

Forage Preservatives

*Trademarks of Volac International Limited.
**Trademarks of International Stock Food International Limited.

The foundation of your herd's nutritional program is your forage base. Optimizing forage quality results in less out-of-pocket feed costs and helps maximize animal productivity. ADM provides a wide array of silage preservative products to help meet key production objectives. ADM offers two premier lines of forage preservatives; Ecosyl^{®}* (from Volac International Limited) and International Stock Food (ISF) products.

Ecosyl Products

Ecosyl silage inoculants feature MTD/1, a specific strain of *Lactobacillus plantarum* that has been proven through extensive research to provide effective fermentation across a wide range of crops, temperatures and pH levels. Ecosyl Ecocool[®]* provides a combination of MTD/1 *Lactobacillus plantarum* and PJB/1, a unique strain of *Lactobacillus buchneri* isolated by Volac and proven on a range of forage crops to inhibit the activities of the yeasts and molds that cause aerobic spoilage of silages. Ecocool Grain provides the same MTD/1 + PJB/1 combination specifically for high-moisture grain application. Ecosyl MTD/1 products are available in dry and water soluble options. Ecocool and Ecocool Grain products are available in water soluble form.

ISF Products

ISF silage preservatives provide a unique mode of action utilizing sulfur compounds that in the presence of moisture and plant acids retard the growth of undesirable aerobic bacteria and fungi (molds and yeast), thus saving available sugar for lactic acid production. The sulfur compounds act as oxygen scavengers which rapidly stop the growth of undesirable bacteria, molds and yeast. Silo Guard II provides a combination of sulfur compounds, enzymes and sugars that act as a fermentation aid and mold and yeast inhibitor with application across all forages. Hay Guard[®]** is specifically formulated for hay application and provides a combination of sulfur compounds. Ration Guard[®]** is another offering providing a patented means to inhibit mold growth and limit secondary fermentation in grain mixes and total mixed rations. For those seeking a certified-organic option, ISF's Eureka[®]** provides a dry applied option for all forage types. Silo Guard[®]** II is available in both dry and direct liquid-applied forms. Hay Guard is available in liquid application. Eureka and Ration Guard are available in dry-applied form.

Program Details

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[FY24 Retail
ECOSYL Forage Preservation Early Commitment Form](![--$wcmUrl('resource', 'WCTRPRD_020704')--])

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[FY24 Wholesale
ISF Forage Preservation Early Commitment Form](![--$wcmUrl('resource', 'WCTRPRD_020705')--])

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[FY24 ISF Wholesale Direct Ship Forage Preservation Early Commitment Form \(Liquid\)](![--$wcmUrl('resource', 'WCTRPRD_020706')--])

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[FY24 ISF Wholesale Direct Ship Forage Preservation Early Commitment Form \(DRY\)](![--$wcmUrl('resource', 'WCTRPRD_020707')--])

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[FY24 Retail ISF Forage Preservation Early Commitment Form](![--$wcmUrl('resource', 'WCTRPRD_020708')--])

Employees

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[FY24 Forage Program Webinar](![--$wcmUrl('resource', 'WCTRPRD_549766')--])

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More Information

[Crop Care Liquid Applicators](![--$wcmUrl('resource', 'WCTRPRD_021469')--])

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[Dohrmann Applicators](![--$wcmUrl('resource', 'WCTRPRD_021470')--])

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[Dohrmann Low-Volume Applicator Brochure](![--$wcmUrl('resource', 'WCTRPRD_021471')--])

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[Ecocool/Ecocool Grain brochure](![--$wcmUrl('resource', 'WCTRPRD_021472')--])

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[Ecosyl Beef Potential](!$wcmUrl('resource', 'WCTRPRD_021473')--])

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[Ecosyl FAQ](!$wcmUrl('resource', 'WCTRPRD_021474')--])

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[ECOSYL for consistently better forage](!$wcmUrl('resource', 'WCTRPRD_021475')--])

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[Ecosyl Haylage Dry Matter Recovery](!$wcmUrl('resource', 'WCTRPRD_021476')--])

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[Ecosyl-More Milk](!$wcmUrl('resource', 'WCTRPRD_021477')--])

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[Ecosyl Silage Additive Brochure](!--$wcmUrl('resource', 'WCTRPRD_021478')--])

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[Ecosyl Silage Additive Leaflet](!--$wcmUrl('resource', 'WCTRPRD_021479')--])

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[ECOSYL – The Facts – Sales Aid](!--$wcmUrl('resource', 'WCTRPRD_021480')--])

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[Hay Guard Beef Cattle Flyer](![--$wcmUrl('resource', 'WCTRPRD_021484')--])

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[HayGuard brochure 2015 from ISF](![--$wcmUrl('resource', 'WCTRPRD_021485')--])

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[Hay Guard Dairy Cow Flyer](![--$wcmUrl('resource', 'WCTRPRD_021486')--])

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[Hay Guard-Equine](![--$wcmUrl('resource', 'WCTRPRD_021487')--])

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[Hay Guard Sell Sheet](![--$wcmUrl('resource', 'WCTRPRD_021488')--])

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[Ration Guard
Sell Sheet](![--$wcmUrl('resource', 'WCTRPRD_021491')--])

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[Ration Guard
Sell Sheet-Feed Mill](![--$wcmUrl('resource', 'WCTRPRD_021492')--])

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[Silage
Inoculants Can Be Cost-Effective – Hay and Forage Grower](![--$wcmUrl('resource', 'WCTRPRD_021493')--])

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Using Silage Additives – Hay and Forage Grower

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What to Do with
Drought-Stressed Corn Silage

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Silo Guard
Application Rate Card

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– RationGuard and ThermalCare Sales Sheet