



Regenerative Cropping Guide

Multi-purpose products that
protect soil, suppress weeds,
and improve sustainability
between crops



AlfaGen[®]
SEEDS



Establishment Guarantee

At AlfaGen Seeds, we stand behind the quality of our proprietary seed and always aim for the best outcome for our farmers.

Our Establishment Guarantee is straightforward: if your seed doesn't establish successfully within 30 days, we'll replace it at half the original price. It's a commitment that helps you save on replanting costs and plant with confidence, knowing we're here to support you.

Plant with confidence, backed by the support of AlfaGen Seeds.

Terms and conditions apply



Building a more sustainable system

Covercrop, inter-row, regenerative and multi-species products.

Healthy soil doesn't happen by accident. Covercrop, inter-row plantings and regenerative species all play a role in improving soil condition, suppressing weeds, fixing nitrogen and keeping paddocks productive between main crops.

AlfaGen's range includes SOWsmart® multi-species blends and specialist regenerative products selected to do more than one job. From building organic matter and supporting grazing, to providing ground cover and pollination for horticulture and viticulture, every product is designed for practical on-farm benefit.



Dryland Medic Row

SOWSMART® BLEND

In neutral to high pH soils, this blend of perennial grass and medics thrives producing solid ground cover. From improving soil structure and fixing atmospheric nitrogen to reducing pests and providing a valuable, highly digestible forage source within rotational systems, there's an option to fit your needs.

Minimum rainfall	550mm
Soil type	Suitable to most
Sowing rate	35–40kg/ha
Usage	Covercrop/inter-row

Middini CM142 diploid perennial ryegrass	40%
Brighton continental cocksfoot	20%
Penfield spineless barrel medic Goldstrike®	20%
Silver snail medic Goldstrike®	20%

HDL

SOWSMART® BLEND

A high-density legume mix suited to medium and higher rainfall zones that provides outstanding dry matter production and nitrogen fixation. A SOWsmart® HDL blend break-crop in the rotation is also an effective and profitable way of managing herbicide resistant annual ryegrass. This blend can contribute up to 50kg/ha of nitrogen for subsequent crops, the equivalent of 100kg/ha of urea.

Minimum rainfall	350mm
Soil type	Suitable to most
Sowing rate	20–25kg/ha
Usage	Covercrop/inter-row

Penfield spineless barrel medic Goldstrike®	30%
Zulumax arrowleaf clover Goldstrike®	25%
Dalsa sub clover Goldstrike®	25%
Border balansa clover Goldstrike®	20%

Irrigated Row

SOWSMART® BLEND

A combination of summer and winter-active cultivars, this formulation of perennial grasses and clover will be sure to produce a dense, green, permanent ground cover all year round with a prostrate growth habit to reduce mowing requirements.

Minimum rainfall	700mm
Soil type	Suitable to most
Sowing rate	40–50kg/ha
Usage	Covercrop/inter-row

Middini CM142 diploid perennial ryegrass	60%
Brighton continental cocksfoot	20%
Casper white clover Goldstrike®	10%
Riesling white clover Goldstrike®	10%

► Not recommended for horses

Multi Species Soil Builder

SOWSMART® BLEND

A blend that has been designed to repair and build soil organic matter. A great combination of high dry matter varieties and deep rooted species.

Minimum rainfall	450mm
Soil type	Suitable to most
Sowing rate	50–65kg/ha
Usage	Covercrop/inter-row

Overland forage oats	50%
Timok vetch	20%
Loader tetraploid annual ryegrass	10%
Smart Radish® radish, fungicide treated	4%
Subzero hybrid forage brassica XLR8®	4%
Rosella crimson clover Goldstrike®	4%
White quinoa	4%
Ranger tonic plantain	2%
Compass chicory	2%

Pollinator

SOWSMART® BLEND

Comprised meticulously of flowering varieties, the Pollinator blend is designed to stimulate bee activity. Its combination of flowering species exhibits white, yellow and purple flowers, boasting high nectar and pollen levels. Designed for pollination dependent enterprises. Utilised in midrow or exclusion areas for almonds, avocados, macadamias and more.

Minimum rainfall	650mm
Soil type	Light & heavy
Sowing rate	40–60kg/ha
Usage	Covercrop/inter-row

Timok vetch	38%
Bee-Ready brassica	13%
Smart Radish® radish, fungicide treated	13%
Ninja black mustard	12%
Rosella crimson clover Goldstrike®	12%
Enduromax balansa clover Goldstrike®	6%
Zulumax® arrowleaf clover Goldstrike®	6%

WINS Row

SOWSMART® BLEND

WINS is an acronym for Weed Control, Interrow, Nitrogen and Soil Conditioning. Specifically for lower rainfall areas, the SOWsmart® WINS Row blend provides fast forage production early in the season. The blend produces large amounts of dry matter and aids in weed suppression. It also provides organic matter back into the soil.

Minimum rainfall	650mm
Soil type	Light & heavy
Sowing rate	80–160kg/ha
Usage	Covercrop/inter-row

Kraken forage barley	80%
Timok vetch	17%
Smart Radish® radish, fungicide treated	3%

Other regenerative products

AlfaGen Seeds offers a range of regenerative products designed to build a healthier paddock. From improving soil structure and fixing atmospheric nitrogen to reducing pests and providing a valuable, highly digestible forage source within rotational systems, there's an option to fit your needs.



Smart Radish®

RADISH
: *Raphanus sativus L*

A specially bred Daikon radish for cover cropping. This tillage radish helps reduce common soil-borne pests and diseases. It produces large, light-intercepting leaves and a strong taproot with lateral roots that explore soil fissures and efficiently scavenge nutrients, while also supporting nutrient recycling through grazing animals.

Sowing rate	Dryland	5kg/ha
	High rainfall/irrigation	8kg/ha

Seed treatment	Fungicide/XLR8® optional
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⊕ 'Pull-down' bulb grows further into the ground

A feature unique to Smart Radish®, this increases water and air infiltration in soils, assists in reducing soil compaction, and allows for greater root depth in subsequent crops or pastures

⊕ Creates quick ground cover, reducing weed competition

Potential for less chemical usage in a pasture renovation phase

⊕ Bio-fumigant effects

Reduces soil-borne diseases and insects to benefit subsequent crops

⊕ Highly digestible forage source

Produces quality feed for animals

⊕ Large taproot and tuber

Enables the plant to withstand drier conditions compared to shallow-rooted forage options



Subzero

HYBRID FORAGE BRASSICA
: *Brassica napus*

Subzero is a long-season hybrid forage brassica with improved cold tolerance. This kale/turnip hybrid offers multiple grazing opportunities and delivers exceptional total dry matter yield. It is ideal for both spring and autumn sowing, providing a resilient and nutritious forage solution year-round.

Sowing rate	Dryland	3kg/ha
	High rainfall/irrigation	5kg/ha

Seed treatment	XLR8®
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⊕ Quick to establish with warm soils

Quicker to the first grazing compared to longer maturing types

⊕ Retains and holds quality once ripe

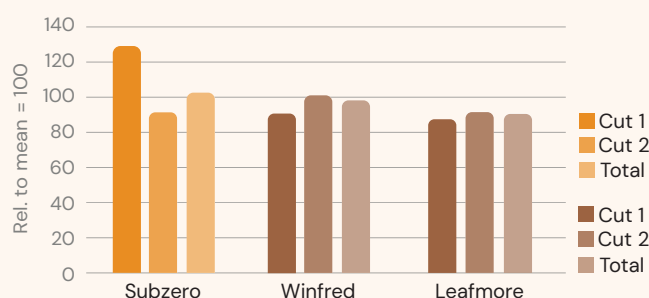
Allowing flexibility in grazing management

⊕ Excellent regrowth after grazing

Provides multiple grazings without the need to resow after each graze

Breeza Forage Brassica Trial 2023

Comparison of autumn sown forage brassicas





Bouncer

HYBRID FORAGE BRASSICA
: *Brassica campestris*

An early-maturing hybrid forage brassica perfect for quickly filling feed gaps. This versatile turnip/Chinese cabbage hybrid delivers a reliable and nutritious forage solution when you need it.

Sowing rate	Dryland	3kg/ha
	High rainfall/irrigation	5kg/ha

Seed treatment	None/XLR8® optional
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- ⊕ **Very quick time to first grazing, 6–8 weeks from emergence**
Able to provide feed quicker than other brassicas
- ⊕ **No ripening of forage required before grazing**
Ability for multiple grazings with very good regrowth potential and excellent grazing tolerance
- ⊕ **Great value for money**
More grazing opportunities to fill feed gaps



Ninja

BLACK MUSTARD
: *Brassica nigra*

Ninja black mustard is a fast-establishing covercrop that suppresses weeds, reduces soil-borne diseases and pests, and improves soil health through deep roots and rapid biomass production.

Sowing rate	Dryland	8–10kg/ha
	High rainfall/irrigation	8–10kg/ha

Seed treatment	None/XLR8® optional
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- ⊕ **Releases glucosinolates from roots and foliage**
Helps reduce nematodes and soil-borne fungi
- ⊕ **Establishes ground cover quickly**
Suppresses weeds and prevents soil erosion
- ⊕ **Attracts pest insects away from other crops**
Disrupts their lifecycle to lower future pest populations
- ⊕ **Develops deep, vigorous roots**

Custom blends



Build a blend as unique as your enterprise

We can work with you to create custom seed blends tailored to your agricultural system, rotation and growing conditions.

By combining the right mix of forage and pasture species, legumes, cereals and companion crops, custom blends can help improve biomass, ground cover, grazing value, soil health and overall system sustainability.

Whether you run a broadacre, mixed farming, horticulture or viticulture system, we can create blends to support inter-row management, weed suppression and green manure production between rotations. For example, a forage pea, faba bean, forage oat and vetch mix can deliver strong biomass production while improving soil condition and nutrient availability.

Speak with your local retailer or AlfaGen Seeds Territory Manager about building a blend for your farm.

We're here to help you grow

For technical advice, please contact your local Territory Manager

Wide Bay Burnett, South East, Central, Far North QLD & NT

Michael Christensen

Territory Manager

michael.christensen@alfagenseeds.com.au
0430 821 029

Northern Rivers NSW, Southern & Central QLD

Chris Hoad

Territory Manager

chris.hoad@alfagenseeds.com.au
0407 549 354

Hunter, North West & Mid North Coast NSW

Dan Sweeney

Territory Manager

dan.sweeney@alfagenseeds.com.au
0429 146 817

New England NSW

Gavin Milne

Technical Services Territory Manager

gavin.milne@alfagenseeds.com.au
0447 966 704

Central NSW

Jack Edwards

Northern Regional Manager

jack.edwards@alfagenseeds.com.au
0419 995 418

Southern NSW

Hugh Graham

Southern Regional Manager

hugh.graham@alfagenseeds.com.au
0427 255 292

Central & Northern VIC

Jo Tanner

Territory Manager

jo.tanner@alfagenseeds.com.au
0493 043 669

SA, WA & Sunraysia VIC

James Cook

Territory Manager

james.cook@alfagenseeds.com.au
0430 353 006

Western VIC, S.E SA, Mallee & Wimmera

Sam Linggood

Territory Manager

sam.linggood@alfagenseeds.com.au
0428 854 391

Tasmania & Gippsland

David Squibb

Production & Territory Manager

david.squibb@alfagenseeds.com.au
0429 999 155

Dean Lombardozzi

Australian Sales Manager

dean.lombardozzi@alfagenseeds.com.au
0497 499 087

Plant with confidence



Anything else?
Get in touch

- ☎ 08 8445 1111
- ☎ info@alfagenseeds.com.au
- ☎ alfagenseeds.com.au