



Growing Together



# SPRING 2019

NSW



**A hero for every region.  
Unleash the power of our  
wheat and barley varieties.**

# WHEAT

## Australian Hard (AH) SOUTH EASTERN ZONE

### ROCKSTAR (D)

The potential AH wheat that rocks till late.

### POTENTIAL AH

### VIXEN (D)

A cunning variety for those looking to win the early-mid flowering, AH wheat race.

### EMU ROCK (D)

A high yielding, early flowering, AH wheat with very large grain size and useful crown rot resistance.

## Australian Premium White (APW Clearfield® Plus) SOUTH-EASTERN ZONE

### SHERIFF CL PLUS (D)

Meet the new mid-late flowering Clearfield® Plus wheat officer, protecting yield and yield stability.

# BARLEY

## Malt Barley

### SPARTACUS CL (D)

A proven gladiator conquering the Asian beer arena.

### LA TROBE (D)

Governing low-medium rainfall environments, a proven export malt leader.

## Potential Malt Barley

### BANKS (D)

The ugly duckling! Distinct characteristics suited to the medium-high rainfall zone.

### IGB1705T

The next generation potential malting, IMI gladiator!

## Feed Barley

### ROSALIND (D)

The smart feed barley with yield and yield stability in its DNA.

# OATS

## Hay Oat

### KINGBALE (D)

A new oat dynasty!

## TERRITORY MANAGER CONTACT

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## DISEASE GUIDE

**VS** Very susceptible

**SVS** Susceptible to  
Very susceptible

**S** Susceptible

**MSS** Moderately  
susceptible to  
Susceptible

**MS** Moderately  
susceptible

**MRMS** Moderately resistant  
to Moderately  
susceptible

**MR** Moderately resistant  
**RMR** Resistant to  
Moderately resistant

**R** Resistant

**P** Provisional  
**#** (pathotype  
dependent)

**()** Trial numbers

### Wheat & Barley Disease

#### Source:

2018 NVT Disease Consensus  
Ratings

#### Agronomic Characteristics:

InterGrain Breeding

#### ## Stripe Rust:

Ratings are based on  
(Yr17+27+) pathotypes

#### Wheat Powdery Mildew:

SA NVT Rating

#### Barley Powdery Mildew:

QLD NVT Rating

# ROCKSTAR





POTENTIAL AH –  
SOUTH EASTERN ZONE

NEW

WHEAT



## Variety Overview

ROCKSTAR  is an exceptionally high-yielding, mid-late flowering, potential AH variety. It has a similar flowering time to LRPB TROJAN . It offers good powdery mildew (Rp), yellow spot (MRM<sub>Sp</sub>) and stripe rust (MRM<sub>Sp</sub>) resistance (all provisional ratings), an advantage in wheat on wheat rotations. ROCKSTAR  is well suited to earlier sowing opportunities, performing best in longer growing seasons. It has a good grain size, good test weight and has a moderate plant height, similar to MACE .

**ROCKSTAR  is available for planting in 2020 from local resellers and Seedclub members.**



EXCEPTIONAL  
YIELD



GOOD  
GRAIN SIZE



YELLOW SPOT  
(MRM<sub>Sp</sub>)



POWDERY  
MILDEW (Rp)



STRIPE RUST\*\*  
(MRM<sub>Sp</sub>)



LEAF RUST  
(Sp)



STEM RUST  
(MRp)



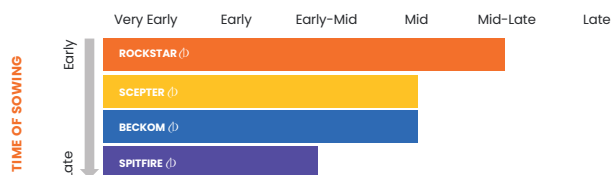
MID-LATE  
FLOWERING TIME

# THE AH WHEAT THAT ROCKS TILL LATE

ALTERNATIVE TO: LRPB TROJAN , SCEPTER , BECKOM  AND CATAPULT 



## TIME TO FLOWERING COMPARISON













EPR \$3.50/tonne GST Exclusive




## A CUNNING VARIETY FOR THOSE LOOKING TO WIN THE EARLY-MID FLOWERING, AH WHEAT RACE.

ALTERNATIVE TO: SCEPTER , CONDO , LRPB SPITFIRE ,

### Variety Overview

VIXEN  is the highest yielding early-mid flowering (similar to SPITFIRE ) AH wheat in the South-Eastern zone. VIXEN  offers a significant yield advantage, on average, compared to CONDO  (approx. 5-6%) and SPITFIRE  (approx. 14%) in Southern NSW. VIXEN  yields are comparable to SCEPTER  and the variety has very good high-end yield potential based on NVT MET yield performance. VIXEN'S  early-mid time to flowering is ideally suited to sowing from Mid-May onwards. In addition to the variety's very good yield performance it offers good stripe (MRMS) and stem (MRMS) rust resistance and yellow leaf spot (MRMS) resistance. VIXEN  has strong physical grain characteristics including a good grain size and adequate hectolitre weight. VIXEN  also has a short plant height, providing reduced stubble loads in high yielding environments.

**VIXEN  is available for farmer to farmer trade, or through your local reseller and InterGrain Seedclub member.**



EXCEPTIONAL  
YIELD



GOOD  
GRAIN SIZE



YELLOW SPOT  
(MRMS)



STRIP RUST\*\*  
(MRMS)



STEM RUST  
(MRMS)

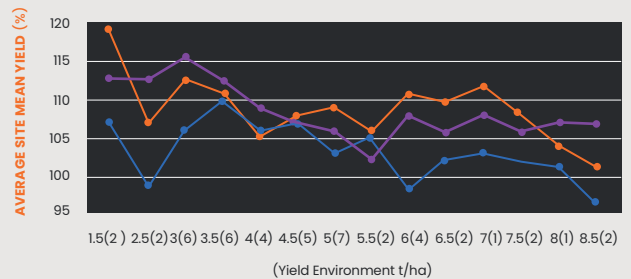


LEAF RUST  
(SVS)



EARLY-MID  
FLOWERING  
TIME

### YIELD

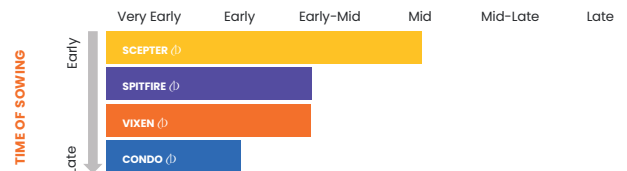


2014-18 SOUTHERN NSW MET YIELD PERFORMANCE, REPRESENTED BY YIELD ENVIRONMENT AS A % OF SITE MEAN YIELD.  
(Brackets indicate number of trials)

Only yield information >1t/ha has been presented within this graph.  
(Data accessed from the NVT Online website on 08/02/19)

 VIXEN   SCEPTER   CONDO 

### TIME TO FLOWERING COMPARISON








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# SHERIFF CL PLUS

APW Clearfield® Plus SOUTH-EASTERN ZONE



## Variety Overview

SHERIFF CL PLUS  is a mid-late flowering wheat, and is ideally suited to a late April to early May sowing. It can be sown approximately five days earlier than SCEPTER . SHERIFF CL PLUS  offers a useful disease resistance package, including good yellow leaf spot resistance. Proactive management for stripe, stem and leaf rust is also recommended. SHERIFF CL PLUS's  maturity coupled with the Clearfield® Plus trait provides an ideal variety for early sowing as it supports a flexible, post emergent weed control option with the use of label rates of Intervix®. SHERIFF CL PLUS  has a moderate plant height and has good physical grain characteristics, including a good grain size and hectolitre weight.

**SHERIFF CL PLUS  is available from local Seedclub members and resellers.**

**MEET THE MID-LATE FLOWERING  
CLEARFIELD® PLUS WHEAT OFFICER,  
PROTECTING YIELD AND YIELD  
STABILITY.**



**ALTERNATIVE TO: ELMORE CL PLUS , KORD CL PLUS ,  
GRENADE CL PLUS  AND CHIEF CL PLUS **



HIGH YIELD



GOOD GRAIN SIZE



YELLOW SPOT (MRMS)



LEAF RUST (SVS)



STRIPE RUST\*\* (MSS)



STEM RUST (MS)



CCN (MS)

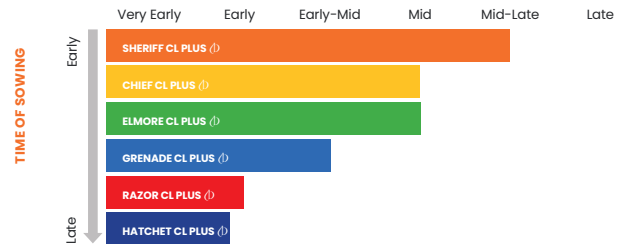


CLEARFIELD® PLUS WHEAT (INTERVIX® TOLERANT)



MID-LATE FLOWERING TIME

## TIME TO FLOWERING COMPARISON



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# SPARTACUS CL

MALT

BARLEY



## A PROVEN GLADIATOR CONQUERING THE ASIAN BEER ARENA.



ALTERNATIVE TO: COMPASS , LA TROBE ,  
SCOPE CL  AND RGT PLANET 



HEAD LOSS RISK:  
**LOW**



LODGING TOLERANCE:  
**STRONG**







GRAIN PLUMPNESS:  
**GOOD**



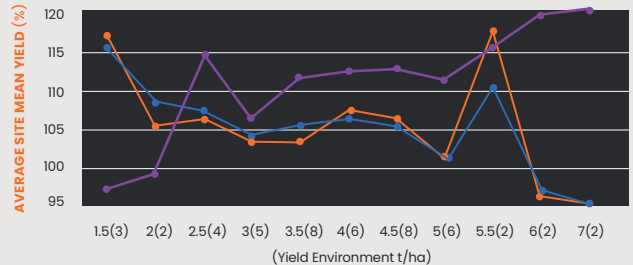
HECTOLITRE WEIGHT:  
**VERY GOOD**

### Variety Overview

SPARTACUS CL  is an early flowering, malt accredited, Clearfield® barley, with very good yield potential. SPARTACUS CL  is agronomically similar to LA TROBE , offering a similar leaf disease profile, good physical grain qualities and has a short rachilla hair length, reducing itchiness. The variety has strong lodging tolerance and low head loss risk. It also has good grain plumpness. SPARTACUS CL  has a short coleoptile, and it is recommended that sowing depth be carefully considered when sowing.

**SPARTACUS CL  is available from local Seedclub members and resellers.**

### YIELD



2014-18 NSW NVT MET yield performance, represented by yield environment as a % of site mean yield (Brackets indicate number of trials)

(Data accessed from the NVT Online website on 20/03/19)

 SPARTACUS CL   RGT PLANET   LA TROBE 



EXCELLENT YIELD



NET FORM NET BLOTCH (MR-S)



SPOT FORM NET BLOTCH (SVS)



POWDERY MILDEW\* (MRMS/SVS)



CCN (R)

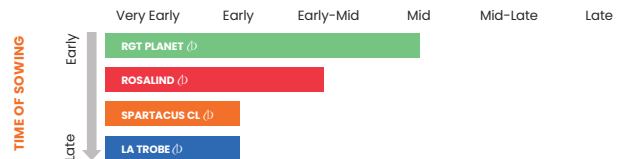


SCALD (VS)



EARLY FLOWERING TIME

### TIME TO FLOWERING COMPARISON



EPR \$4.25/tonne GST Exclusive



# GOVERNING LOW-MEDIUM RAINFALL ENVIRONMENTS, A PROVEN EXPORT MALT LEADER.

ALTERNATIVE TO: RGT PLANET , SPARTACUS CL , COMPASS 



HEAD LOSS RISK:  
MEDIUM



LODGING TOLERANCE:  
MEDIUM










GRAIN PLUMPNESS:  
MODERATELY GOOD



HECTOLITRE WEIGHT:  
VERY GOOD

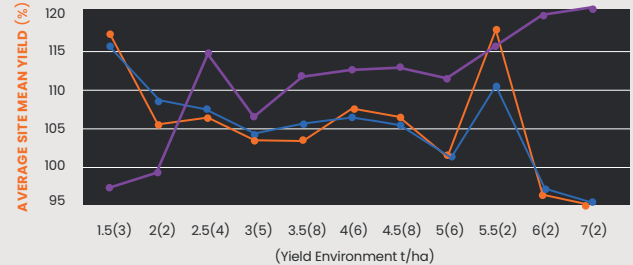
## Variety Overview

LA TROBE  is a high yielding, broadly adapted, malting variety. LA TROBE  is ideally suited to low to medium rainfall environments. In general, its time to flowering is the same as SPARTACUS CL  and earlier than SCOPE CL  for all sowing dates. It has medium lodging tolerance and has a useful leaf disease resistance profile.

LA TROBE  possesses malting qualities extremely well suited to export brewing markets. It offers very good hectolitre weight, which exceeds SCOPE CL  and RGT PLANET . The variety also has a short coleoptile and it is recommended that sowing depth be considered when planting this variety.

**LA TROBE  is available for farmer to farmer trade, or from local Seedclub members and resellers.**

## YIELD



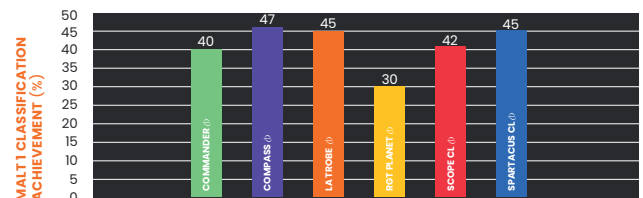
2014-18 NSW NVT MET yield performance, represented by yield environment as a % of site mean yield (Brackets indicate number of trials)

Only yield information <1t/ha has been presented within this graph.

(Data accessed from the NVT Online website on 20/03/19)

LA TROBE  RGT PLANET  SPARTACUS CL 

## 2016 - 18 NVT NATIONAL TRIALS GTA MALT 1 ACHIEVEMENT



2016-18 NVT National Trials GTA Malt Specification achievement; represented as a % of trial number from 150 sites. National dataset.

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HIGH YIELD



NET FORM NET BLOTCH (MS)



SPOT FORM NET BLOTCH (S)



POWDERY MILDEW# (MRMS/SVS)



CCN (R)



LEAF RUST (S)



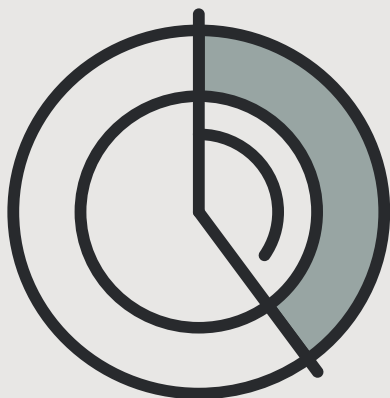
SCALD (MRMS-VS)



EARLY FLOWERING TIME

# IGB1705T

## POTENTIAL MALT



### Variety Overview

IGB1705T is an exceptionally high yielding, early-mid flowering, potential malt, imidazolinone (IMI) tolerant barley. IGB1705T has a good disease resistance profile, representing a general improvement compared to SPARTACUS CL ♂ for:

- Net form net blotch resistance (MRMSp)
- Spot Form Net Blotch (MSp)

Similarly, to SPARTACUS CL ♂, IGB1705T has an erect plant type. IGB1705T also has very good physical grain qualities, including excellent grain size, larger than SPARTACUS CL ♂, and good hectolitre weight. The variety also has a short coleoptile and it is recommended that sowing depth be considered when planting this variety. IGB1705T has been accepted into the Barley Australia malt accreditation program, with earliest possible accreditation in March 2021.



NET FORM  
NET BLOTCH  
(MRMSp)



SPOT FORM  
NET BLOTCH  
(MSp)



POWDERY  
MILDEW (Sp)



CN (R)



SCALD (S)



EARLY-MID  
FLOWERING  
TIME

# THE NEXT GENERATION, POTENTIAL MALTING, IMI GLADIATOR!

ALTERNATIVE TO: SPARTACUS CL ♂, LA TROBE ♂,  
COMPASS ♂ AND SCOPE CL ♂



HEAD LOSS  
RISK: VERY LOW



LODGING  
TOLERANCE: STRONG

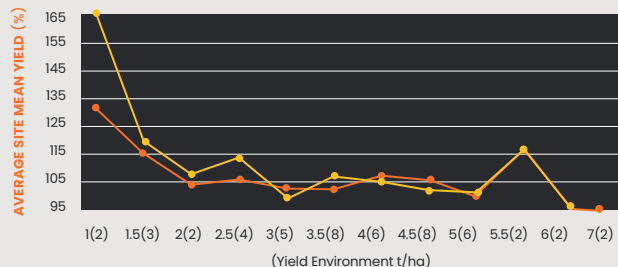


GRAIN PLUMPNESS:  
GOOD/EXCELLENT



HECTOLITRE  
WEIGHT: GOOD

### YIELD



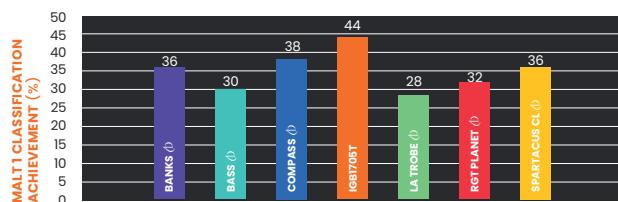
2014-18 NSW NVT MET yield performance, represented by yield environment as a % of site mean yield  
(Brackets indicate number of trials)

(Data accessed from the NVT Online website on 26/06/2019)

Only yield information >1t/ha has been presented within this graph.

IGB1705T SPARTACUS CL ♂

### 2018 NVT NATIONAL TRIALS GTA MALT SPECIFICATION ACHIEVEMENT



2018 NVT National Trials GTA Malt Specification achievement; represented as a % of trial number from 50 sites. National dataset.



# BANKS

POTENTIAL MALT



**THE UGLY DUCKLING! DISTINCT CHARACTERISTICS SUITED TO THE MEDIUM-HIGH RAINFALL ZONE.**

**ALTERNATIVE TO: RGT PLANET , LA TROBE , AND WESTMINSTER **



**HEAD LOSS RISK:** LOW



**LODGING TOLERANCE:** MEDIUM







**GRAIN PLUMPNESS:** MODERATELY GOOD



**HECTOLITRE WEIGHT:** GOOD

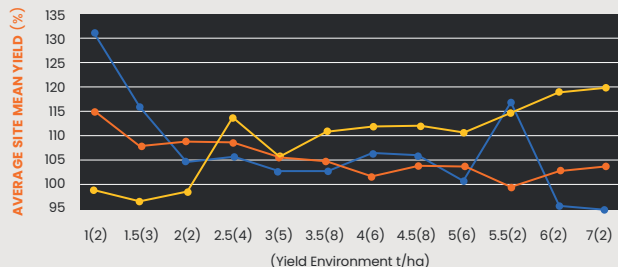
## Variety Overview

BANKS  is a high yielding variety ideally suited to the medium-high rainfall areas of NSW, with the optimal time of sowing from 25th April to 15th of May. BANKS  continues to consistently perform in NVT trials and demonstrates good yield stability.

BANKS  has an effective disease resistance profile. It has good net form net blotch resistance (MRMS) and powdery mildew resistance (MRMS/S - pathotype dependent), a definite advantage in higher disease pressure environments. The variety has medium lodging tolerance and has a low head loss risk. BANKS  also possesses adequate physical grain qualities and is currently undergoing malt accreditation with earliest possible accreditation in November 2019.

**BANKS  is available from local Seedclub members and resellers.**

## YIELD



2014-18 NSW NVT MET yield performance, represented by yield environment as a % of site mean yield (Brackets indicate number of trials)

(Data accessed from the NVT Online website on 30/05/2019)

 **BANKS **  **RGT PLANET **  **SPARTACUS CL **



**HIGH YIELD AND YIELD STABILITY**



**NET FORM NET BLOTCH (MRMS)**



**SPOT FORM NET BLOTCH (s)**



**POWDERY MILDEW\* (MRMS/S)**



**LEAF RUST (s)**

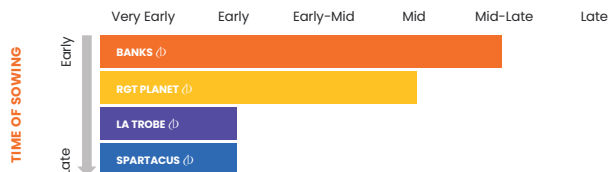


**SCALD (MSS)**



**MID-LATE FLOWERING TIME**

## TIME TO FLOWERING COMPARISON



EPR \$4.00/tonne GST Exclusive



## THE SMART FEED BARLEY WITH YIELD AND YIELD STABILITY IN ITS DNA.

ALTERNATIVE TO: COMPASS , LA TROBE , RGT PLANET  AND WESTMINSTER 



HEAD LOSS RISK: **LOW**



LODGING TOLERANCE: **STRONG**







GRAIN PLUMPNESS: **MODERATELY GOOD**



HECTOLITRE WEIGHT: **GOOD**

### Variety Overview

ROSALIND  is an exceptionally high yielding, mid-flowering, feed barley. ROSALIND  is a broadly adapted variety, performing very well across all rainfall zones, ideally suited to May sowings. It is an excellent option where there is a low probability of delivering malt barley, and yield and yield stability is the top priority. ROSALIND  has a robust disease resistance profile. It is resistant to CCN, offers good leaf rust resistance, powdery mildew (pathotype dependent) and net form of net blotch resistance. ROSALIND  has strong lodging tolerance, a low head loss risk and good physical grain characteristics including good grain size.

**ROSALIND  is available for farmer to farmer trade, or from local Seedclub members and resellers.**



EXCELLENT YIELD



NET FORM NET BLOTCH (MR)



SPOT FORM NET BLOTCH (SVS)



POWDERY MILDEW (MRMS/SVS)



CCN (R)



SCALD (S)

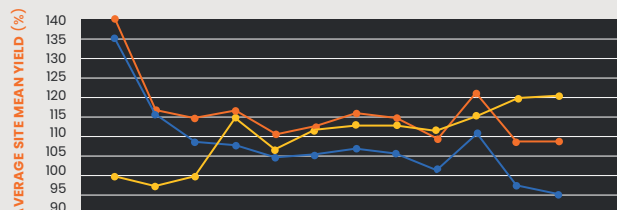


LEAF RUST (MRMS)



MID FLOWERING TIME

### YIELD

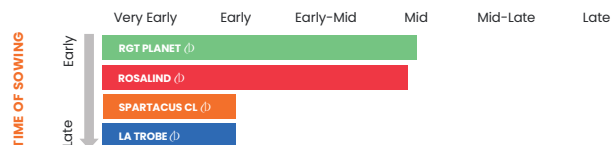


2014-18 NSW NVT MET yield performance, represented by yield environment as a % of site mean yield (Brackets indicate number of trials)

(Data accessed from the NVT Online website on 30/05/2019)

 ROSALIND   RGT PLANET   LA TROBE 

### TIME TO FLOWERING COMPARISON



EPR \$3.50/tonne GST Exclusive

# KINGBALE


HAY OAT







OATS

## Variety Overview

KINGBALE  is a world first IMI tolerant oaten hay variety.

KINGBALE  is a mid-flowering IMI tolerant oaten hay variety with improved tolerance to soil residual imidazolinone herbicides. It is an ideal variety for use where there are IMI residue concerns from previous crops.

KINGBALE  is a tall variety with good early vigour and is suitable for planting in the major hay growing regions of Australia. Preliminary data shows KINGBALE  has a similar disease and agronomic profile to WINTAROO  and indicates that it is resistant to CCN although, rust (likely susceptible) will require proactive management. Yield information is currently limited.

KINGBALE  is a single gene IMI tolerant variety. The original breeding work was undertaken by Grains Innovation Australia (GIA) and the line will be commercialised by InterGrain. The earliest date a full chemical registration for use in oaten hay production is March 2021 however, this is subject to 2019 field testing results and growers are advised that delays may occur.



YIELD



CCN (Rp)



MID  
FLOWERING  
TIME

# A NEW OAT DYNASTY!

ALTERNATIVE TO: CARROLUP , BRUSHER ,  
WINJARDIE  AND WINTAROO 



HAY OAT



VIGOUR: HIGH



HEIGHT:  
TALL



IMI TOLERANT:  
CHEMICAL REGISTRATION  
AND PERMIT APPLICATIONS  
ARE IN PROCESS



## Coming soon, one to watch DUAL PURPOSE IMI OAT



EARLY-MID  
FLOWERING  
TIME



DUAL  
PURPOSE  
OAT



IMI  
TOLERANT

› Dual purpose potential milling and domestic hay oat

› Potentially available for planting in 2021

› Early-mid flowering best suited to low-medium rainfall zones

› More information to come





Growing Together



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