



ACTIVE
AgriScience
activeagriscience.com

TECHNOLOGY
BEYOND
the POINT
of NUTRITION™

Active AgriScience Inc. supports the farming community by providing innovative, effective and economical products. A leader in plant nutrient and bioactive compound research and technology, Active AgriScience uses rigorous scientific methods to develop full cycle fertiliser and nitrogen management solutions to help enhance crop potential while being mindful of environmental impacts.



PO BOX 970, Canning Bridge,
Applecross, WA, 6153

Phil Nixon
Executive Director
0402 794 288
phil.n@activeagri.com

Greg Tapscott
Business Development Manager
0438 974 354
greg.t@activeagri.com

Jessica Sampson
Business Manager – East Coast
0448 854 412
jess.s@activeagri.com



Product manufactured in Australia

OCT 24 2025



INTRINSIC™

stress management molecule

Unlock the Power of INTRINSIC™ for SEED & CROP NUTRITION

ELEVATE EVERY STAGE OF GROWTH

Built into every Active AgriScience formulation, INTRINSIC™ is more than an ingredient— it's a game-changer for crop nutrition throughout the entire growing season. By harnessing advanced bioactive molecules, INTRINSIC™ delivers targeted benefits from the moment seeds are planted to the final stages of crop development.

NITROGEN STABILISERS: BUILT FOR EFFICIENCY

MAXIMISED NITROGEN AVAILABILITY

Nitrogen stabilisers keep nitrogen in the root zone longer. INTRINSIC™ enhances root growth and activity, allowing plants to capture and utilise that retained nitrogen more efficiently.

IMPROVED FERTILISER UTILISATION

Together, nitrogen stabilisers and INTRINSIC™ deliver a superior nutrient management solution—protecting nitrogen in the soil and ensuring improved utilisation by the crop.

SEED COATING: THE FOUNDATION FOR SUCCESS

ENHANCED GERMINATION

INTRINSIC™ stimulates key plant hormones, accelerating cell division and ensuring rapid, uniform emergence.

STRONGER ROOT GROWTH

By boosting natural root-promoting compounds, INTRINSIC™ helps seedlings establish a robust root system for better nutrient and water uptake.

STRESS RESISTANCE

INTRINSIC™ blocks harmful stress hormones, keeping young plants growing strong even in challenging conditions.

CROP NUTRITION: SUSTAINED PERFORMANCE ALL SEASON

INCREASED NUTRIENT MOBILISATION

INTRINSIC™ amplifies the secretion of root exudates, unlocking bound nutrients in the soil and making them more available for plant uptake.

SUPERIOR NUTRIENT ABSORPTION

Enhanced root activity means crops can access essential nutrients more efficiently, supporting vigorous growth and higher yields.

CONSISTENT RESULTS ACROSS SOIL TYPES

INTRINSIC™ optimises nutrient absorption in both acidic and alkaline soils, ensuring crops thrive no matter the conditions.

IMPROVED WATER USE EFFICIENCY

By regulating water movement and reducing stress, INTRINSIC™ helps crops make the most of every drop, even during drought.

THE INTRINSIC™ ADVANTAGE

Whether applied within your seed coating or as part of your crop nutrition program, INTRINSIC™ delivers measurable improvements in plant health, resilience, and productivity. Unlock your crop's full potential from the ground up—and reap the rewards at harvest.

**EXPERIENCE THE FUTURE OF FARMING WITH INTRINSIC™ –
FOR SEEDS, FOR CROPS, FOR RESULTS.**



ACTIVE[™]
AgriScience
activeagriscience.com

INTRINSIC[™] COMPARISON

HUMIC

Activity:

Soil amendment
Chelating effects
Not very active in plants

Application:

Soil
Other fertiliser

Comments:

pH and handling issues
Large quantities

FULVIC

Activity:

Soil amendment
Chelating effects
Not very active in plants

Application:

Soil
Foliar
Other fertiliser

Comments:

pH and handling issues
Large quantities

SEAWEED

Activity:

Activity in plants is
inconsistent

Application:

Soil
Foliar
Other fertiliser

Comments:

pH and compatibility issues
Lack of consistency
Sedimentation over time

INTRINSIC[™]

Activity:

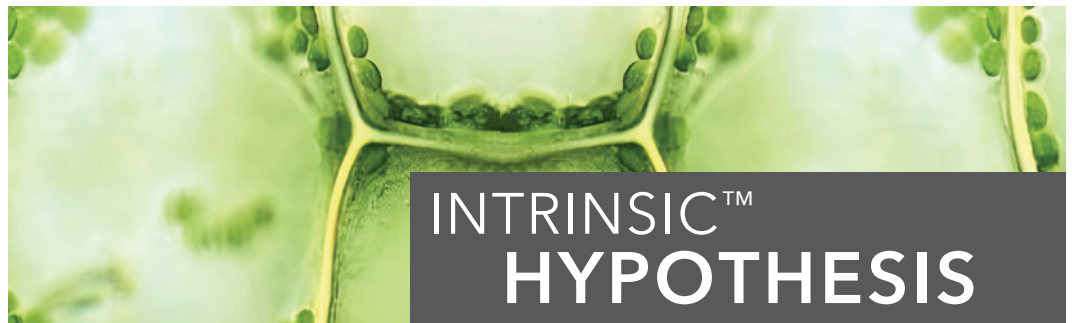
Highly active and consistent
activity in plants

Application:

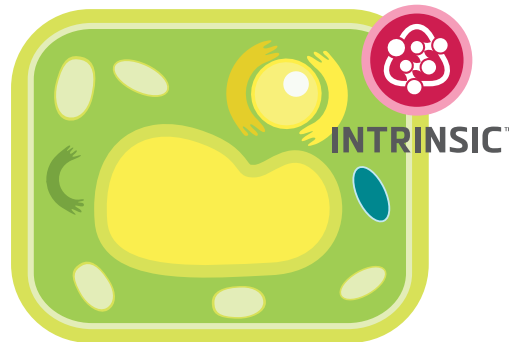
Soil
Foliar
Other fertiliser
Agrochemicals

Comments:

Highly compatible with all
fertiliser and agrochemicals.
Very consistent effects.



INTRINSIC[™] affects plant functions at the cellular level by influencing genetic regulation, plant growth, and antioxidant activity. It binds to special proteins in plant cells that regulate gene activity. This allows INTRINSIC[™] to "activate" beneficial genes and "inhibit" undesirable ones.



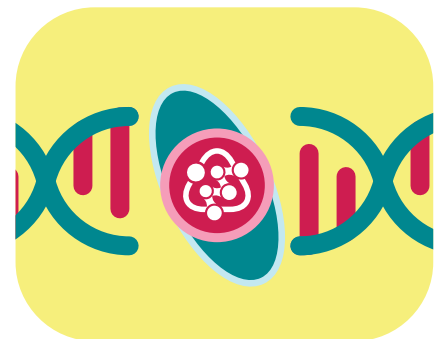
INTRINSIC[™] molecule crosses the cell membrane and **enters the cell.**



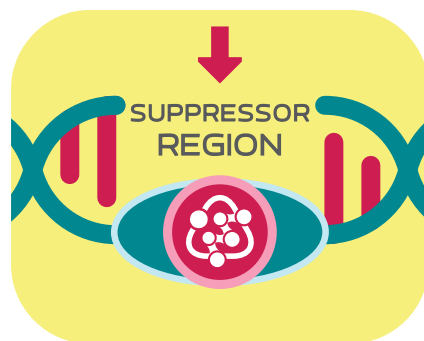
INTRINSIC[™] binds with a **transcription factor** in the cytoplasm.



INTRINSIC[™] with the transcription factor **moves into the nucleus.**



Inside the nucleus, INTRINSIC[™] **binds to genes** that regulate cellular functions.



If INTRINSIC[™] binds to a suppressor region it **inhibits stress** related genes.



If INTRINSIC[™] binds to a promoter region it **activates desirable** genes.