

# Silage Starter Advance

## Product Profile

Unsurpassed preservation, excellent aerobic stability PLUS increased NDF digestibility of your homegrown forages

### Key Benefits

- **Bacterial stimulants** kick start bacteria and drive a robust fermentation
- **Exceptional lactic acid production** quickly drops pH, which:
  - Stops growth of pathogens and silage-spoiling organisms
  - Improves palatability by preventing formation of unpalatable compounds
  - Preserves more dry matter, minimizing losses
  - Increases nutrient retention and quality for optimal feed value
  - Inhibits the crop's natural protein degrading enzymes
- **Improved aerobic stability AND control of spoilage organisms at feed-out**
- **Increased NDF digestibility** and total energy content
- **Supports feed intake and milk production potential**
- **Inoculant color** aids visibility, safeguarding that inoculant is flowing to the crop
- **Backed by science** and practical experience

### Features

- Water soluble formulation
- Three strains of homofermentative lactic acid bacteria (LABs) tag team to effectively lower pH
- A fourth LAB strain uniquely produces lactic acid during storage and acetic acid at feed-out
- Delivers 150,000 CFUs/gram of inoculated silage when used as directed
- Added microbial stimulants aid in the rapid activation of bacteria
- Select enzymes with targeted sugar-releasing activities
- Crop specific enzymes spur ferulic acid esterase activity
- FD&C Blue #1 dye yields a brilliant blue/green upon hydration

### Product Description

- A highly active, water soluble combination of lactic acid bacteria, microbial stimulants, sugar-producing enzymes and an acetic acid bacteria designed to drive a rapid fermentation and optimum silage stability.
- Added crop-specific enzymes which free cellulose from lignin increasing the NDF digestibility of the forage.
- Combined with your good management, Silage Starter Advance effectively preserves the dry matter, nutrients, palatability, stability, digestibility and profitability of your forage program from the “front-end” anaerobic phase to the “back-end” aerobic phase at feed-out.

This product is manufactured in ISO9001 and Safe Feed Safe Food facilities

### Available crop-specific versions:

*Corn Silage, Grass, Legume and Tropical Grass*

Product Name	Product Code for 50-treated tons	Product Code for 200-treated tons	Product Code for 500-treated tons
Corn/Cereal	SSC050	SSC200	SSC500
Grass	SSG050	SSG200	SSG500
Legume	SSL050	SSL200	SSL500
Tropical Grass	SST050	SST200	SST500

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### Application Instructions

- This product is a water-soluble formulation. Full contents of jar should be dissolved into the appropriate quantity of warm (NOT HOT) non-chlorinated water, and delivered via properly calibrated application equipment at one quart per ton of fresh silage. Product can be applied via low-volume low-pressure applicators at equipment manufacturer's rates. See label for specific instructions.

### Ingredients

- *Pediococcus pentosaceus*, *Pediococcus acidilactici*, *Lactobacillus plantarum*, *Lactobacillus brevis*, cellulase, xylanase, sugars, manganese sulfate

### Packaging & Form

- Moisture-sealed jars available in 50-, 200- and 500-treated ton sizes
- Creamy white fine textured powder with a faint sweet aroma

### Storage

- This product contains live microorganisms
- Store in a cool dry place in original packaging
- To maximize shelf life, store product in a refrigerator
- Do not freeze
- Avoid exposure to high temperatures
- Use within one year from date of purchase

McNess inoculant products include Core Technologies provided by Micron Bio-Systems



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