100%
Australian & New Zealand Owned.

HSR
MAIZE HYBRID SEED RESEARCH

Hybrid Maize Seed Guide

2025 - 2026

HSR

MAIZE HYBRID SEED RESEARCH

About HSR Seeds

HSR Seeds has pioneered research and development in Australian and New Zealand agriculture for generations. We are one of the nation's leading producers of maize and popcorn seed.

We are proud to say that we are Australian and New Zealand-owned.

We aim to be easy to deal with, and our message for all our customers is that the proof is in the paddock – your paddock!

Our people and our products are our strength; we focus on developing dependable varieties that drive sustainable profit margins for our customers. We are a unique and compact company, promoting direct communication with our customers.

We listen to our customers with intent, to understand their challenges and the issues they face.

Real research

The only trial that counts is the one on your farm or one very close to you.

All of our research occurs on customer farms across Australia and New Zealand. In the paddock, down in the dirt where it matters.

H.I.T - Honesty in Trialling.

We source the best genetics from our global breeding partners. We believe there is no single leading breeding program; therefore, we gather suitable genetics from locations worldwide where we observe similar stresses to those in Australia and New Zealand.

We don't want "princess" hybrids. Our hybrids are selected to perform in less-than-perfect conditions. We want our hybrids to handle the environmental and management stresses that always arise.

Excellent production

We grow our seed in NSW, VIC, and New Zealand, spreading production risk to maximise supply confidence.

We are closely involved in all facets of supply, and we believe in what we do. We conduct the warm and cold tests on every bag. You can use the best planter, but without this information, you cannot plant accurately.

Vision and values of HSR

H = honest

S = solid

R = reliable

H.I.T Honesty in Trialling

Integrity

Profits stay in Australia and New Zealand and are driven back into our business.

Recommended planting windows

1	**Northern Australia (includes NQ, NT and Northern WA)**	March to July November to January
2	**QLD Central**	August to Mid-September January to February
3	**QLD Wide Bay and Burnett**	Late August to January
4	**QLD Darling Downs (including Western Downs)**	Late August to January
5	**Border Rivers and NSW Northern**	Late August to January
6	**NSW Liverpool Plains**	September to December
7	**QLD South East / NSW North Coast**	September to January
8	**NSW Central West**	September to January
9	**NSW Riverina**	Late September to December
10	**NSW Hunter Valley, Sydney Basin, Central, South Coast**	Late September to December
11	**NSW Southern / VIC Northern**	Late September to December
12	**VIC Gippsland**	October to December
13	**VIC Western Districts**	October to December
14	**TAS Northern**	October to December
15	**SA South East**	October to December
16	**WA Southern**	October to December

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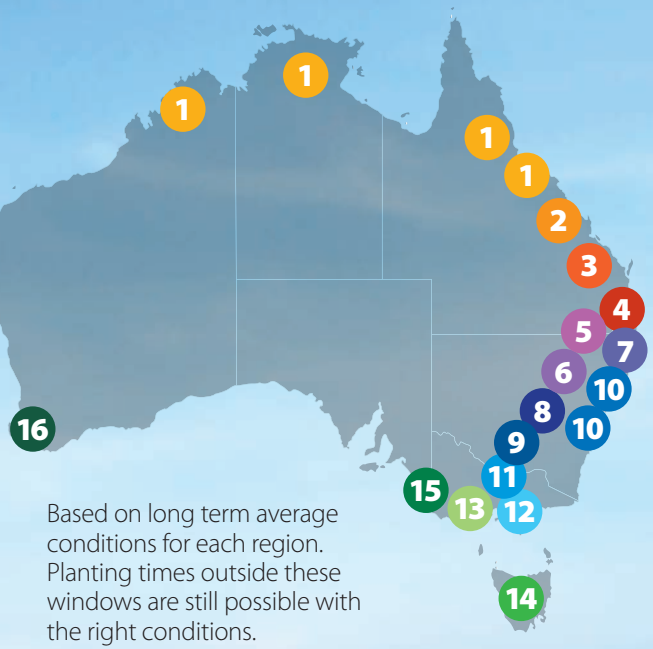

Based on long term average conditions for each region. Planting times outside these windows are still possible with the right conditions.

Contact your local HSR representative for more information.

Maize agronomy trait summary table

HYBRID * denotes IT option	CRM	PLANT HEIGHT	STRESS ADAPTABILITY	STAY GREEN	YIELD (Silage) FOR MATURITY	YIELD (Grain) FOR MATURITY	HUSK COVER	NORTHERN LEAF BLIGHT	COB ROT	RUST
TRITON	75	Tall	8	8	9	9	8	9	8	8
TITUS	78	Medium / short	8	6	7	8	7	7	8	8
ASTERIX	83	Medium	9	7	8	7	7	7	8	8
OBELIX	90	Tall	9	6	9	9	7	8	7	9
BOLT-IT*	96	Tall	8	8	9	9	8	8	8	9
ZEUS-IT*	100	Medium / tall	8	8	8	8	8	8	8	8
MAX TWO	100	Medium / tall	8	7	9	7	8	8	8	8
SPARTACUS	102	Tall	9	7	9	9	8	9	9	9
BRUTUS	105	Tall	9	9	9	8	9	9	9	9
GOLIATH	110	Tall	8	8	9	8	8	9	8	9
NERO-IT*	112	Tall	9	7	8	8	9	8	9	8
CERES	115	Medium / tall	9	9	9	9	8	8	9	9
ARIES	117	Tall	8	8	9	9	9	8	9	9
AMADEUS-IT*	118	Tall	9	9	8	8	9	9	9	9
ROMULUS	120	Tall	9	9	9	8	9	9	9	9

* denotes IT option

NEW

Triton

75 CRM

"Ultra-fast feed."

Excellent cob and tall leafy plant. This is an extremely quick silage maize or grain option for farms looking for a fast turnaround. It fills the void for growers who want a double crop. It performs exceptionally in cool climates and performs above its maturity level.

Variety use
Dual purpose silage or grain. Cold tolerant.

Yield potential
Excellent yields with solid disease package.

Plant height
Tall in height with a great root structure.

Grain type
Medium size, medium/hard grain, highly digestible feed grain. High starch content in grain and silage.

Silage yield (for maturity) 9

Grain yield (for maturity) 9

Trait scores

- **Stress adaptability** 8
- **Stalk strength** 9
- **Stay green** 8
- **Husk cover** 8
- **Leaf blight** 9
- **Cob rot** 8
- **Rust** 8

Planting populations (established)

Dryland below 600mm
Grain @ 25-40,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 40-75,000/ha
Silage @ 45-85,000/ha

Full irrigation
Grain @ 75-100,000/ha
Silage @ 85-100,000/ha

NEW

Titus

78 CRM

"Quick yields and widely adaptable."

Extremely quick silage maize or grain option. For the farmer who wants a quick turnaround. Good double crop option. Great under cool short seasons.

Variety use
Dual purpose silage or grain. Cold tolerant.

Yield potential
Excellent yields with solid disease package.

Plant height
Medium in height with a great root structure.

Grain type
Medium size, medium/hard grain, highly digestible feed. High starch content in grain and silage.

Silage yield (for maturity) 7

Grain yield (for maturity) 8

Trait scores

- **Stress adaptability** 8
- **Stalk strength** 8
- **Stay green** 6
- **Husk cover** 7
- **Leaf blight** 7
- **Cob rot** 8
- **Rust** 8

Planting populations (established)

Dryland below 600mm
Grain @ 25-40,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 40-75,000/ha
Silage @ 45-85,000/ha

Full irrigation
Grain @ 75-100,000/ha
Silage @ 85-100,000/ha

Asterix 83 CRM

"Tough, strong and great in the cold and heat."

Very quick silage. Excellent yielding/quality corn silage. Good double crop option.

Variety use
Dual purpose silage or grain. Cold tolerant.

Yield potential
Excellent yields with solid disease package.

Plant height
Medium in height with a solid root structure.

Grain type
Medium size, medium/hard grain, highly digestible feed grain. High starch content in grain and silage.

Silage yield (for maturity) 8

Grain yield (for maturity) 7

Trait scores

- Stress adaptability 9
- Stalk strength 9
- Stay green 7
- Husk cover 7
- Leaf blight 7
- Cob rot 8
- Rust 8

Planting populations (established)

Dryland below 600mm
Grain @ 25-40,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 40-75,000/ha
Silage @ 45-85,000/ha

Full irrigation
Grain @ 75-100,000/ha
Silage @ 85-100,000/ha

Obelix 90 CRM

"High starch silage and quick grain."

Quick feed grain and silage with rapid dry down. Strong erect plant with a large ear that suits both grain and silage production. For the grower who wants a quick turnaround with an excellent high-starch silage and grain yield. Genuinely punches above its maturity.

Variety use
Dual purpose silage or grain.

Yield potential
Great yields within a specific growing window.

Plant height
Tall with a large root structure for high water use efficiency.

Grain type
Large size, soft grain - highly digestible feed grain. High starch content in silage and grain.

Silage yield (for maturity) 9

Grain yield (for maturity) 9

Trait scores

- Stress adaptability 9
- Stalk strength 8
- Stay green 6
- Husk cover 7
- Leaf blight 8
- Cob rot 7
- Rust 9

Planting populations (established)

Dryland below 600mm
Grain @ 25-40,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 40-75,000/ha
Silage @ 45-85,000/ha

Full irrigation
Grain @ 75-100,000/ha
Silage @ 85-100,000/ha

NEW

Bolt-IT

96 CRM

"Fastest IT maize on the Australian market"

Greatly improved yield for its maturity. Excellent high end yields, Bolt-IT offers fantastic 'plasticity' (ability to adapt to the environment in which it is grown). High starch silage and grain.

NOTE: Please discuss IT herbicide options with your preferred agronomist.

Variety use Dual purpose silage or grain. IT option.	**Yield potential** Excellent top end yields with great plasticity.
Plant height Tall and straight plant structure.	**Grain type** Large size, medium grain, high starch. Bright yellow grain.
Silage yield (for maturity) 9	**Grain yield** (for maturity) 9

Trait scores

Stress adaptability	8
Stalk strength	9
Stay green	8
Husk cover	8
Leaf blight	8
Cob rot	8
Rust	9

Planting populations (established)

Dryland below 600mm
Grain and silage @ 20-35,000/ha

Dryland above 600m
Grain and silage @ 35-70,000/ha

Full irrigation
Grain and silage @ 70-95,000/ha

NEW

Zeus-IT

100 CRM

"Great pack – yield, starch, IT combination."

Greatly improved yield for its maturity. Impressive high end yields, Zeus-IT offers fantastic 'plasticity' (ability to adapt to the environment in which it is grown). Deep kernel drives starch yield.

NOTE: Please discuss IT herbicide options with your preferred agronomist.

Variety use Dual purpose silage or grain. IT option.	**Yield potential** Excellent top end yields with great plasticity.
Plant height Medium-tall and leafy plant structure.	**Grain type** Medium size, medium grain - high starch. Bright yellow grain.
Silage yield (for maturity) 8	**Grain yield** (for maturity) 8

Trait scores

Stress adaptability	8
Stalk strength	9
Stay green	8
Husk cover	8
Leaf blight	8
Cob rot	8
Rust	8

Planting populations (established)

Dryland below 600mm
Grain and silage @ 20-35,000/ha

Dryland above 600m
Grain and silage @ 35-70,000/ha

Full irrigation
Grain and silage @ 70-95,000/ha

Max Two 100 CRM

"High starch for high quality silage."

MaxTwo is an improvement on industry standards for silage. Big yields of high quality silage. Improved silage yield with significantly better grain content in this 100 CRM class. Deep, starchy kernels.

Variety use
Quick silage option with top end yields and high starch.

Yield potential
High end yields with an excellent disease package.

Plant height
Tall plant with large root structure for high WUE.

Grain type
Medium size, soft grain, highly digestible feed grain. High starch content in grain and silage.

Silage yield (for maturity) 9

Grain yield (for maturity) 7

Trait scores

- Stress adaptability 8
- Stalk strength 9
- Stay green 7
- Husk cover 8
- Leaf blight 8
- Cob rot 8
- Rust 8

Planting populations (established)

Dryland below 600mm
Grain @ 25-40,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 40-75,000/ha
Silage @ 45-85,000/ha

Full irrigation
Grain @ 75-100,000/ha
Silage @ 85-100,000/ha

Spartacus 102 CRM

"Strong performer for grain and silage."

Improved silage yield and much better grain yield. Very good disease package. Spartacus is very much an improvement on current industry standards. Punches above it maturity.

Variety use
Dual purpose silage or grain.

Yield potential
High end yields across all regions with good tolerance to rust and leaf blights.

Plant height
Tall leafy plant with large root structure for high WUE.

Grain type
Large size, medium grain - excellent choice for stockfeed.

Silage yield (for maturity) 9

Grain yield (for maturity) 9

Trait scores

- Stress adaptability 9
- Stalk strength 9
- Stay green 7
- Husk cover 8
- Leaf blight 9
- Cob rot 9
- Rust 9

Planting populations (established)

Dryland below 600mm
Grain @ 25-40,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 40-75,000/ha
Silage @ 45-85,000/ha

Full irrigation
Grain @ 75-100,000/ha
Silage @ 85-100,000/ha

Brutus 105 CRM

"Impressive medium quick silage option."

Tall, leafy starch. High-end silage or grain option.
Highly adaptable. Extremely high water use efficiency.
Tall plant with large cobs and bold 'dent' kernels.
Unmatched stay green for maturity.

Variety use
Silage or grain.

Yield potential
Excellent yields with unbelievable disease package.

Plant height
Tall plant with large root structure for high WUE.

Grain type
Large size, soft grain, highly digestible feed grain. High starch content in grain and silage.

Silage yield (for maturity) 9

Grain yield (for maturity) 8

Trait scores

Stress adaptability	9
Stalk strength	9
Stay green	9
Husk cover	9
Leaf blight	9
Cob rot	9
Rust	9

Planting populations (established)

Dryland below 600mm
Grain @ 20-35,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 35-70,000/ha
Silage @ 45-85,000/ha

Full irrigation
Grain @ 70-95,000/ha
Silage @ 85-100,000/ha

Goliath 110 CRM

"Excellent silage and mid-season grain."

Consistent solid yields of silage and feed grain.
Highly adaptable. Tall plant with large cob and bold 'dent' kernels. Ideal alternative for a full-season silage crop.
Good balance between stay green and dry down.

Variety use
Silage or grain.

Yield potential
Excellent yields and overall agronomic package.

Plant height
Tall plant with large root structure for high water use efficiency.

Grain type
Large size soft grain kernels providing readily available starch for effective digestion.

Silage yield (for maturity) 9

Grain yield (for maturity) 8

Trait scores

Stress adaptability	8
Stalk strength	9
Stay green	8
Husk cover	8
Leaf blight	9
Cob rot	8
Rust	9

Planting populations (established)

Dryland below 600mm
Grain @ 20-35,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 35-70,000/ha
Silage @ 45-80,000/ha

Full irrigation
Grain @ 70-95,000/ha
Silage @ 80-95,000/ha

Nero-IT 112 CRM

"Solid all-rounder offering IT flexibility."

Offers an excellent yield for its maturity. Fits well as a solid mid-season IT maize hybrid. Nero-IT offers fantastic 'plasticity' (ability to adapt to environments in which it is grown). Highly adaptable.

NOTE: Please discuss IT herbicide options with your preferred agronomist.

Variety use
Grain and silage.
IT option.

Yield potential
Excellent top end yields with great plasticity.

Plant height
Tall and straight plant structure.

Grain type
Large size, medium grain, high starch. Bright yellow kernels. Suitable 'Prime' quality for export.

Silage yield (for maturity) 8

Grain yield (for maturity) 8

Trait scores

- Stress adaptability 9
- Stalk strength 9
- Stay green 7
- Husk cover 9
- Leaf blight 8
- Cob rot 9
- Rust 8

Planting populations (established)

Dryland below 600mm
Grain and silage @ 20-35,000/ha

Dryland above 600m
Grain and silage @ 35-70,000/ha

Full irrigation
Grain and silage @ 70-95,000/ha

Ceres 115 CRM

"Top end yield with mid maturity."

Bred for yield, strong vigour and disease tolerance. Produces long cobs of high-quality grain. Offers top-end yield under both dryland and irrigated conditions.

Variety use
Grain and silage

Yield potential
Excellent yields with strong disease package.

Plant height
Medium tall and robust plant structure. Very leafy.

Grain type
Large size, medium 'Prime' grain. Holds grain size under stress.

Silage yield (for maturity) 9

Grain yield (for maturity) 9

Trait scores

- Stress adaptability 9
- Stalk strength 9
- Stay green 9
- Husk cover 8
- Leaf blight 8
- Cob rot 9
- Rust 9

Planting populations (established)

Dryland below 600mm
Grain @ 20-35,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 35-75,000/ha
Silage @ 45-80,000/ha

Full irrigation
Grain @ 65-90,000/ha
Silage @ 80-95,000/ha

NEW

Aries 117 CRM

Aries is a full-season maturity, high yielding silage and grain option.

It is highly adaptable to all full-season maturity growing regions. Aries has very high yield potential and will hold grain size under stress.

Variety use
Silage or grain.

Yield potential
Excellent yields and overall agronomic package.

Plant height
Tall leafy plant.
Very strong stalk strength.

Grain type
Large size, medium/hard grain suitable for stockfeed.

Silage yield (for maturity) 9

Grain yield (for maturity) 9

Trait scores

Stress adaptability	8
Stalk strength	9
Stay green	8
Husk cover	9
Leaf blight	8
Cob rot	9
Rust	9

Planting populations (established)

Dryland below 600mm
Grain @ 20-35,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 35-70,000/ha
Silage @ 45-80,000/ha

Full irrigation
Grain @ 70-95,000/ha
Silage @ 80-95,000/ha

Amadeus-IT 118 CRM

"Exceptional yields across all environments."

Extreme stress and disease adaptability. Fantastic yield for its maturity. Full season flint 'gritting' maize. Produces high-quality 'gritting' grain and silage yields. Tough, tough, tough.

NOTE: Please discuss IT herbicide options with your preferred agronomist.

Variety use
Grain and silage.
Stress adaptable IT option.

Yield potential
Excellent yields with great disease package.

Plant height
Very tall and erect plant with large root structure.

Grain type
Large size, hard grain, bright yellow/ orange kernels.
Ability to 'grit'- suited for milling.

Silage yield (for maturity) 8

Grain yield (for maturity) 8

Trait scores

Stress adaptability	9
Stalk strength	9
Stay green	9
Husk cover	9
Leaf blight	9
Cob rot	9
Rust	9

Planting populations (established)

Dryland below 600mm
Grain @ 20-35,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 35-75,000/ha
Silage @ 45-80,000/ha

Full irrigation
Grain @ 65-90,000/ha
Silage @ 80-95,000/ha

Romulus 120 CRM

Romulus is a full-season maturity, high yielding silage and grain option. It is a tall and vigorous plant with large cobs and kernels.

Romulus is highly adaptable to stress environments with drought, heat and disease. Very strong standability and will hold grain size under stress.

Variety use
Silage or grain.

Yield potential
Excellent yields and overall agronomic package.

Plant height
Tall leafy plant. Very strong stalk strength.

Grain type
Large size, medium/hard grain suitable for stockfeed.

Silage yield (for maturity) 9

Grain yield (for maturity) 8

Trait scores

Stress adaptability	9
Stalk strength	9
Stay green	9
Husk cover	9
Leaf blight	9
Cob rot	9
Rust	9

Planting populations (established)

Dryland below 600mm
Grain @ 20-35,000/ha
Silage @ 30-45,000/ha

Dryland above 600m
Grain @ 35-70,000/ha
Silage @ 45-80,000/ha

Full irrigation
Grain @ 70-95,000/ha
Silage @ 80-95,000/ha

Notes

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Contact one of our HSR Seeds sales team

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To access our full variety tech sheets, as well as other relevant HSR Seeds information – please refer to

www.hsrseeds.com.au

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