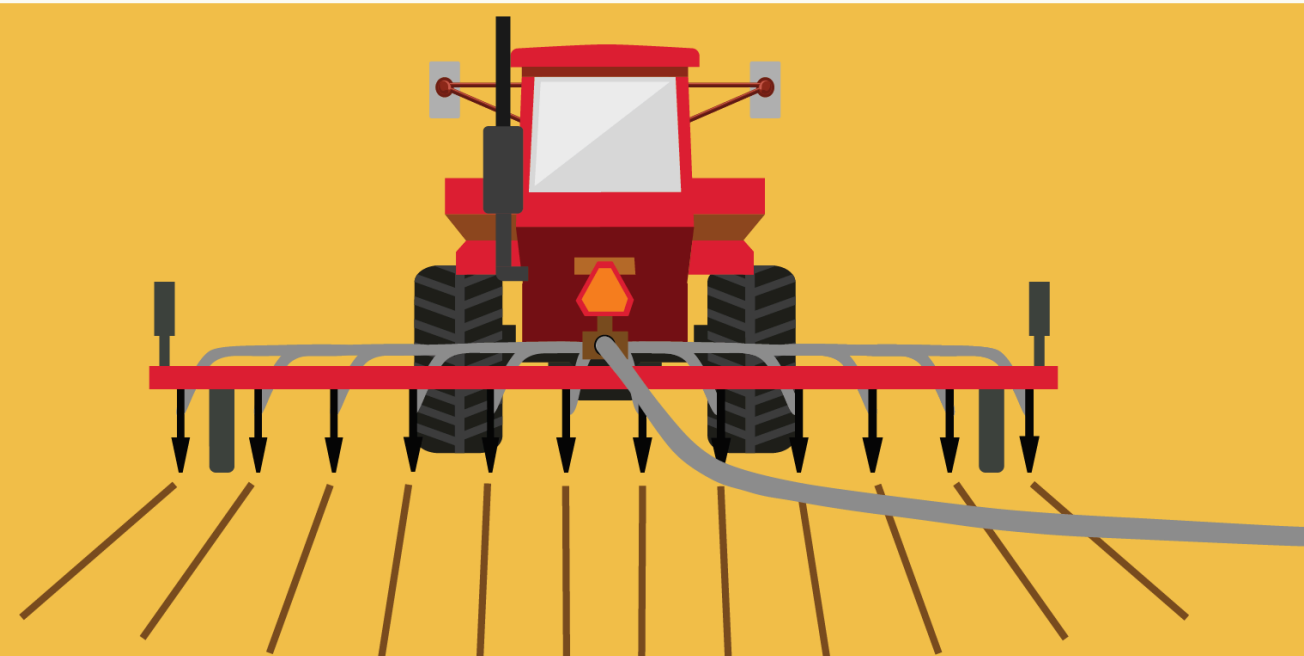


# THE POWER OF MANURE TIMING

# ENHANCING NITROGEN EFFICIENCY

- Most Iowa manure is fall applied
- Strategic N timing can reduce losses
- High-clearance irrigators improve ability to sidedress



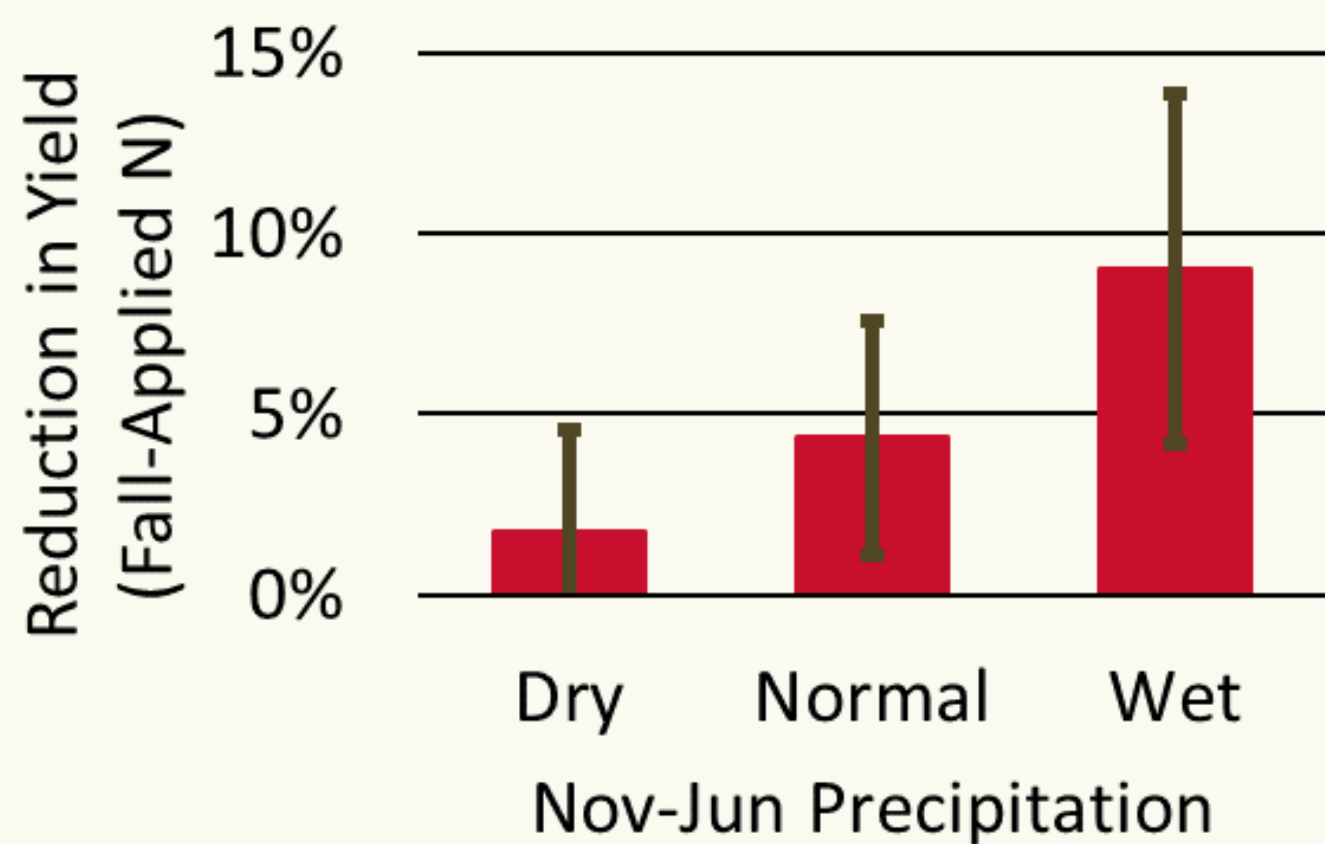
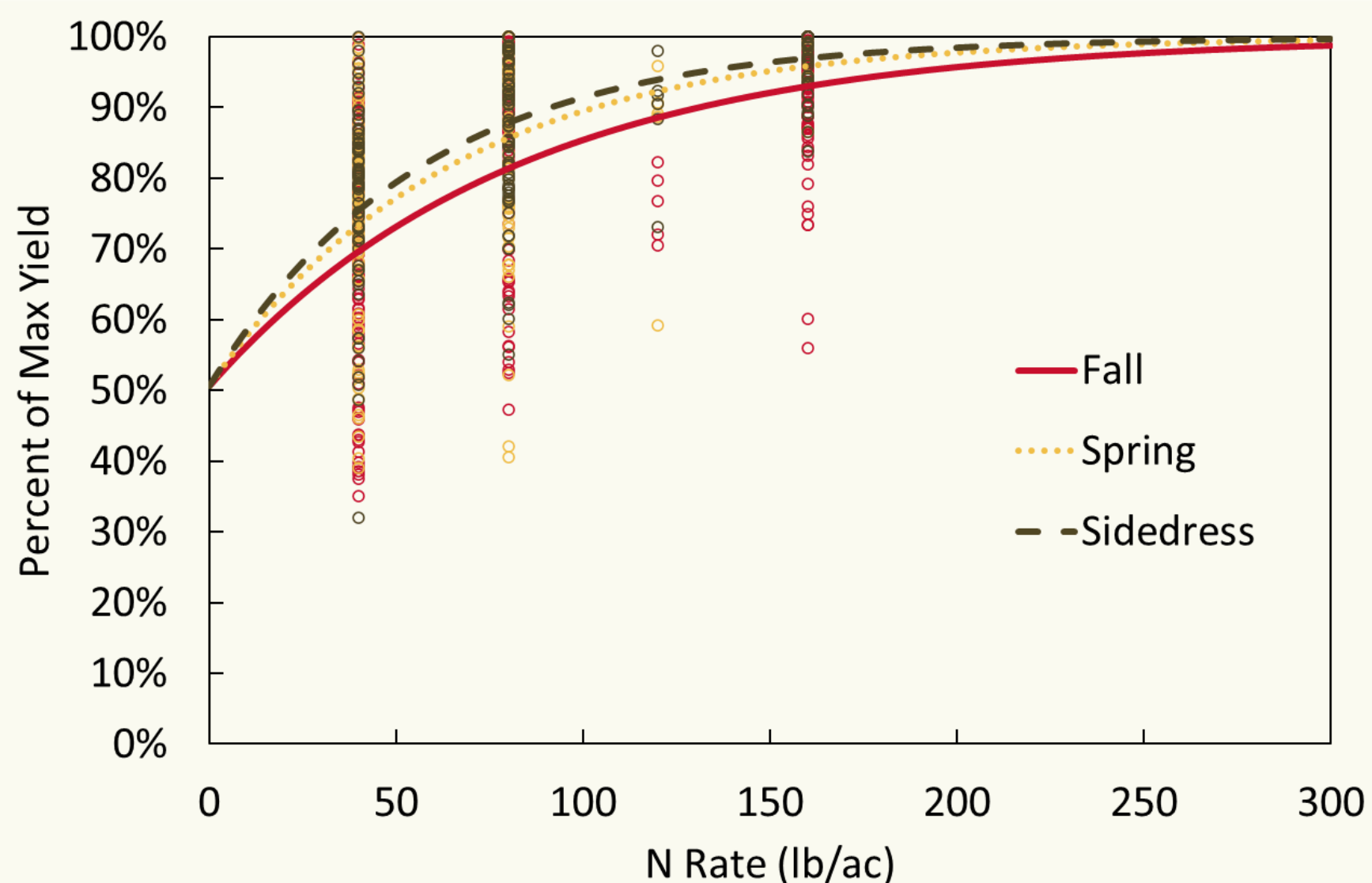
## N POWER WITH TIMING

Based on a 36-year study from Lamberton, MN, the same crop response is expected for:

**255 lb N Fall**

**200 lb N Spring**

**176 lb N Sidedress**



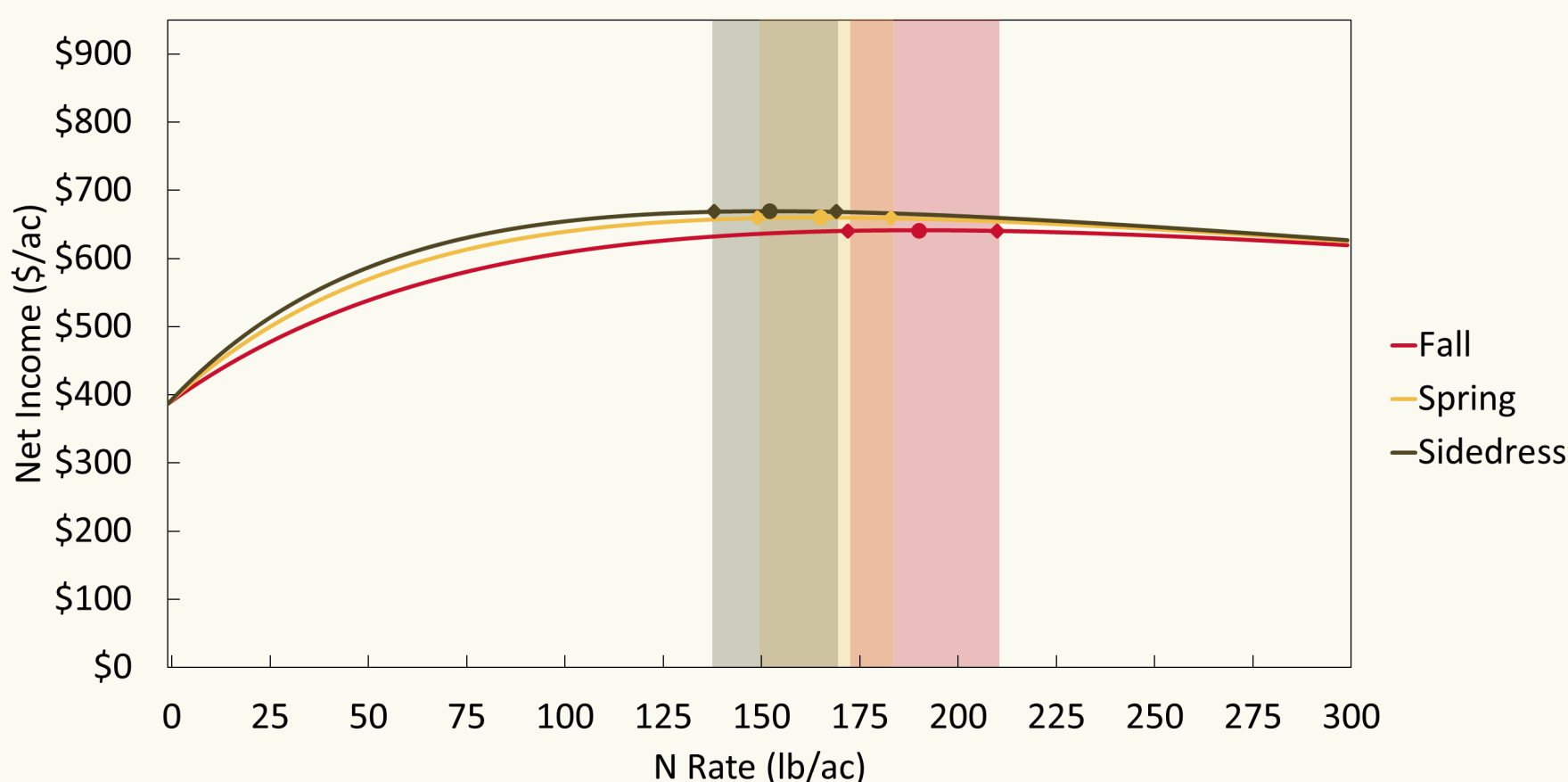
## WEATHER DEPENDENCE

Above-average rainfall increases opportunity for N loss and sensitivity to timing

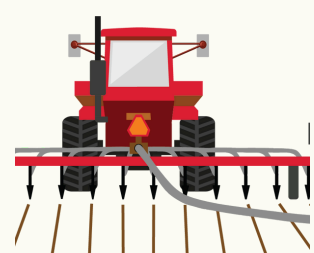


## ECONOMIC FAVORABILITY

Sidedress N application exhibits improved profitability at a lower N rate than both Spring and Fall application



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