to the Yr17-27 pathotype
- Resistant to cereal cyst nematode.

## **Tobruk<sup>Ⓛ</sup>**

A long season versatile triticale—grain only or dual purpose

- Resistant to stem rust
- Strong winter habit
- Excellent yield after grazing compared to all other varieties in the NSW mixed cereal trials
- Easy threshing
- Stripe rust—moderately susceptible—susceptible to Tobruk pathotype of stripe rust; moderately resistant to Yr27-17 pathotype of stripe rust

# Barley

## **Urambie<sup>Ⓛ</sup>**

A high yielding, dual purpose, feed quality barley with excellent straw strength

- Suited to early sowing
- True winter habit, with a cold requirement for head initiation
- Excellent early dry matter for winter grazing
- Excellent plant stature with good straw strength
- Resistant to leaf scald, net form of net blotch and barley grass stripe rust

## **Tulla<sup>Ⓛ</sup>**

A two-row feed grain barley with excellent acid soil tolerance

- Higher yield than all other approved barley varieties on acid soil (pH<sub>CaCl<sub>2</sub></sub> 4.5–5.5)
- Suited to main season sowing
- Large grain size and good straw strength
- Reliable disease resistance



Mannus<sup>Ⓛ</sup> (left) and Urambie<sup>Ⓛ</sup> (right) have excellent dry matter production for winter grazing. These ungrazed plots were sown 20 May (photo 1<sup>st</sup> Sept.) at the Henty Machinery Field Days trial site.



## Oats

### **Mannus**<sup>Ⓛ</sup>

A dual purpose oat with excellent grain recovery after grazing and superior feed grain quality

- Substantially better feed grain quality than Eurabbie
- Low lignin husk
- Winter growth habit and mid maturity
- Better disease resistance than Eurabbie

### **Yiddah**<sup>Ⓛ</sup>

A dual purpose feed grain oat with excellent early fodder production and grain recovery after grazing

- Suited to early sowing
- Good early fodder production
- Low lignin grain
- Winter growth habit with good straw strength
- Excellent grain yield recovery after grazing

## Field peas

### **CRC Walana**<sup>Ⓛ</sup>



White field pea for human consumption or stock feed, specially selected for northern NSW and Queensland

- Quick or early maturity
- High and stable yield in northern NSW and southern Qld
- Semi-leafless with very erect growth habit to medium height
- White flowers; white seeds and yellow cotyledons
- Resistant to powdery mildew
- Moderately resistant to bean leaf roll virus (BLRV)
- Resistant to pea seed-borne mosaic virus (PSbMV)
- Selected for areas in southern Queensland and north of the Macquarie Valley in New South Wales, where powdery mildew often has a significant impact on field pea yield.
- Stock feed—very low levels of trypsin inhibitor activity, a significant anti-nutritional factor for livestock
- Human consumption—large grain suitable for splitting

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