



# Strategies

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# Direct Strategies for Forage Crops

## Planting Options

Corn

Sudan/Sorghum

Alfalfa

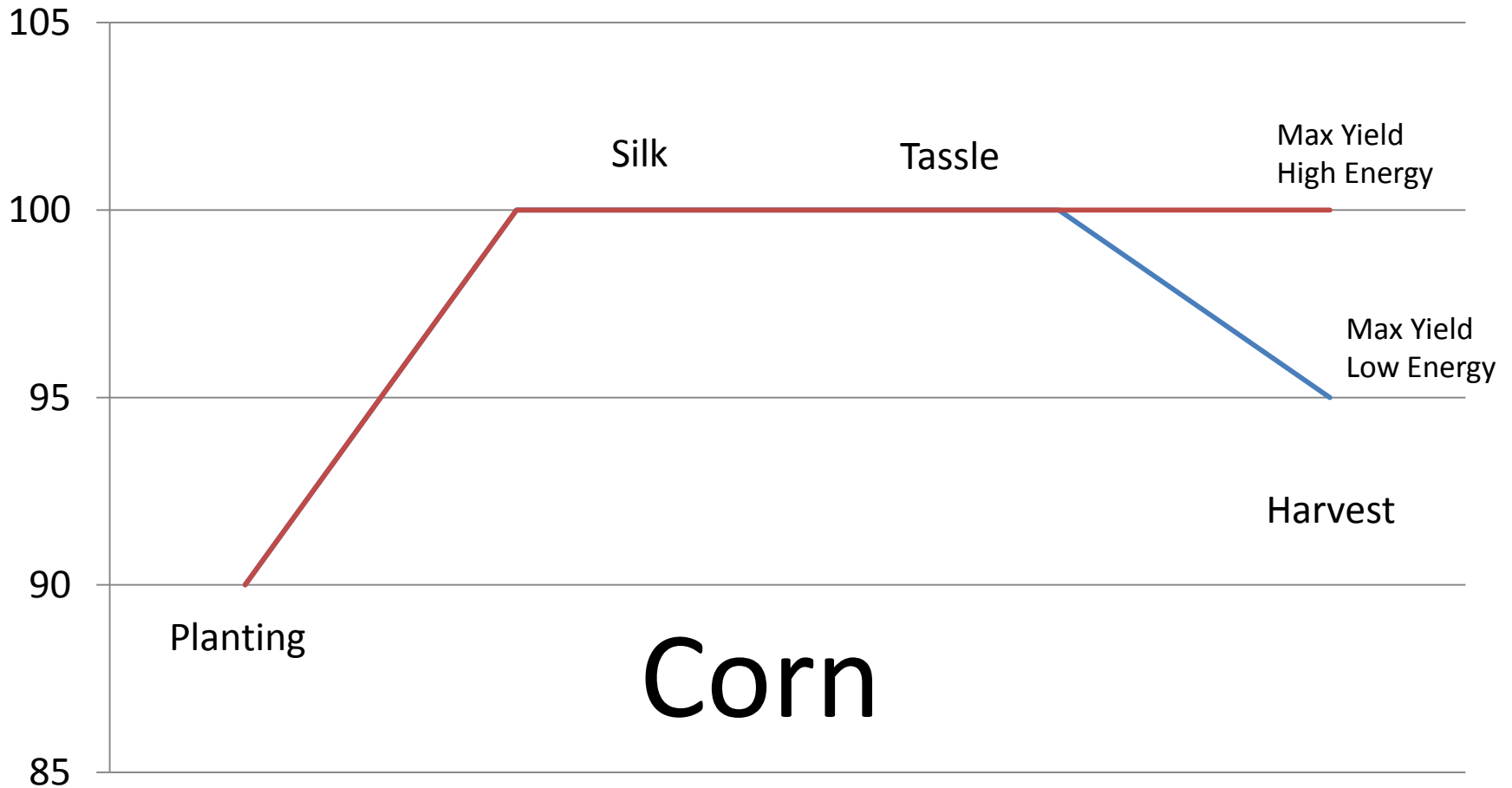


# Corn NEL under Drought Conditions

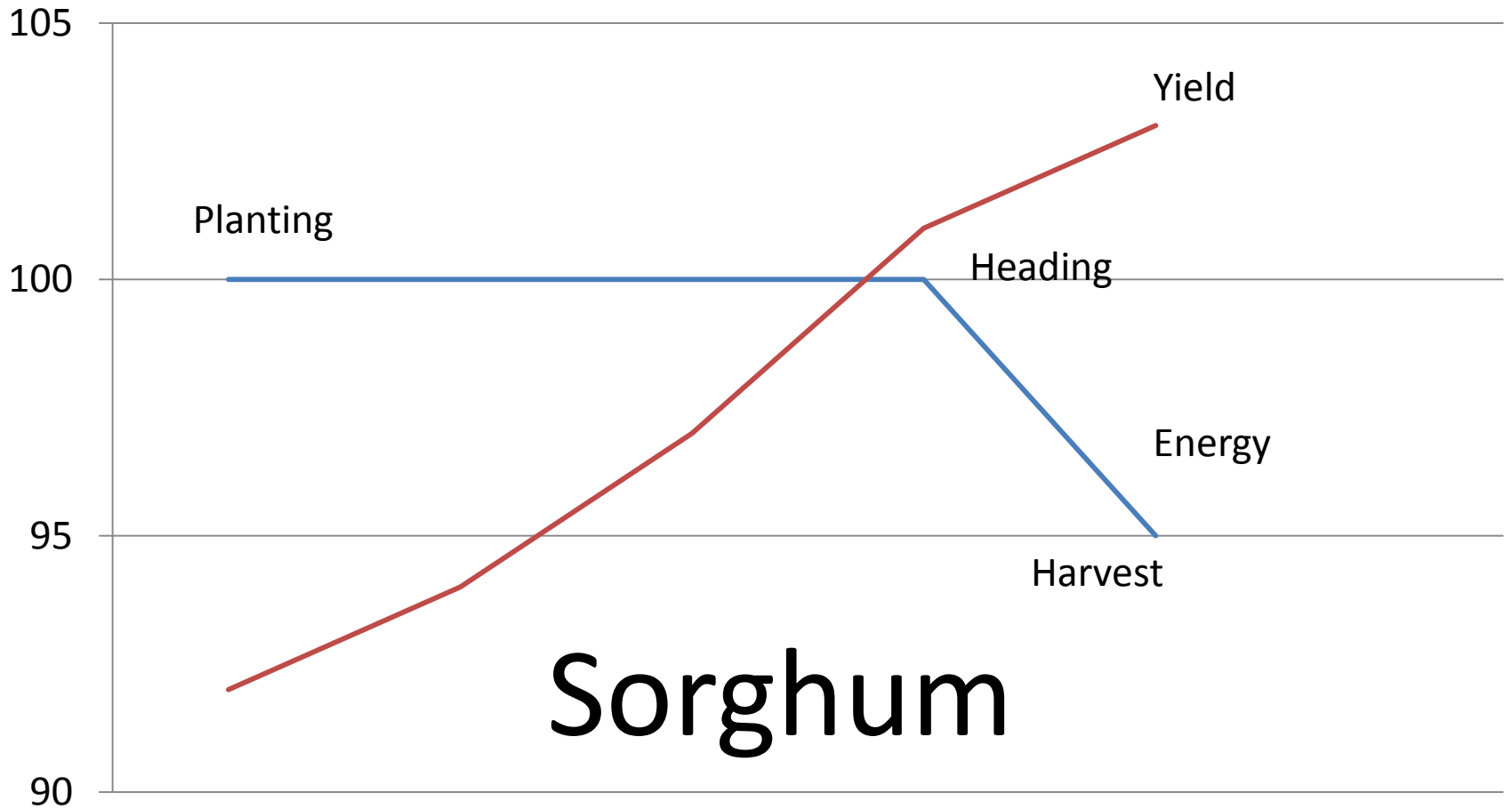
Statewide Total Average Energy for corn silage is down for the past year

	Hanford	Turlock	Woodland
Drought Extent	More	Slight	Less
2013 Corn NE/LAC Mcal/Lb	.65	.71	.72

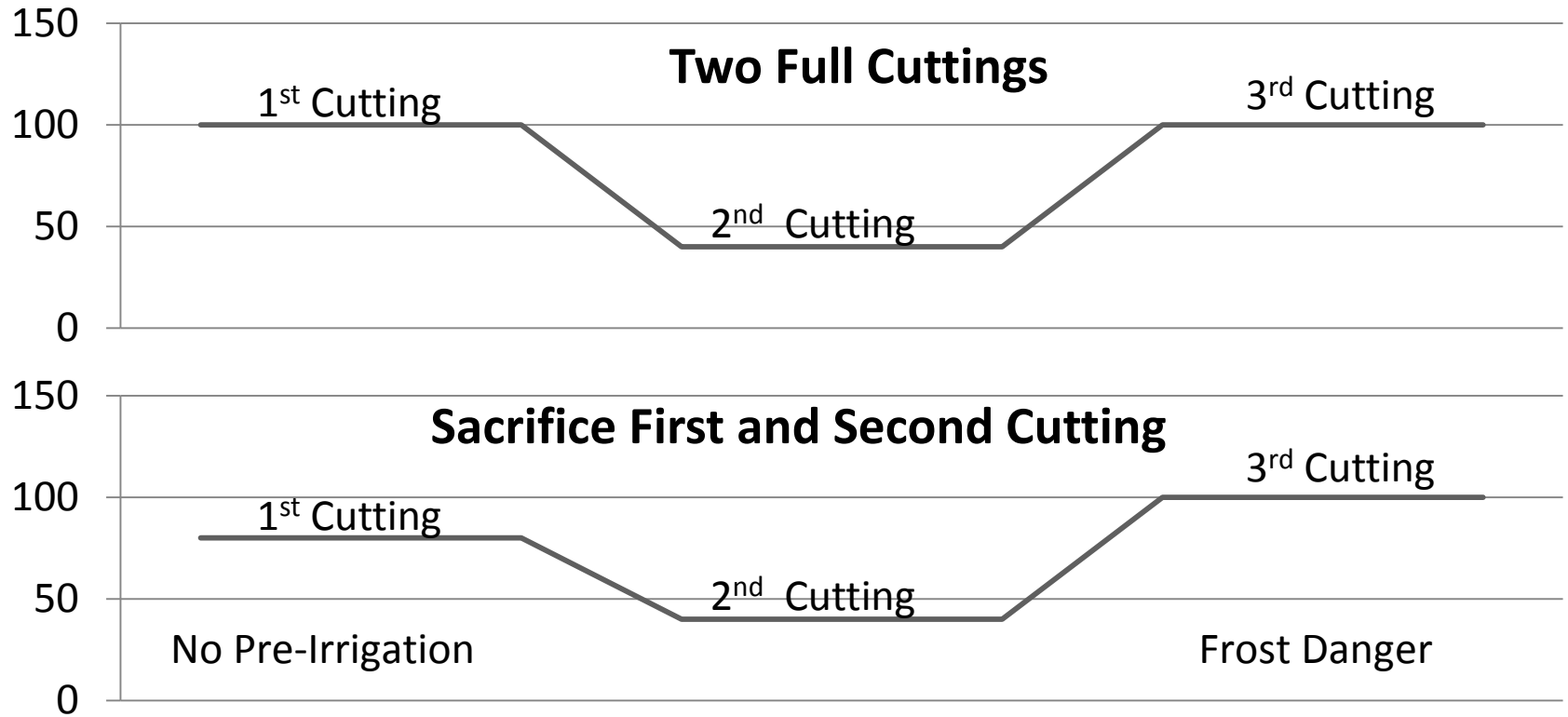
# Effects of Cutting Water on Yields and Energy



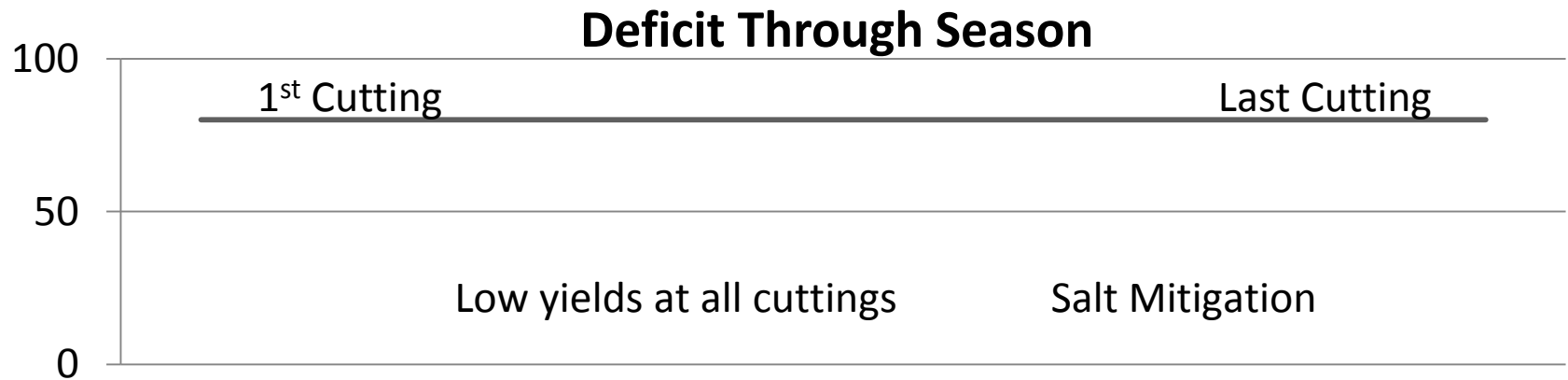
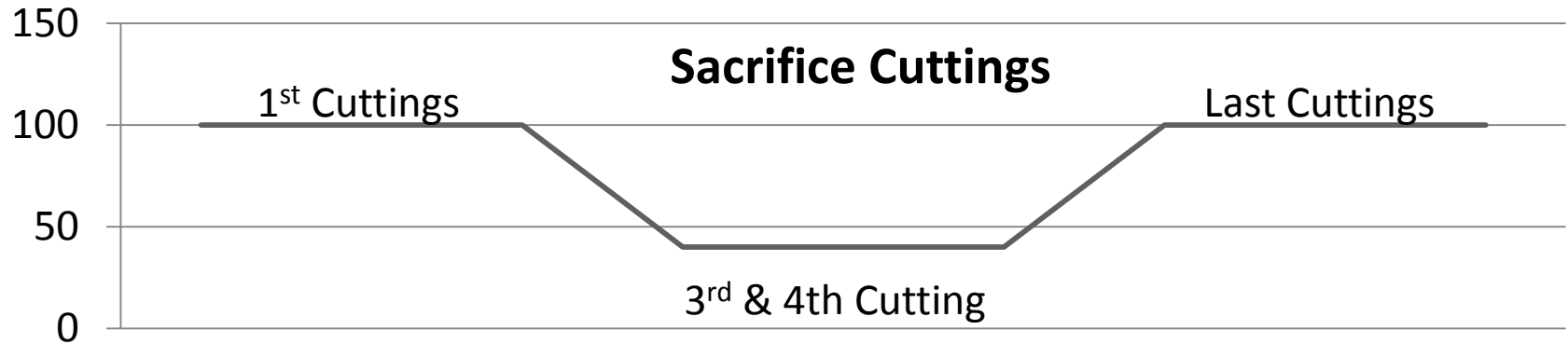
# Effects of Cutting Water on Energy



# Cutting Strategies Sorghum/Sudan



# Cutting Strategies Alfalfa



# Mitigating Factors That Influence Irrigation Strategies

- Sodium Levels
  - Salt Dome
  - Leaching
  - Leaf Burn
- Nitrate levels

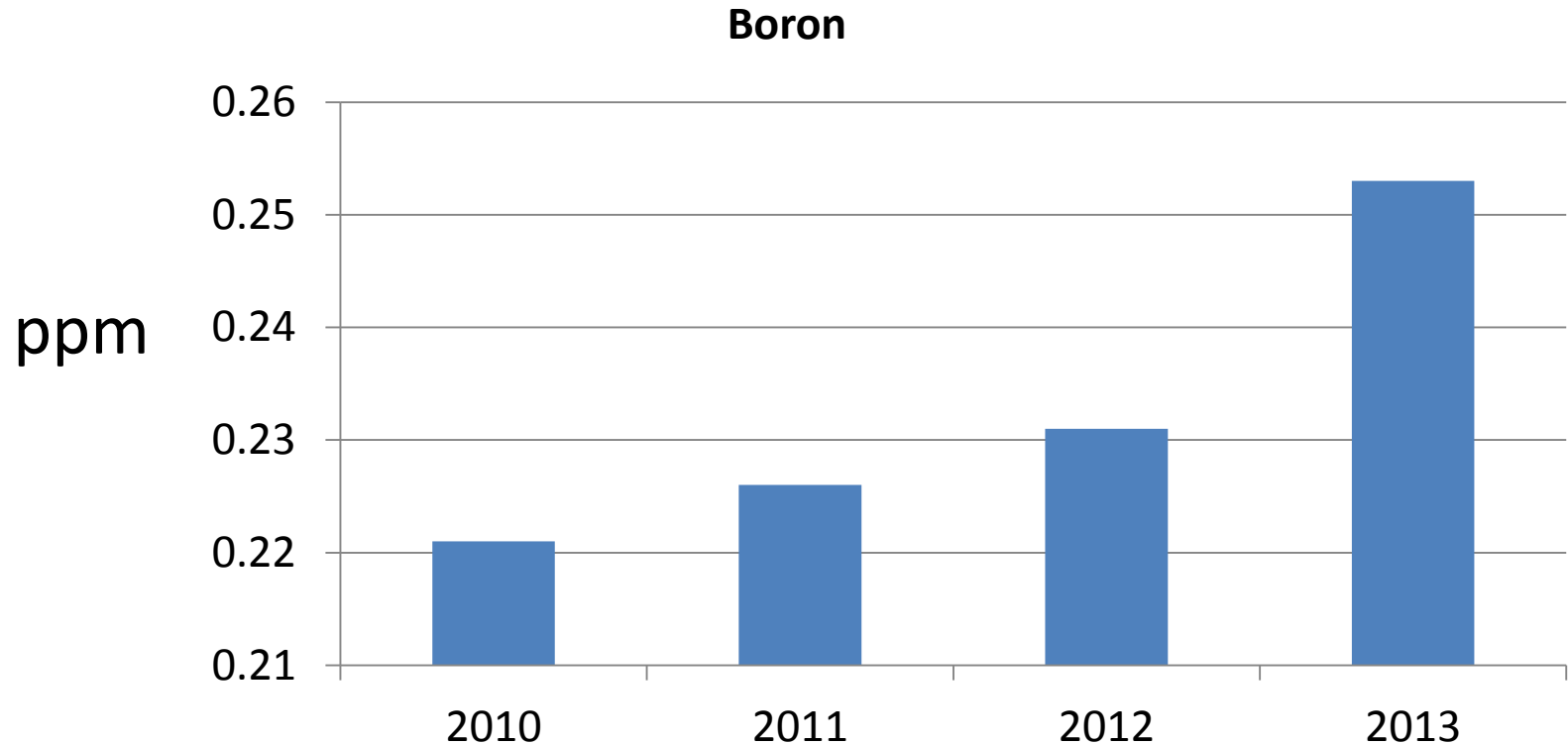
## Irrigation Suitability 3 Year average

	PPM – NO3-N	Lb/Acre/in	Lb/Acre/ft	Lb/3 Acre/ft
2012-2013-2014	41	9.26	111.48	336.36
2010-2011-2012	23	5.21	52.64	187.56



# Mitigating Factors in Dry Years

## ZN – B – CU - MN



# Any Questions?

