PIONEER®
BRAND · SEEDS

SUMMER CROP
Hybrid Guide

2023 – 2024

Get it right at the source this season.

View our hybrids online

Use your smartphone to scan the code

Pioneer® brand seeds are produced and distributed in Australia by **GenTech Seeds**, a **Yates** Family Business

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pioneerseeds.com.au

WHAT YOU **SEED** IS WHAT **YOU GET**

PIONEER®
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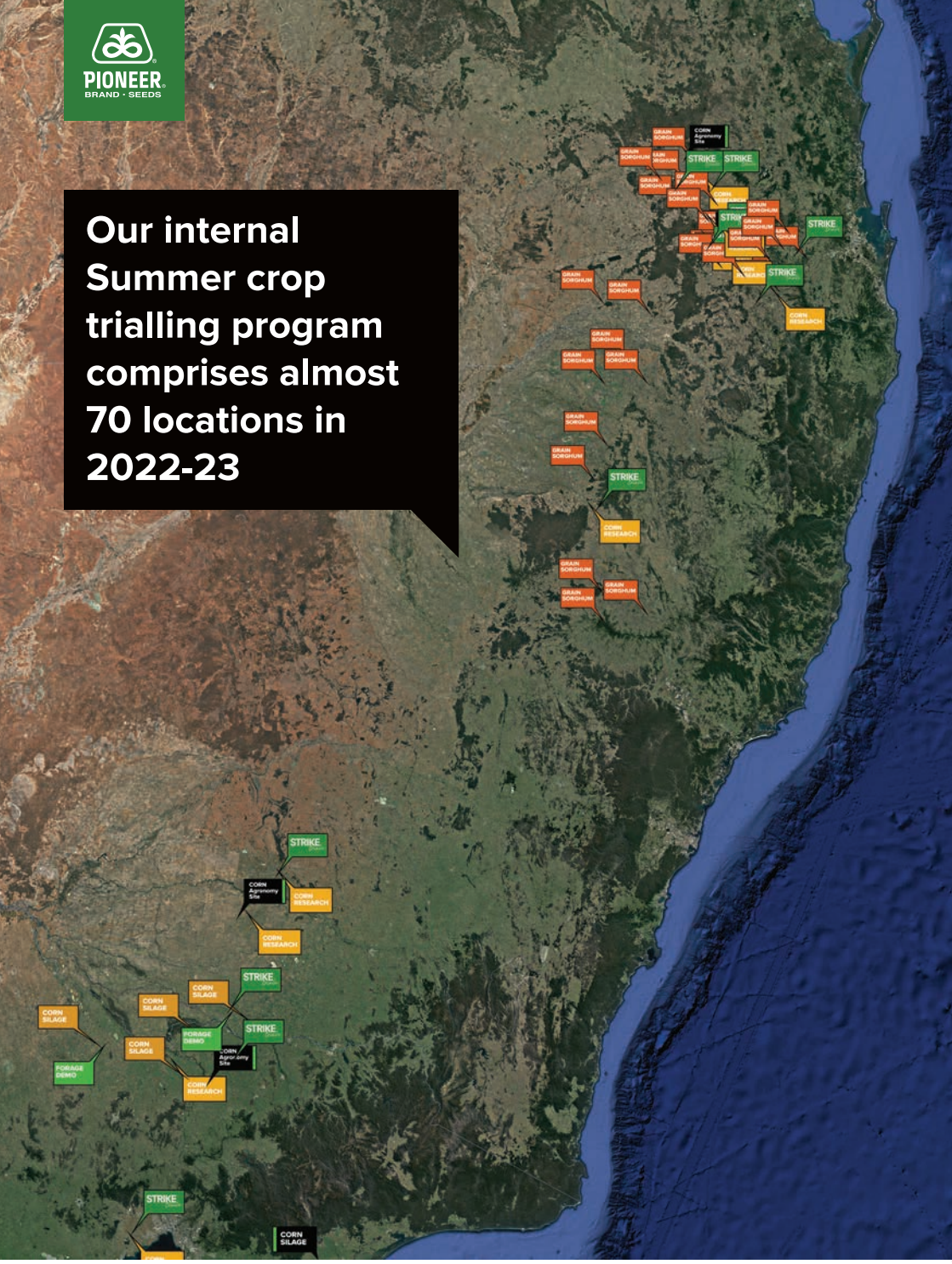
Our internal Summer crop trialling program comprises almost 70 locations in 2022-23



A global seed brand with a focus on local research and development.

Over the past 40 years, Pioneer research technicians, contractors and local farmers have planted thousands of hybrid plots in trials across Australia. So you can be confident that when you see Pioneer® brand hybrids winning in your paddock, it's because they have made it through the most rigorous testing programme in the industry.

Trials conducted by the Pioneer research and STRIKE (Seed Technology Research in Key Environments) team around the country each season help determine which products to advance and provide growers the opportunity to attend field walks to view new hybrids. They also allow the team to gain knowledge of the hybrids in your growing region.

8 key steps to our successful research programme

1 – HYBRID SELECTION
Firstly, new hybrids are tested in Research Trials. These replicated small plot trials are located at approximately 26 sites around the country each year. The key is testing hybrids on-farm, over multiple years, in the same conditions that farmers would experience. When we test multiple hybrids, over multiple locations and seasons, we can pick the best ones to re-test the next season.

2 – PLANNING
Many of the experimental hybrids don't progress beyond the research stage because their yield and agronomic characteristics are no better than existing commercial hybrids. The handful of hybrids that show improved performance in research trials move to STRIKE (Seed Technology Research In Key Environments) trials, of which there are approximately 40 plus trial locations each year.

3 – PLANTING
Pioneer field technicians plant each on-farm trial according to strict protocols. The STRIKE program is an industry leader because of the design of the trials.

It's a replicated, randomised trial design with diagonal check hybrids entered throughout the trial, ensuring the data is accurate and not affected by paddock variation, or other variables.

4 – MONITORING
STRIKE trials are where hybrids are really put to the test in multiple trials in defined growing regions. They are tested and monitored in real-life situations that allow the STRIKE team to gather useful information about every aspect of the hybrid. New hybrids planted in Research and STRIKE trials are carefully observed and their performance is rated for a broad range of plant performance characteristics such as standability, disease resistance, grain quality and yield.

5 – HARVESTING
STRIKE trials are harvested using specialised STRIKE equipment which collects yield, moisture and test weight data.

6 – ANALYSIS
Experimental hybrids that offer real advantages over existing commercial products are identified for local seed production and commercialisation.

7 – RESULTS PUBLISHED
Every individual trial co-operator receives information about their STRIKE results in discussion with their local Pioneer Territory Manager. Data from STRIKE trials also assists local Pioneer Territory Sales Managers to help growers plant the right product in the right paddock.

8 – TO MARKET
The highest performing experimental Pioneer brand hybrids are identified in STRIKE trials, and only the best new candidate hybrids are advanced. Both extensive observation and performance data collected over several seasons is used to support the decision to commercially release new, higher performing hybrids to growers.

Summer Crop Contents

Recommended for me

SCAN FOR MORE INFO

GRAIN SORGHUM

A88

MEDIUM-LONG MATURITY

Get set to be impressed!

From establishment, A88 looks the goods and backs it up with top end yields. A88 has proven itself as a market leader for yield across all environments.

Key Features

- ✓ Early seedling vigour maximises field establishment
- ✓ Aggressive vegetative vigour sets the plant up with early growth without forsaking yield
- ✓ Large open primary head proven to deliver the best yield potential
- ✓ Large grain size means fewer screenings and higher test weights
- ✓ Very good standability means more grain presented to the header

Agronomic Profile

Head exertion 6

Height uniformity 7.5

Stalk lodging charcoal* 7.5

Stalk lodging drought* 8

Midge resistance 4

Harvest grain dry down 8

Tillering 6

Grain size 8

Early seedling vigour 7

Pollen score 7

Poor (1) - Excellent (9)

* Lodging results averaged from a minimum of six consecutive years of results.

PIONEER® BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

GRAIN SORGHUM

A14

MEDIUM MATURITY

The steadfast hybrid for sustained performance season-on-season.

This hybrid has an impressive track record and long-time growers trust A14 for consistency of yield year on year.

Key Features

- ✓ Well known for reliable yield potential and consistent high returns
- ✓ Consistently performs in the paddock across a variety of growing conditions
- ✓ Uniform appearance for ease of harvest management
- ✓ Quality grain – large grain size, low screenings and desirable colour

Agronomic Profile

Head exertion 6.5

Height uniformity 8

Stalk lodging charcoal* 6

Stalk lodging drought* 6

Midge resistance 6

Harvest grain dry down 7

Tillering 7

Grain size 7

Early seedling vigour 5.5

Pollen score 7

Poor (1) - Excellent (9)

* Lodging results averaged from a minimum of six consecutive years of results.

Recommended for me

SCAN FOR MORE INFO

GRAIN SORGHUM

A66

MEDIUM-QUICK MATURITY

A high yielding mid-maturing all rounder which is highly adaptable.

A66 is the 'go to' hybrid for all grain sorghum farmers who want yield security. With a safe package of traits, A66 is an honest hybrid that offers ease of harvest.

Key Features

- ✓ Good sized and coloured grain delivers a premium product desired by end-user markets – with fewer screenings and higher test weights
- ✓ Large well exerted primary head provides yield security in tough grain fill conditions, and ease of harvest
- ✓ Even tillering provides even maturity at harvest
- ✓ Very good standability means more grain presented to the header to harvest
- ✓ Good harvest drydown gets headers in the paddock sooner

Agronomic Profile

Head exertion 7.5

Height uniformity 7

Stalk lodging charcoal* 8

Stalk lodging drought* 8

Midge resistance 7

Harvest grain dry down 8

Tillering 5.5

Grain size 8

Early seedling vigour 7

Pollen score 7

Poor (1) - Excellent (9)

* Lodging results averaged from a minimum of six consecutive years of results.

PIONEER BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

GRAIN SORGHUM

A75

MEDIUM MATURITY

MIDGE TESTED 6

Even finisher offering yield opportunity.

To maximise returns from grain sorghum, plant A75 into better dryland or irrigation country. Known for it's even tillering, A75 will give you yield increase in great seasons but will also look after you when the season finishes on a tougher note.

Key Features

- ✓ High, even tillering delivers high yield opportunity with even maturity for harvest
- ✓ Very good grain size reduces screenings and maximises test weight results
- ✓ High plant vigour ensures reliable plant establishment and root growth
- ✓ Good standability means more grain presented to the header to harvest
- ✓ Good harvest drydown gets headers in the paddock quicker

Agronomic Profile

Head exertion ●●●●●●○○○ 6

Height uniformity ●●●●●●●●○ 8

Stalk lodging charcoal* ●●●●●●●●○ 8

Stalk lodging drought* ●●●●●●●◐○ 7.5

Midge resistance ●●●●●●○○○ 6

Harvest grain dry down ●●●●●●●○○ 7

Tillering ●●●●●●●●○ 8

Grain size ●●●●●●●●● 9

Early seedling vigour ●●●●●●●○○ 7

Pollen score ●●●●●●●○○ 7

Poor (1) - Excellent (9)

* Lodging results averaged from a minimum of six consecutive years of results.

Recommended for me

SCAN FOR MORE INFO

GRAIN SORGHUM

G33

MEDIUM-QUICK MATURITY

When the going gets tough, growers rely on G33.

Don't be fooled by this fighter; G33 has proven to yield higher if environmental conditions are right. A safe and reliable inclusion in each grain sorghum cropping program.

Key Features

- ✓ Quick maturity to optimise the yield on plant available moisture
- ✓ Proven track record for stress tolerance, yielding in drier conditions
- ✓ A shorter growth habit gives plant structural stability that aids standability
- ✓ Best pollinator gives G33 the ability to withstand impacts such as ergot and heat to produce grain in adverse conditions
- ✓ Has moderate to high tillering enabling it to yield higher if environmental conditions permit

Agronomic Profile

Head exertion 6

Height uniformity 8.5

Stalk lodging charcoal* 8.5

Stalk lodging drought* 8

Midge resistance 6

Harvest grain dry down 8.5

Tillering 6.5

Grain size 7

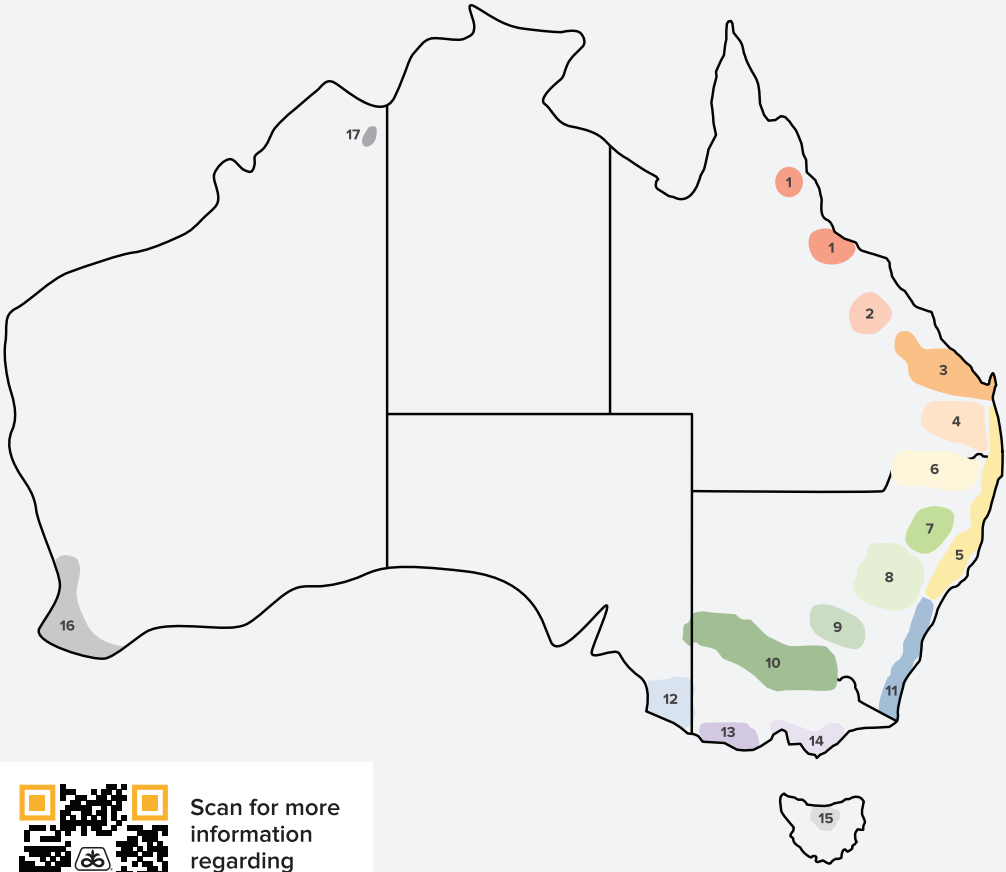
Early seedling vigour 7

Pollen score 8

Poor (1) - Excellent (9)

* Lodging results averaged from a minimum of six consecutive years of results.

Corn Optimum Planting Times*



Scan for more information regarding Pioneer corn hybrids

* Based on long term average conditions for each region. Planting times outside these windows are still possible with the right conditions. Contact your local Pioneer representative for more info.

1	North Australia includes North QLD, NT and WA	Mar to Jul & Nov to late-Jan
2	Central QLD	Aug to mid Sept & mid-Jan to late-Feb
3	Wide Bay and Burnett	Late-Aug to Oct & late-Nov to mid-Jan
4	Darling Downs and Western Downs	Late-Aug to Oct & Dec to mid-Jan
5	South East QLD and North Coast NSW	Sept to Oct & Dec to early-Jan
6	Border Rivers and Northern NSW	Mid-Aug to late-Sept & Dec to early-Jan
7	Liverpool Plains	Mid-Sept to mid-Nov
8	Central West NSW	Sept to Oct & Dec to early-Jan
9	Riverina	Late-Sept to Nov
10	Northern VIC and Southern NSW	Oct to Nov (grain) & Oct to Dec (silage)
11	Hunter Valley, Sydney Basin, Central & South coast NSW	Oct to Dec
12	South East of SA	Mid-Oct to mid-Dec
13	Western Districts of VIC	Oct to Dec
14	Gippsland	Oct to Dec
15	Northern TAS	Oct to Dec
16	Southern WA	Oct to Dec
17	Northern WA	Mar to Jul

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Recommended for me

SCAN FOR MORE INFO

CORN

P2307

CRM 123 | Full Season | Silage and coastal grain specialist

Full season silage and coastal grain specialist.

Growers are often impressed at the resilience of Pioneer® hybrid P2307.

Best uses: Silage and grain

- ✓ A tall plant with excellent silage yield
- ✓ High tolerance to Northern Leaf Blight
- ✓ Exceptional late season plant health
- ✓ Hard textured, flinty grain
- ✓ Ideal for coastal and northern regions as well as high yielding silage production areas

Agronomic Profile

Grain yield for maturity
●●●●●●●○○ 7

Husk cover
●●●●●●●●● 9

Plant height
●●●●●●●●● 9

Cob rot resistance
●●●●●●●○○ 7

Dryland adaptability
●●●●●●●○○ 7

Northern Leaf Blight
●●●●●●●●● 9

Silage yield for maturity
●●●●●●●●● 9

Staygreen
●●●●●●●●● 9

Whole plant digestibility
●●●●●●●○○ 7

Poor (1) - Excellent (9)

Recommended for regions

1 2 3 4 5 6 7 8 9 11

SCAN FOR MORE INFO

CORN

P1837

CRM 118 | Full Season | Processing or feed grain and silage

A high yielding versatile hybrid.

P1837 is an Australian bred high yielding 118 CRM Processing, feed grain or silage hybrid. In our national STRIKE testing program P1837 has shown excellent grain yield being 5.6% higher than P1756.

P1837 is a companion plant to P1756 and ideally suited to the Australian processing market.

Best uses: Processing, silage or feed grain

- ✓ P1837 has a very wide area of adaptability being able to be grown from Southern NSW to Northern Australia
- ✓ Delivers exceptional grain yield in all production regions
- ✓ Exceptional defensive package in this hybrid with excellent scores for Northern Leaf Blight and Fusarium

Agronomic Profile

Grain yield for maturity ●●●●●●●●● 9

Husk cover ●●●●●●●●○ 8

Plant height ●●●●●●●●○ 8

Cob rot resistance ●●●●●●●●○ 8

Dryland adaptability ●●●●●●●●○ 8

Northern Leaf Blight ●●●●●●●○○ 7

Silage yield for maturity ●●●●●●●●○ 8

Staygreen ●●●●●●●●○ 8

Whole plant digestibility ●●●●●●●●○ 8

Poor (1) - Excellent (9)

Recommended for regions

1 2 3 4 5 6 7 8 9 10 17

PIONEER
BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

CORN

P1756

CRM 117 | Full Season | Processing or feed grain and silage

High yielding processing hybrid.

Pioneer® hybrid P1756 is a 117CRM corn hybrid uniquely bred in Australia for the Australian corn processing market and the Asian export markets.

P1756 exhibits excellent stalk strength and is suited to both dryland and irrigation areas. Since its release in 2014 P1756 has quickly grown to be the number one processing corn hybrid in the Australian market winning the Australian Maize Association National Crop competition 2016/2017 in the irrigated category.

It can also be used for silage and with its excellent grain qualities produces high quality silage.

Best uses: Processing, feed grain or silage

- ✓ A unique Australian-bred corn developed for processing markets
- ✓ Suitable for irrigation or dryland
- ✓ Good disease tolerance
- ✓ Excellent stalk strength
- ✓ High quality grain
- ✓ Suited for early or late plant in most regions

Agronomic Profile

Grain yield for maturity ●●●●●●●●● 9

Husk cover ●●●●●●●○○ 7

Plant height ●●●●●●○○○ 6

Cob rot resistance ●●●●●●●○○ 7

Dryland adaptability ●●●●●●●●○ 8

Northern Leaf Blight ●●●●●●○○○ 6

Silage yield for maturity ●●●●●●●●○ 8

Staygreen ●●●●●●●○○ 7

Whole plant digestibility ●●●●●●●●○ 8

Poor (1) - Excellent (9)

Recommended for regions

1 2 3 4 5 6 7 8 9 10 17

SCAN FOR MORE INFO

CORN

P1481

CRM 114 | Mid Season | Silage and feed grain

Pioneer® hybrid P1481 is a true dual-purpose corn hybrid suited to feed or silage production and has been bred in Australia for adaptability to the tough Australian conditions.

P1481 is a hybrid packed with advanced genetics and traits that has been developed for its exceptional grain yield in all Australian environments. Silage growers will enjoy the additional advantages brought from the excellent plant structure and staygreen. P1481 exhibits outstanding drought tolerance and well-round disease package, making this hybrid the number one feed/silage hybrid in Australia.

Best uses: Silage and feed grain

- ✓ Pioneer's new leader for feed-grain and silage yield performance
- ✓ New genetics bring a robust trait combination of stalk strength, drought tolerance, NLB & cob rot resistance
- ✓ Exceptional silage yields while maintaining high quality
- ✓ Excellent staygreen
- ✓ Adaptable across all growing regions, dryland and irrigation

Agronomic Profile

Grain yield for maturity ●●●●●●●●●○ 9

Husk cover ●●●●●●●●○○ 8

Plant height ●●●●●●●●○○ 8

Cob rot resistance ●●●●●●●○○○ 7

Dryland adaptability ●●●●●●●●●○ 9

Northern Leaf Blight ●●●●●●●○○○ 7

Silage yield for maturity ●●●●●●●●●○ 9

Staygreen ●●●●●●●●○○ 8

Whole plant digestibility ●●●●●●●●○○ 8

Poor (1) - Excellent (9)

Recommended for regions

1 2 3 4 5 6 7 8 9 10 17

PIONEER BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

CORN

P1315-IT

CRM 113 | Mid Season | Processing or feed grain and silage hybrid

High yielding mid-season multi-use hybrid.

A high yielding mid-season multi-use hybrid suited to processing, feed grain or silage, P1315-IT has the added benefit of Imidazolinone tolerance for better weed control.

Best uses: Processing, feed grain or silage

- ✓ A uniquely Australian bred hybrid developed for the Australian market with the addition of Imidazolinone tolerance for better weed control
- ✓ High yielding trials have proven this hybrid to perform exceptionally well
- ✓ Suitable for irrigation or dryland farming enterprises
- ✓ Excellent resistance to Fusarium Ear Rot
- ✓ With a combination of excellent stalk strength, stay-green and dryland suitability makes this hybrid a perfect fit for either an early or late planting window

Agronomic Profile

Grain yield for maturity ●●●●●●●●● 9

Husk cover ●●●●●●●●○ 8

Plant height ●●●●●●●●● 9

Cob rot resistance ●●●●●●●●○ 8

Dryland adaptability ●●●●●●●●○ 8

Northern Leaf Blight ●●●●●●●○○ 7

Silage yield for maturity ●●●●●●●●○ 8

Staygreen ●●●●●●●●○ 8

Whole plant digestibility ●●●●●●●●○ 8

Poor (1) - Excellent (9)

Recommended for regions

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SCAN FOR MORE INFO

CORN

P0937

CRM 109 | Mid Season | Silage and feed grain

P0937 has exceptional early growth, very appealing modern plant type, with low ear placement, erect leaves, notable standability and sound husk cover.

Combines superior dryland, Northern Leaf Blight and Rust trait ratings which together contribute to season long plant health. A widely adapted hybrid delivering a step-change increase in grain yield performance in this maturity.

Best uses: Silage and feed grain

- ✓ Modern plant type with erect leaves, notable foliar health, standability and exceptional staygreen
- ✓ Stable yet high yielding hybrid for silage and grain
- ✓ Superior Northern Leaf Blight and Rust resistances
- ✓ Strong early growth and good stress tolerance

Agronomic Profile

Grain yield for maturity ●●●●●●●●● 9

Husk cover ●●●●●●●●○ 8

Plant height ●●●●●●●●○ 8

Cob rot resistance ●●●●●●●●○ 8

Dryland adaptability ●●●●●●●●○ 8

Northern Leaf Blight ●●●●●●●○○ 7

Silage yield for maturity ●●●●●●●●● 9

Staygreen ●●●●●●●○○ 7

Whole plant digestibility ●●●●●●●●● 9

Poor (1) - Excellent (9)

Recommended for regions

1 2 3 4 5 6 7 8 9 10 11 12 17

PIONEER® BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

CORN

P9911

CRM 99 | Short Season | Silage and feed grain

An impressive hybrid all round.

For grain growers P9911 has an outstanding grain yield with a quick dry down for field dried grain. Silage growers will benefit from the tall strong plant structure to provide an excellent silage yield, stacked with high grain content. This is an impressive all round hybrid with excellent drought tolerance for dryland growers.

Best uses: Silage and grain

- ✓ A quick season dual purpose hybrid
- ✓ Excellent grain yield for maturity; ideal option for grain growers in cooler regions aiming for field dry down
- ✓ Excellent staygreen to maximise silage starch content
- ✓ A key maturity option in the Pioneer corn range providing growers more yield in all conditions
- ✓ A tall, impressive plant with unmatched silage performance and yield stability
- ✓ Combines the best of bulk and energy for maximum milk productivity
- ✓ Outstanding dryland adaptability

Agronomic Profile

Grain yield for maturity ●●●●●●●●● 9

Husk cover ●●●●●●○○○ 6

Plant height ●●●●●●●●○ 8

Cob rot resistance ●●●●●○○○○ 5

Dryland adaptability ●●●●●●●●● 9

Northern Leaf Blight ●●●●●○○○○ 5

Silage yield for maturity ●●●●●●●●● 9

Staygreen ●●●●●●●●● 9

Whole plant digestibility ●●●●●●●●○ 8

Poor (1) - Excellent (9)

Recommended for regions

8 9 10 11 12 13 14 15 16

SCAN FOR MORE INFO

CORN

P9127

CRM 91 | Short Season | Silage and feed grain

A new and exciting dual purpose hybrid.

P9127 is an Australian bred high yielding 91 CRM feed grain or silage hybrid.

Best uses: Silage and grain

- ✓ Feed or silage hybrid
- ✓ A good defensive package
- ✓ Good silage qualities for starch and whole plant digestibility
- ✓ Excellent grain yield for maturity

Agronomic Profile

Grain yield for maturity
●●●●●●●●● 9

Husk cover
●●●●●●●●○ 8

Plant height
●●●●●●●○○ 7

Cob rot resistance
●●●●●●○○○ 6

Dryland adaptability
●●●●●●●○○ 7

Northern Leaf Blight
●●●●●○○○○ 5

Silage yield for maturity
●●●●●●●●○ 8

Staygreen
●●●●●●●●○ 8

Whole plant digestibility
●●●●●●●●● 9

Poor (1) - Excellent (9)

Recommended for regions

10[1] 11[2] 12[3] 13 14 15

1, 2, 3 – some parts of these regions.
Consult your local Pioneer representative.

PIONEER BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

CORN

P8500

CRM 85 | Short Season | Silage and feed grain

Ultra quick maturing for southern coastal or Tasmanian regions.

P8500 is an excellent option for quick grain and silage regions.

Best uses: Silage and grain

- ✓ Excellent option for quick grain and silage regions
- ✓ Offers the option for quick feed in double cropping programs
- ✓ High grain yield for maturity
- ✓ Excellent defensive traits
- ✓ Excellent starch content and whole plant digestibility for maturity

Agronomic Profile

Grain yield for maturity ●●●●●●●●● 9

Husk cover ●●●●●●●●○ 8

Plant height ●●●●●●●●○ 8

Cob rot resistance ●●●●●●●●○ 8

Dryland adaptability ●●●●●●●●○ 8

Northern Leaf Blight ●●●●●●●○○ 7

Silage yield for maturity ●●●●●●●●○ 8

Staygreen ●●●●●●●●○ 8

Whole plant digestibility ●●●●●●●●○ 8

Poor (1) - Excellent (9)

Recommended for regions

13 14 15

SCAN FOR MORE INFO

CORN

P1477W

CRM 114 | Speciality | Dual Purpose / Grain / Silage

Multi-purpose white grain suited to processing, feed (poultry) and silage.

P1477W is a multi purpose white grain corn hybrid. Its grain is suited to the processing market where white grain is required. P1477W is also suited to the stock feed markets such as poultry and feedlots. It can also be used in silage production as STRIKE trials have proven excellent feed quality from P1477W.

Key Features

- ✓ Exceptional white grain hybrid now recommended as the best hybrid for the white grain segment
- ✓ Tall, erect modern plant type with excellent standability
- ✓ Excellent staygreen combined with exceptional late season health for a wide harvest window
- ✓ Very good overall disease package: NLB (7), Rust (6), Eyespot (7), Fusarium (6)

Agronomic Profile

Grain yield for maturity ●●●●●●●●● 9

Husk cover ●●●●●●○○○ 6

Plant height ●●●●●●●○○ 7

Cob rot resistance ●●●●●●○○○ 6

Northern Leaf Blight ●●●●●●●○○ 7

Silage yield for maturity ●●●●●●●●○ 8

Staygreen ●●●●●●●●○ 8

Poor (1) - Excellent (9)

Recommended for regions

1 2 3 4 5 6 7 8 9 10 11 12 17

You get back what you put in. Put in Pioneer®.

Pioneer Brand corn hybrids are developed and tested in local conditions to ensure they represent superior products to what is currently available. Our hybrid corn varieties have long been trusted for quality grain & silage with something to offer farmers in all regions and cropping environments across Australia.

Feed.


PIONEER
SILAGE inoculant
11C33
PIONEER
NUTRIVAIL
11CFT
PIONEER
BRAND
CORN
SEED

PIONEER® BRAND · SEEDS

SUMMER FORAGE

SSS Super Sweet Sudan

Sweet Sudan x Sudan Grass

A unique Australian product, bred for Aussie conditions

Super Sweet Sudan (SSS) hybrid is quick to graze and sustains multiple and intensive grazings. SSS produces high quality hay and round bale silage suitable for sheep and cattle. Adaptable to an early or late planting. Studies have shown sudans pose a lower risk of prussic acid toxicity than sorghum type forages.

Best uses: Grazing, hay, round bale silage

Key Features

- ✓ Exceptional quick regrowth allows multiple cuts and grazings throughout the season
- ✓ Super fine stems deliver exceptional hay quality and bale-wrapped silage, and is suitable for grazing by all stock types
- ✓ Low prussic acid potential means SSS is a safer option than sorghum type forages
- ✓ Has a prolific tillering habit ensuring the ability to increase biomass production quickly after grazing or cutting
- ✓ Super sweet leaf and stem mean SSS is highly palatable at all stages of growth giving better utilisation by all stock

Agronomic Profile

Early seedling vigour
●●●●●●●●○ 8

Beef grazing
●●●●●●●●● 9

Dairy grazing
●●●●●●●●● 9

Sheep grazing
●●●●●●●●● 9

Hay making
●●●●●●●●● 9

Fast feed
●●●●●●●●● 9

Late Summer/carry over feed
●●●●●●●○○ 7

Pit silage
●●●●○○○○○ 5

Round bale silage
●●●●●●●●● 9

Poor (1) - Excellent (9)

SCAN FOR MORE INFO

Success with SSS Checklist

- **Water quality:** The better the water quality, the higher the performance of the crop.
- **Soil temperature:** 15°C and rising for a minimum of three days before sowing.
- **Seeding equipment:** Combine, pasture planter or air seeder recommended.
- **Seeding depth:** Sow at 3 cm into moisture with press wheels or field roller.
- **Nutrition:** A high base of fertility will maximise production. Best practice is to do a soil test prior to planting.
- **Weed control:** Reduce weed pressure during the establishment phase of the crop.
- **First cut or graze:** At 50 to 80 cm high down to 8 to 10 cm, to encourage high tillering, fine stems and leafy regrowth.
- **Prussic acid:** Can be heavily influenced by grower management. SSS is a sudan hybrid, which means it has a lower potential for prussic acid production.

PIONEER® BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

SUMMER FORAGE

Betta Graze

Sorghum x Sudan Grass

First to plant, first to feed

Excellent recovery from grazing or cutting, the fast growing nature of Betta Graze and its early seedling vigour, mean it is the first forage sorghum you can plant and the first you can feed to any type of livestock. Betta Graze is highly palatable and is highly suited to general grazing, hay production and round bale silage.

Best uses: Grazing, hay, round bale silage

Key Features

- ✓ First to plant for early summer feed due to it's early seedling vigour
- ✓ Small diameter stems suits grazing by many livestock types, and hay and round bale silage
- ✓ Known for robust regrowth and getting more leafy feed sooner after grazing or cutting
- ✓ Has a high leaf to stem ratio delivers a greater volume of feed at all plant heights, especially less than 1 m

Agronomic Profile

Early seedling vigour ●●●●●●●●● 9

Beef grazing ●●●●●●●●● 9

Dairy grazing ●●●●●●●●● 9

Sheep grazing ●●●●●●●○○ 7

Hay making ●●●●●●●●○ 8

Fast feed ●●●●●●●●● 9

Late Summer/carry over feed ●●●○○○○○○ 3

Pit silage ●●●○○○○○○ 3

Round bale silage ●●●●●●●●● 9

Poor (1) - Excellent (9)

Recommended for me

SCAN FOR MORE INFO

SUMMER FORAGE

Mega Sweet

Sweet Sorghum x Grain Sorghum hybrid

The Flexible Forage Sorghum

Mega Sweet is attractive to stock at any stage of growth and increases its feed value and sweetness as it matures. Mega Sweet can be planted early in the season, mid season or late season for late Summer and carry-over feed. Mega Sweet can be used for grazing or quality silage production but should be your first choice for grazing cattle. It is especially suited to beef enterprises and can give exceptional weight gains.

Best uses: Grazing, pit silage

Key Features

- ✓ Flexible grazing option for beef, providing standover feed late in the season
- ✓ High energy stover and white grain delivers high Metabolisable Energy for conversion to meat or milk, especially with pit silage
- ✓ Provides more feed for longer, or more cuts of silage, due to it's strong regrowth capability. Mega Sweet delivers the biggest biomass yield over the life of the crop to feed more stock
- ✓ Known to be highly sweet and palatable delivering improved utilisation in the field and in the feed trough

Agronomic Profile

Early seedling vigour
●●●●●○○○○ 5

Beef grazing
●●●●●●●●● 9

Dairy grazing
●●●●●●○○○ 6

Sheep grazing
●●●●○○○○○ 4

Hay making
●●●●●○○○○ 5

Fast feed
●●●●●○○○○ 5

Late Summer/carry over feed
●●●●●●●●● 9

Pit silage
●●●●●●●●● 9

Round bale silage
●●●●●●○○○ 6

Poor (1) - Excellent (9)

PIONEER BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

SUMMER FORAGE

Graze-N-Sile

Sorghum x Sorghum hybrid

The best choice for pit silage production

Graze-N-Sile is a tall, grain-bearing forage sorghum hybrid. These unique attributes mean Graze-N-Sile produces high quantities of silage with high energy content. Graze-N-Sile is the ideal substitute for corn silage in dryland areas or in limited irrigation situation.

Best uses: Pit silage

Key Features

- ✓ A water efficient option providing the most comparable feed option to corn silage
- ✓ High white grain component delivers proven top quality (ME) silage for meat or milk production
- ✓ Good leaf disease resistance for better silage quality and yield
- ✓ Regrows after cutting meaning it is able to be cut a second time or grazed
- ✓ Higher Fall Army Worm (FAW) tolerance than corn in high pressure situations and easier to control FAW with Graze-N-Sile's open head

Agronomic Profile

Early seedling vigour ●●●●●○○○○ 5

Beef grazing ●●●●●○○○○ 5

Dairy grazing ●●●●○○○○○ 4

Sheep grazing ●●●●○○○○○ 4

Hay making ●●●●●○○○○ 5

Fast feed ●●●●○○○○○ 4

Late Summer/carry over feed ●●●●●○○○○ 5

Pit silage ●●●●●●●●● 9

Round bale silage ●●●●●●○○○ 6

Poor (1) - Excellent (9)

Recommended for me

SCAN FOR MORE INFO

SUMMER FORAGE

NEW Mega Feed

Sorghum x Sudan Summer Forage hybrid

An ultra-late all rounder

This newly released forage sorghum is suited to most situations. Its ultra-late maturity means it retains its high quality feed later than anything else. It has excellent silage potential due to its large grain head with high energy white grain. Strong early vigour means it can be sown early in the season to reduce the Spring feed gap and provide a range of options from grazing and baling through to standover feed and silage.

Best uses: Grazing, pit silage, hay

Key Features

- ✓ Ultra-late maturity (120 days to flower) giving high quality and dry matter feed through to late into the season
- ✓ Flexible and adaptable all rounder hybrid that is well suited to grazing, baling or silage
- ✓ Excellent early vigour giving the option to sow early and extend the growing period
- ✓ High leaf to stem ratio for increased palatability and quality yield
- ✓ High sugar content and energy availability in the leaf and stem converting dry matter into liveweight and milk production

Agronomic Profile

Early seedling vigour ●●●●●●●●● 9

Beef grazing ●●●●●●●●● 9

Dairy grazing ●●●●●●●○○ 7

Sheep grazing ●●●●●●●○○ 7

Hay making ●●●●●●●●○ 8

Fast feed ●●●●●●●○○ 7

Late Summer/carry over feed ●●●●●●●●○ 8

Pit silage ●●●●●●●●○ 8

Round bale silage ●●●●●●●○○ 7

Poor (1) - Excellent (9)

The right inoculant for your silage.

FOR CORN CROPS

✓ IMPROVED FERMENTATION

PIONEER® BRAND
1174

FOR LUCERNE CROPS

✓ IMPROVED FERMENTATION

PIONEER® BRAND
1174

FOR GRASS/CEREAL CROPS

✓ IMPROVED FERMENTATION

PIONEER® BRAND
1127

✓ IMPROVED FERMENTATION
+ AEROBIC STABILITY

PIONEER® BRAND
11C33

contains L.buchneri

RAPID REACT
AEROBIC STABILITY

✓ IMPROVED FERMENTATION
+ AEROBIC STABILITY
+ FIBRE TECHNOLOGY

PIONEER® BRAND
11CFT

contains L.buchneri

NUTRIVAIL®
FEED TECHNOLOGY

✓ IMPROVED FERMENTATION
+ AEROBIC STABILITY

PIONEER® BRAND
11G22

contains L.buchneri

RAPID REACT
AEROBIC STABILITY

✓ IMPROVED FERMENTATION
+ AEROBIC STABILITY

PIONEER® BRAND
11G22

contains L.buchneri

RAPID REACT
AEROBIC STABILITY

PACKAGE SIZE KEY

250T

WATER SOLUBLE
IAU7

Water Soluble:
200G (Non L. buchneri)
250G (L. buchneri)

Treats: 250T

50T

WATER SOLUBLE
IAU5

Water Soluble:
40G (Non L. buchneri)
50G (L. buchneri)

Treats: 50T

PIONEER BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

SILAGE SUPPLIES

11CFT

Corn Silage Inoculant with Nutrivail® Feed Technology

Contains live lactic acid-producing bacteria specifically selected to assist in the production of high quality corn silage.

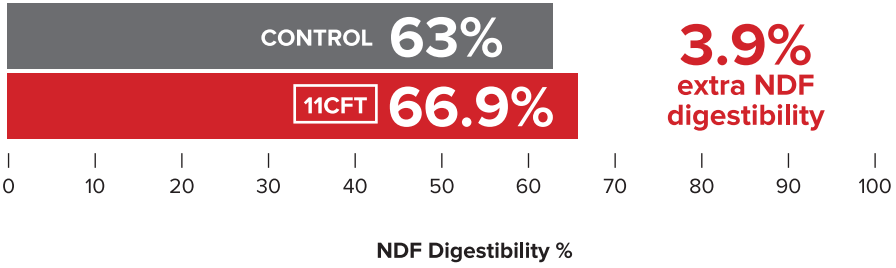
Corn silage specific

NUTRIVAIL® FEED TECHNOLOGY

- ✓ Corn specific
- ✓ Improves fermentation & fibre digestibility
- ✓ Increases dry matter recovery & animal performance
- ✓ Reduces heating (aerobic spoilage)
- ✓ Feed out one day in advance
- ✓ Maximize return on silage

PRODUCT	11CFT
Crop	Corn
Fully researched and proven	✓
Improved fermentation	✓
Aerobic stability	✓
Improved fibre digestibility	✓

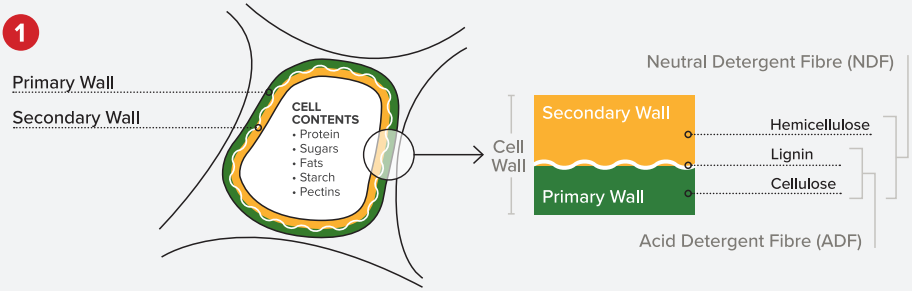
Improved NDF digestibility with 11CFT



How does CFT work?

Proprietary, novel *L. Buchneri* bacteria produce enzymes (ferulate and acetyl esterases) which modify cell wall fibre (decoupling it from lignin) in the storage structure allowing more extensive fibre digestion when the silage is degraded by rumen bacteria.

1



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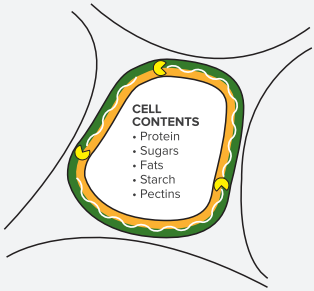
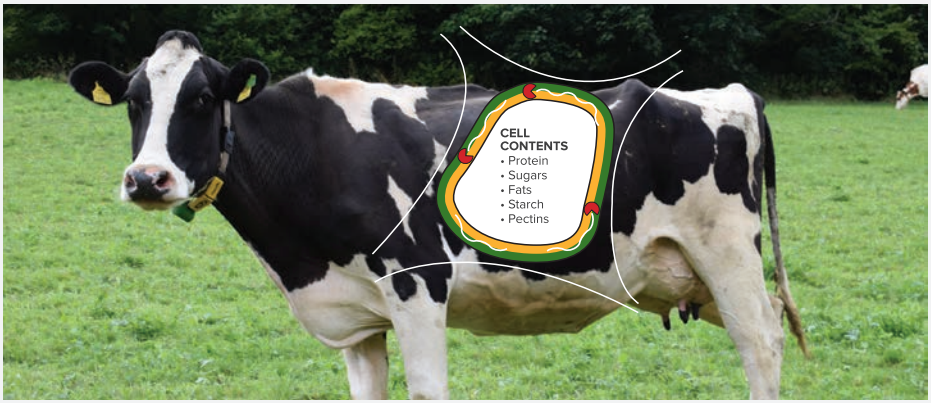


Enzyme producing CFT silage bacteria

CFT bacteria produce enzymes that uncouple fiber polysaccharides from the lignin backbone (lignin is not degraded so levels in the cell wall remain the same).

3 Rumen bacteria now access and digest fiber polysaccharides more extensively.

Rumen bacteria



PIONEER® BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

SILAGE SUPPLIES

11C33

Corn Silage Inoculant with Rapid React™ Aerobic Stability

Dual purpose inoculant with live lactic acid-producing bacteria

Corn silage specific

RAPID REACT® AEROBIC STABILITY

- ✓ Corn specific
- ✓ Improves fermentation
- ✓ Increases dry matter recovery & animal performance
- ✓ Reduces heating (aerobic spoilage)
- ✓ Feed out one day in advance
- ✓ Maximize return on silage
- ✓ Easily manage large pitface
- ✓ Feed out in 7 days

PRODUCT	11C33
Crop	Corn
Fully researched and proven	✓
Improved fermentation	✓
Aerobic stability	✓
Improved fibre digestibility	

SCAN FOR MORE INFO

SILAGE SUPPLIES

11G22

Lucerne/Grass/Cereal Silage Inoculant with Rapid React™ Aerobic Stability

Dual purpose inoculant.

RAPID REACT® AEROBIC STABILITY

Grass / Cereal silage specific

- ✓ Grass / Cereal specific
- ✓ Improves fermentation
- ✓ Increases dry matter recovery & animal performance
- ✓ Reduces heating (aerobic spoilage)
- ✓ Feed out one day in advance
- ✓ Maximize return on silage
- ✓ Easily manage large pitface
- ✓ Feed out in 7 days

PRODUCT	11G22
Crop	Grass & cereal
Fully researched and proven	✓
Improved fermentation	✓
Aerobic stability	✓
Improved fibre digestibility	

PIONEER® BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

SILAGE SUPPLIES

1127

Pasture Silage Inoculant

Pasture specific bacteria.

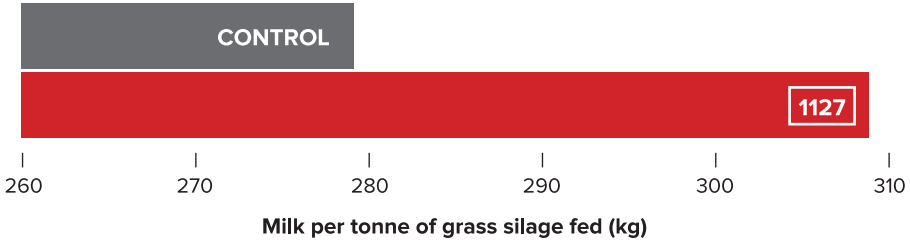
Pasture silage specific

RAPID REACT® AEROBIC STABILITY

- ✓ Significantly improve the fermentation
- ✓ Increase dry matter recovery
- ✓ Increase protein availability
- ✓ Improve animal performance in terms of more milk and more meat

PRODUCT	1127
Crop	Pasture & cereal
Fully researched and proven	✓
Improved fermentation	✓
Aerobic stability	
Improved fibre digestibility	

Improved milk production



Dairy trials showed that grass silage treated with **Pioneer® inoculant 1127** improved milk production compared to untreated grass silage. Average of 3 trials.

An additional 30kg of milk per tonne fed

Recommended for me

SCAN FOR MORE INFO

SILAGE SUPPLIES

1174

Multi-crop Silage Inoculant

Designed for all forages.

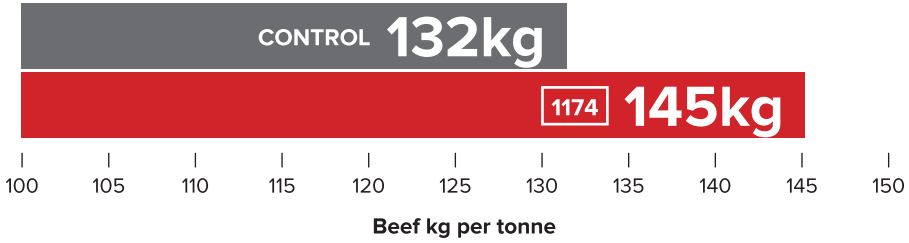
Multi-crop

RAPID REACT AEROBIC STABILITY

- ✓ Multi-crop use
- ✓ Improves fermentation
- ✓ Increases dry matter recovery & animal performance
- ✓ Low cost inoculant solution

PRODUCT	1174
Crop	Multi-crop
Fully researched and proven	✓
Improved fermentation	✓
Aerobic stability	
Improved fibre digestibility	

Australian Beef Feeding Trial



Australian beef feeding trial conducted at NSW Agriculture's Research Centre at Wagga Wagga. An extra 13kg of beef per tonne of maize silage fed when treated with 1174 compared to untreated. Kaiser and Piltz 1998.

An additional 13kg of meat gain per tonne fed

PIONEER BRAND · SEEDS

Recommended for me

SCAN FOR MORE INFO

SILAGE SUPPLIES

NEW Passion Film Yellow

Oxygen Barrier

Passion Film is a premium product that offers exceptional silage protection.

Passion Yellow barrier film blocks oxygen from penetrating the silage. This allows for high quality fermentation of the feed and reduced surface spoilage of the bunker.

Passion Yellow drapes and clings into silage nooks and crannies.

- ✓ Reduces inedible silage by 72%
- ✓ Reduces top surface loss by 50%
- ✓ Improves aerobic stability by 2.5 days
- ✓ Maintains silage quality and nutrient supply
- ✓ Improved profit per tonne of silage fed

What is Passion Yellow?

Passion Yellow is a specifically engineered oxygen barrier film of 45 micron (1.8 mil) thickness. Passion Yellow has been scientifically proven to protect forage and grains from oxygen – 1000 times more than traditional plastic covers.

Oxygen Transmission Rate

	OTR	OTR
	ASTM D3985-02 100% O2 cm3 / m2 / 24h	DIN 53380-3 21%O2 cm3 / m2 / 24h
Regular cover	2000	400
Clear 50µm (2 mil)	5800	1200
Passion Yellow	**2**	**0.4**

Why use Passion Yellow?

- ✓ Passion Yellow minimises feed loss and protects and returns producer investments in feed inputs on dairy farms
- ✓ The spoilage fed to dairy herd results in depressed dry matter intake and potential rumen damage which deprives cows of essential nutrients needed for milk production
- ✓ Healthy rumen function begins with the feed that provides energy, protein, minerals and vitamins – all of which Passion Yellow oxygen barrier protects
- ✓ With less spoiled feed to pitch you can save labour and time can be utilised in other areas of your business

SCAN FOR MORE INFO

SILAGE SUPPLIES

NEW Passion Film White on Black

Silage Cover

Oxygen barrier (OB) protection and familiarity of traditional plastic.

It's durable as a stand-alone product without protective cover, and the white top surface keeps the silage cooler.

- ✓ 200 um (micron) strength will not tear when installing
- ✓ white surface reflects UV rays to keep the stack from heating
- ✓ black underlayer helps prevent oxygen transfer and to preserve the silage

Passion White on Black can be used either with the Passion Yellow oxygen barrier underneath or as a stand-alone silage cover. Using the Passion White on Black cover to protect your silage will help to reduce dry matter losses, nutrient losses, aerobic spoilage and to increase the stability of the face at feed out.

Storage and handling

- ✓ Store in dark, cool, dry conditions
- ✓ Store out of sunlight and in the original packaging
- ✓ Any opened and unused product should be protected from sunlight and stored for future use
- ✓ Suitable for recycling

Technical data:

High strength and high anti UV agricultural silage cover. LDPE White on Black, wide range of sizes available.

TEST		UNIT	METHOD	TYPICAL VALUES			TOLERANCE
Thickness		µm	ISO 4593	100	125	150	±10%
Tensile strength at break	**MD**	N/mm²	ASTM D882	25	22	>25	±15%
	TD	N/mm²	ASTM D882	28	25	>28	±15%
Elongation at break	**MD**	%	ASTM D882	480	530	>550	±15%
	TD	%	ASTM D882	550	580	>600	±15%
Dark Drop		g	ASTM D1709		1700		
Anti-UV protection		kly			160		

PIONEER
BRAND · SEEDS

SILAGE SUPPLIES

NEW AppliPro Applicator

The advantage of a Pioneer inoculant applicator.

For use with crop-specific forage inoculants.

Applicators For Pioneer® Brand forage inoculants

Pioneer offers crop-specific forage inoculants in both water-soluble and granular formulations.

Pioneer's application technology has been designed to work with all major brands of forage harvesting equipment.

Packaging

Pioneer® brand product contains highly concentrated Pioneer® brand forage inoculant and eliminates the need for large volumes of water.

Product can be purchased in one of the two sizes. The smaller bottle treats 50 tonnes, and the larger package treats 250 tonnes. You can mix and match the sizes to meet the total tonnes being treated.

Unused product may be put into the mixing bottles and refrigerated overnight to protect live bacteria, ensuring efficacy for up to five days.

For further storage, product may be frozen for up to a year.

Advantages of tank-style applicators and smaller packaging:

- ✓ MIXING: More uniform mixing with the mixing jug and tank will alleviate the clumping that occurred in the bottom of bottles
- ✓ AGITATION: The airline into the tank will keep product suspended for more uniform application
- ✓ STORAGE: Less free space in the container will result in easier storage and longer product shelf life

Appli-Pro® C500 Applicator

The Appli-Pro C500 is designed to be a perfect fit for a wide range of harvesting operations.

Advantages of the Appli-Pro® System C500 Applicator:

- ✓ Super low volume product is applied at 10 millilitres per tonne
- ✓ C500 can apply at harvesting rates from 10 to 400 tonnes per hour
- ✓ All major components in the C500 have been derived from Pioneer's original field proven forage additive applicator, the Appli-Pro SLV
- ✓ Air agitation system standard to keep product mixed well in the tank
- ✓ Integration software compatible with John Deere Greenstar system allows variable rate application, works with properly equipped 7000, 8000 and 9000 series John Deere SPFH's
- ✓ Single spray tip allows precise product placement in a wide variety of harvest equipment
- ✓ 6 Litre Tank (500 tonne capacity)

PIONEER®
BRAND · SEEDS

Quality silage, more milk.

You get back what you put in. Put in Pioneer®.

For high quality silage, use **Pioneer® brand corn inoculants 11CFT** & **11C33** and feed your silage out in just seven days. Match the right hybrid seed with Pioneer® brand inoculant products to provide fast, efficient, stable fermentation for your silage.

To improve feed quality and extend silage pit life, contact our Silage Specialist Jason Scott, or your local Territory Sales Manager to choose the products that best suit your program.

PIONEER®
BRAND · SEEDS

Your seed is backed by local experience.

With dedicated and highly skilled team members located right throughout Australia you can be sure of accessing the best local knowledge to help you maximise your investment in Pioneer® brand hybrid seed.

Territory Sales Managers

Farm Service Consultants

Scan the QR Code to

get in touch with us today.

PIO23021

Pioneer® brand seeds are produced and distributed in Australia by **GenTech Seeds**, a **Yates** Family Business

1800 PIONEER
pioneerseeds.com.au

WHAT YOU **SEED** IS WHAT **YOU GET**