

AMS.... Building a Better Future for Agribusiness

Advanced

CORN

Fractionation Technology
(With Small Grain Capabilities)



zea mays



High Performance
Fermentation
Feedstock



High Oil Content Corn
Germ



High Total Dietary
Fiber Corn Bran

WHY APPLIED MILLING SYSTEMS?

As Market Conditions Change And Ethanol Plants Evolve To Become More Profitable, The Producer's Question Becomes Not "Should I Fractionate?", But "What Fractionation Technology Should I Use?" AMS Offers The Following Advantages:

- **We Are Millers And Mill Designers.** AMS Has Over 60 Years Of Experience In Process And Mill Design.
- **Conditioning.** AMS' Conditioning Method Allows For Optimum Separation Efficiency And Purity Of Both Bran And Germ. Conditioning Also Mellowes The Endosperm, Which Increases The Life Of Equipment And Parts, Allows For More Efficient Reduction, And More Complete Saccharification.
- **Multiple Grain Processing Capabilities Within The Same Plant.** The AMS Standard Fractionation Facility Will Fractionate Much More Than Just Corn, Including Hard Wheats, Soft Wheats, Triticale, Rye, Barley, And Milo.
- **Food Product Capabilities.** For Those Interested In Simultaneously Producing Food Products And Ethanol, AMS Offers The Experience To Produce Multiple Food Products In An AIB Certifiable Facility.



The Standard AMS Fractionation Plants Increase Existing 50/110MMGY Corn Plants To 70/130MMGY, As Well As Capabilities To Produce Up To 110MMGY On Small Grains. Guaranteed!*

* With ICM Process Design and Technology



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