2007 CMDC

Lee and Namuth
Plant Breeding Process

- Cross parents with different traits
- Select
- Self
- Select
- Self
- Select

Markers for Plant Breeders
- Trait easy to select
- Plant trait
- Molecular trait
- Help select difficult traits
- Timing
- Frequency
- Environment

Reading Traits in the Corn Genome

MABC Reduces Launch Time for new traits

Percent recovery of elite inbred

Traditional completion

Marker-assisted

1-2 year development time savings

Number of backcrosses