



Biocatalyst
Technology

ATLAS[®]

XC 

**Fertilizer catalyst specifically
formulated for use with dry
fertilizer blends**

Release More Nutrition. Expect More Results.

BENEFITS:

- **Increases nutrient availability and uptake**
- **Enhances nutrient use efficiency**
- **Promotes better root growth and development**

Get More from Every Dry Fertilizer Application

Atlas® XC is an innovative fertilizer catalyst that is specifically formulated for impregnation on dry fertilizer blends. It contains concentrated biochemistry that helps growers get more out of their applied P & K fertilizers by increasing nutrient availability and enhancing root growth and function.

Maximize Nutrient Availability and Uptake

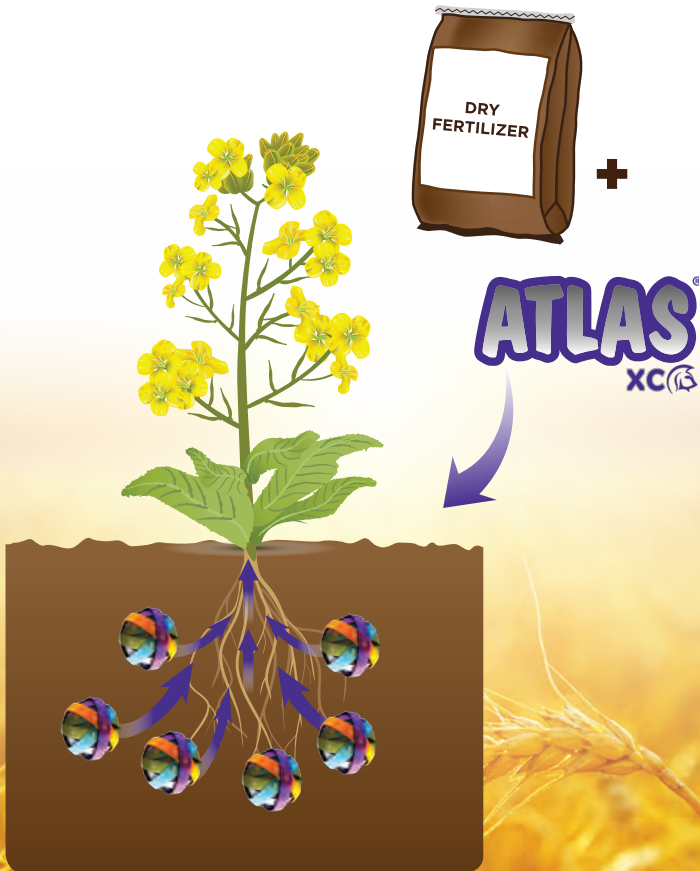
By accelerating the breakdown of treated dry fertilizers and helping to convert organic nutrients into inorganic, plant-available forms, **Atlas XC** makes nutrients more available for plant uptake and utilization, leading to increased plant and root growth and providing outstanding ROI. Growers who incorporate **Atlas XC** into their programs often see improved yield responses and increased fertilizer efficiency, year after year.

Atlas XC is effective across a broad range of plant and soil types and can be easily incorporated into any conventional production practice that employs dry fertilizers, without requiring product-specific equipment or a special trip across the field.



Unlock Applied Nutrients

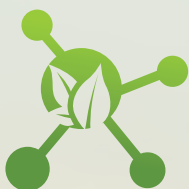
Atlas XC changes the way that dry fertilizer responds to soil. By “unlocking” applied nutrients, it makes them available more quickly, so that more of them get absorbed by plant roots.



Innovative Catalyst Technology from Loveland Products

Atlas XC is distributed by Loveland Products through Nutrien Ag Solutions. Please visit lovelandproducts.ca or speak to your local Nutrien Ag Solutions branch for more information or to purchase this technology

Fertilizer Catalyst Technology



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Atlas XC is a catalyst that increases fertilizer availability, promotes nutrient mineralization to increase existing nutrient availability, and supports root growth through biochemical reactions with the plant.

How It Works

Dry Fertilizer
Treated with

ATLAS[®]
XC 

Untreated
Dry Fertilizer

1

Dry fertilizer
treated with
Atlas XC
applied to soil

2

Atlas XC
accelerates the
breakdown of
dry fertilizer

3

*More nutrients
available sooner*

4

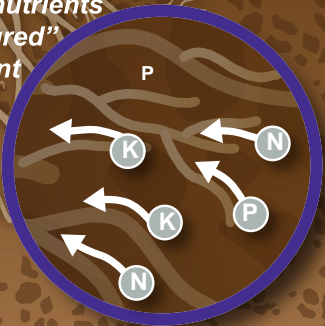
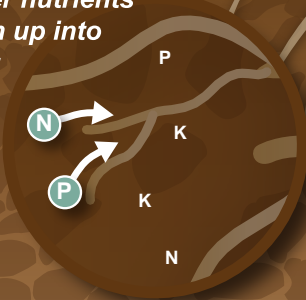
*More nutrients
"captured"
by plant*

2

*Less breakdown
of granular fertiliser*

3

*Fewer nutrients
taken up into
plant*





At a Glance

Application	<ul style="list-style-type: none">• Dry fertilizer impregnation
Target nutrients	<ul style="list-style-type: none">• Broad spectrum
Functioning components	<ul style="list-style-type: none">• Concentrated biochemistry
Primary mode of action	<ul style="list-style-type: none">• Increases mineralization and availability of nutrients in dry fertilizer blends
Features	<ul style="list-style-type: none">• Effective in a wide variety of soil types & across different crops• Compatible with P & K fertilizers, MESZ, MES, pell lime, sulfate of potash, ammonium sulfate & gypsum• Shelf stable



Uses and Rates

Dry Fertilizer	Recommended Rate
Phosphate (MAP 11-52-0, DAP 18-46-0, MES, MESZ) blends, potassium blends, sulfate of potash (SOP), ammonium sulfate (AMS), pell lime, gypsum and blends with urea	1-2 liters per tonne



**For More Information
Contact Your Nutrien Ag Solutions Retailer**

**Nutrien Ag Solutions
3735 Quance Street E, Unit D
Regina, Saskatchewan
S4V 3A4
Canada**

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