

Verdara™ Broadacre

Precision biological foliar performance.

Verdara™ is Farmbright's first commercial biological crop-performance product — a dry, proprietary foliar powder designed to support major broadacre crops across the key growth windows that shape final yield. Powered by Verdaris™ Formulation Technology.

Target yield uplift

15–25%¹

Direct purchase

\$95/ha + GST

Applications

3 /season

Shelf life

24 months

Verdara™ Broadacre is designed for working farms: buy by hectare, apply through existing boom spray equipment, and retain 100% of any yield gains on direct purchase. ¹Forward-looking estimate, not a guarantee. Current target yield uplift and financial model based on broadacre wheat economics. Actual results vary by crop, variety, season, soil, timing and management.



Farmbright exists to
turn biological science
into commercial farm
performance — products
that are technically
credible, operationally
practical, and valuable
enough to earn their
place on the farm.

WESLEY COOKE · FOUNDER, FARMBRIGHT

A field-ready biological foliar program for broadacre crop performance.

Verdara™ is Farmbright's first commercial biological crop-performance product: a dry, proprietary foliar powder designed to support the key growth windows that shape final yield — tillering, booting and heading / grain fill.

- Targets **15–25% yield uplift** in the current broadacre wheat model, with barley and canola application under agronomic guidance.
- Powered by **Verdaris™ Formulation Technology** — Farmbright's proprietary formulation system for biological signal delivery, canopy coverage and field usability.
- Applied through **standard boom spray** equipment after on-farm steeping, filtering and dilution.
- Supplied in farm-scale formats from **20 kg bags through to 800 kg FIBC** for larger hectare programs.
- Direct purchase price: **\$95 AUD per hectare** excluding GST. Growers apply the product themselves and retain 100% of any yield gains.

15–25%

Target yield uplift

+\$113/ha

Mid-range net gain

2.2×

Mid-range ROI

\$95/ha

Direct purchase price
excl. GST

Not a conventional foliar feed. A biological signal system.

Verdara™ is built around Farmbright's proprietary Verdaris™ Formulation Technology — a process developed to concentrate, stabilise and enhance the delivery of a complex profile of natural plant growth compounds.

The Verdaris™ process uses controlled micronisation of the active botanical matrix and combines it with a proprietary bioavailability enhancement complex designed to support extraction, dispersion, leaf coverage and foliar delivery.

Verdara™ is not a conventional foliar feed. It is a biological signal system designed to support the crop during the growth stages where yield potential, canopy function and final grain or seed fill are being formed.

Five active mechanisms.

Natural cytokinins and zeatin

Support cell division, early crop architecture, reproductive development and grain / seed-fill duration.

Free and peptide-bound amino acid complexes

Provide immediately available biological building blocks that support protein synthesis and enzyme activity during rapid growth windows.

Naturally chelated micronutrient matrix

Zinc, iron and manganese in biologically active chelate form, supporting photosynthetic enzyme function and carbohydrate metabolism.

Biostimulant growth factor complex

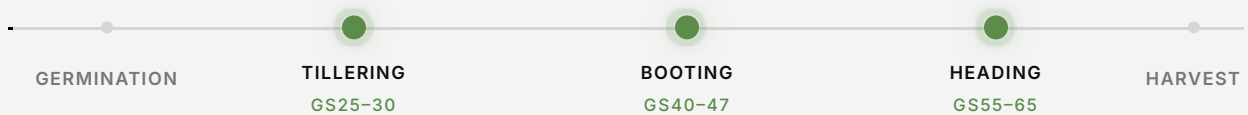
Supports root-to-shoot signalling, stomatal regulation and resilience during variable seasonal conditions.

Natural osmoprotectant compounds

Support cellular function during heat or moisture stress across the most yield-sensitive stages of the season.

Built around the moments when broadacre yield is decided.

Crop yield is shaped by a sequence of biological decisions. In cereals, productive shoots are retained early, reproductive potential is set through the pre-flowering period, and grain fill determines final yield expression. In canola, canopy strength, flowering, pod set and seed fill perform an equivalent role. Verdara™ is delivered across these three key yield-forming windows.



Wheat growth-stage example shown. Verdara™ is designed for major broadacre crops including wheat, barley and canola. Crop-specific timing should be confirmed with agronomic guidance.

GROWTH WINDOW	TIMING	VERDARA™ PROGRAM OBJECTIVE	COMMERCIAL OUTCOME
Early Vegetative / Tillering	Wheat example: GS25–30 · 6–8 wk after establishment	Support early yield architecture, canopy strength and productive shoot retention.	Stronger crop architecture carried into the season.
Reproductive Transition / Booting	Wheat example: GS40–47 · pre-heading / reproductive transition	Support reproductive development, flowering potential and yield site formation.	Greater reproductive potential entering the key flowering period.
Heading / Grain Fill / Seed Fill	Wheat example: GS55–65 · heading to grain fill	Support chlorophyll retention, grain or seed-fill duration and final yield expression.	Improved grain or seed fill, stronger quality and final yield expression.

Five formulation functions behind Verdara™.

Verdaris™ is the formulation system that turns the active botanical matrix into a practical broadacre foliar product. These five functions are described without disclosing the underlying botanical source or exact formulation ingredients.



1

Precision-Micronised Botanical Matrix

Controlled particle sizing supports extraction, suspension quality and contact with the foliar surface.



2

Assisted Biological Transport

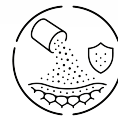
Designed to improve movement and availability of plant-active compounds during foliar application.



3

Leaf Coverage & Adhesion System

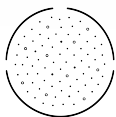
Improves wetting, spreading and canopy contact so the product remains where it can be used.



4

Powder Stability & Dispersion System

Improves flowability, reduces clumping and supports consistent spray preparation.



5

Buffered Activation Environment

Supports a consistent steeping environment before foliar application.

Four steps. Existing equipment. Standard boom spray.



1

Steep

Add Verdara™ to clean water. For each hectare equivalent, steep 1 kg in 20–30 L clean water. Stir thoroughly and leave for 12–24 hours.



2

Filter

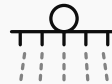
Pour through a 100–200 micron mesh filter or fine cloth into the spray tank. Discard residue.



3

Dilute

Top up the spray tank to 150–200 L per hectare application volume with clean water.



4

Apply

Apply as a foliar spray through standard boom spray equipment. Early morning application is preferred, below 25°C and in low-wind conditions. Apply within 4 hours of final mixing.

Tank-mix guidance. Verdara™ may be aligned with existing spray passes where compatible. Growers should consult their agronomist and conduct a small compatibility test before tank mixing. Farmbright does not warrant compatibility with all third-party agricultural inputs. Crop-specific timing should be confirmed with your agronomist, particularly for barley and canola.

Farm-scale supply, from 20 kg bags to 800 kg FIBC.

Verdara™ is applied at 3 kg per hectare per season, split into three 1 kg applications. Farmbright supplies Verdara™ in multiple formats to suit farms, grower groups and large broadacre programs. Product remains priced by hectare; the pack format is selected for logistics and handling efficiency.

FORMAT	TOTAL VERDARA™	HECTARES COVERED (APPROXIMATE)	BEST USE CASE
20 kg bag	20 kg	6.67 ha	Small orders, trial blocks, top-up supply, agronomist demonstration work.
200 kg drum	200 kg	66.67 ha	Medium farm programs, manageable on-farm storage.
400 kg FIBC	400 kg	133.33 ha	Larger farms and consolidated spray programs.
800 kg FIBC	800 kg	266.67 ha	Large broadacre properties, grower groups, bulk seasonal supply.

Final pack mix can be adjusted to suit on-farm storage, handling equipment, freight method and staged seasonal delivery.

\$95 per hectare. 100% of yield gains stay with the grower.

Verdara™ is sold as a direct-purchase product. Growers buy the product, apply it through their own equipment and retain all yield upside. Farmbright does not take a performance share on direct-purchase orders.

CONSERVATIVE · 15% UPLIFT		MID-RANGE · 20% UPLIFT		STRONG · 25% UPLIFT	
+\$57 /ha		+\$113 /ha		+\$176 /ha	
Extra yield	+0.43 t/ha	Extra yield	+0.58 t/ha	Extra yield	+0.72 t/ha
Extra gross	\$152/ha	Extra gross	\$208/ha	Extra gross	\$271/ha
Verdara™ cost	\$95/ha	Verdara™ cost	\$95/ha	Verdara™ cost	\$95/ha
ROI	1.6×	ROI	2.2×	ROI	2.9×

Assumptions. Wheat model based on 2.89 t/ha base yield. Grain prices: \$350/t conservative, \$360/t mid-range, \$375/t strong. All figures AUD. Scenarios are forward-looking estimates only. Actual results vary by crop, variety, season and management. ROI scenarios are calculated using the Verdara™ Broadacre price of \$95/ha excluding GST.

What Verdara™ could mean across your broadacre hectares.

FARM SIZE	SEASON COST	MODELLED EXTRA REVENUE · 20%	MODELLED NET GAIN · 20%
500 ha	\$47,500	\$104,000	+\$56,500
1,000 ha	\$95,000	\$208,000	+\$113,000
2,000 ha	\$190,000	\$416,000	+\$226,000
5,000 ha	\$475,000	\$1,040,000	+\$565,000
10,000 ha	\$950,000	\$2,080,000	+\$1,130,000

Broadacre wheat model. Net gain figures shown after \$95/ha Verdara™ cost. Extra revenue assumes \$360/t grain and 20% yield uplift. Actual results vary by crop, variety, commodity price, season, soil, management and application timing. Season cost calculated at \$95/ha excluding GST.

Built for working farms.

No cold chain

Store sealed, in a cool, dry location, away from direct sunlight.

Standard equipment

Applied through existing boom spray systems.

No specialist infrastructure

Steep, filter, dilute and spray.

Full program

3 kg per hectare per season, split into three growth-stage applications.

Shelf life

24 months in appropriate ambient storage conditions.

Target crops

Broadacre wheat, barley and canola. Crop-specific timing should be confirmed with agronomic advice.

Verdara™ specifications.

Product	Verdara™ Broadacre
Product type	Biological foliar powder
Core technology	Farmbright Verdaris™ Formulation Technology
Formulation	Precision-micronised dry powder · proprietary bioavailability enhancement complex · designed for foliar delivery
Pack size	Supplied in 20 kg bags, 200 kg drums, 400 kg FIBC and 800 kg FIBC. Coverage calculated at 3 kg/ha seasonal rate.
Application rate	1 kg per hectare per application × 3 applications = 3 kg/ha per season
Timing	Crop-specific yield windows. Wheat example: tillering GS25–30 · booting GS40–47 · heading / grain fill GS55–65
Mixing	Steep 1 kg in 20–30 L water for 12–24 hrs · filter · dilute to 150–200 L/ha
Equipment	Standard boom spray
Shelf life	24 months ambient below 25 °C
Storage	Cool, dry, sealed, away from direct sunlight
GMO status	Non-GMO
Synthetic additives	None
Chemical preservatives	None
Target crops	Broadacre wheat, barley and canola
Price	\$95 AUD per hectare excluding GST
Manufactured	Farmbright Pty Ltd · Manufactured in Australia

Questions growers are likely to ask.

What is Verdara™?

Verdara™ Broadacre is a precision biological foliar powder for major broadacre crops, including wheat, barley and canola, powered by Farmbright's Verdaris™ Formulation Technology. It is applied at tillering, booting and heading / grain fill to support the crop during the growth windows that shape final yield.

Is Verdara™ just a plant powder?

No. Verdara™ Broadacre is not a raw plant powder or a crude botanical extract. It is a proprietary biological foliar input powered by Farmbright's Verdaris™ Formulation Technology. Its performance model depends on the full system: controlled sourcing, precision micronisation, formulation enhancement, dry-powder stability, the steeping protocol, foliar delivery design and timed application across the key crop growth windows that shape final yield.

Is Verdara™ a fertiliser?

Verdara™ Broadacre is not positioned as a conventional foliar fertiliser. It is a biological foliar input designed to deliver a complex profile of plant growth compounds and biostimulant factors at key crop stages.

What does it cost?

Verdara™ Broadacre is available for direct purchase at \$95 AUD per hectare excluding GST. GST is added where applicable.

How much product do I need?

Verdara™ Broadacre is applied at 3 kg per hectare per season, split across three 1 kg applications. Farmbright supplies the product in 20 kg bags, 200 kg drums, 400 kg FIBC and 800 kg FIBC.

When is it applied?

Three times across the crop growth cycle. For wheat, the standard program is tillering GS25–30, booting GS40–47 and heading / grain fill GS55–65. Barley and canola timing should be confirmed with agronomic guidance.

Do I need specialist equipment?

No. Verdara™ Broadacre is applied through standard boom spray equipment.

Is yield uplift guaranteed?

No. Verdara™ Broadacre targets 15–25% yield uplift in the current broadacre wheat model. Actual results vary by crop, variety, seasonal conditions, application timing and farm management.

Can Verdara™ be tank mixed?

Verdara™ Broadacre may be aligned with existing spray passes where compatible. Growers should consult their agronomist and conduct a small compatibility test before tank mixing.

How to order & contact.

Next steps

- 1 Confirm hectares. Nominate the number of broadacre hectares to be covered by the full three-application program.
 - 2 **Select supply format.** Farmbright will recommend the most efficient mix of 20 kg bags, 200 kg drums, 400 kg FIBC and 800 kg FIBC.
 - 3 **Confirm delivery schedule.** Bulk orders can be staged by application window or delivered ahead of season according to storage capacity.
 - 4 Apply through your program. Use Verdara™ Broadacre at the three crop growth stages that determine final yield.
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Get in touch

Company Information

Farmbright Pty Ltd

ABN 82 672 434 669

Suite 77, 57 Byrnes Road, Shoreham

VIC 3916, Australia

Supply Enquiries

contact@farmbright.com

+61 3 9961 2912

farmbright.com

Important disclaimer. Verdara™ Broadacre yield uplift, ROI and farm-scale financial scenarios are forward-looking estimates based on Farmbright's internal program design, published biostimulant science and modelled broadacre wheat economics. They are not guarantees of outcome. Actual results will vary by crop type, crop variety, soil type, climate, seasonal stress, application timing, farm management, yield potential and commodity price. This document does not constitute financial or agronomic advice. Growers should consult their agronomist before integrating Verdara™ Broadacre into their crop program. Prices are shown in AUD and exclude GST unless otherwise stated. GST will be added where applicable. ROI and modelled net-gain figures use ex-GST pricing.