

**Basic Life Strategies**

- Both species depend on rapid growth and high seed production
- High summer or fall precipitation favor brome germination
- High spring precipitation favors brome standing crop and seed

**Establishment and Spread**

Seeds may germinate in fall the year produced or enter a dormant state and germinate the next fall.

Seeds may germinate in spring.

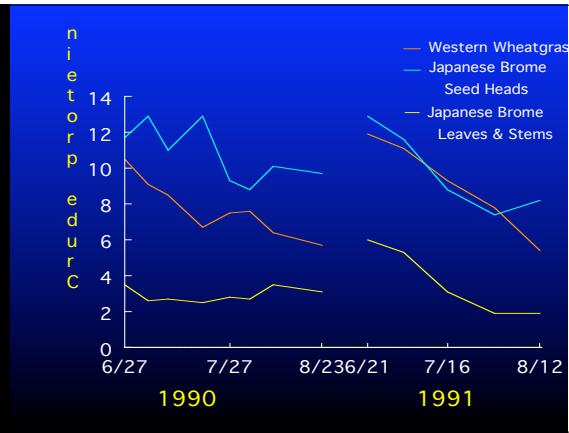


## Forage Production of Annual Bromes

Erratic

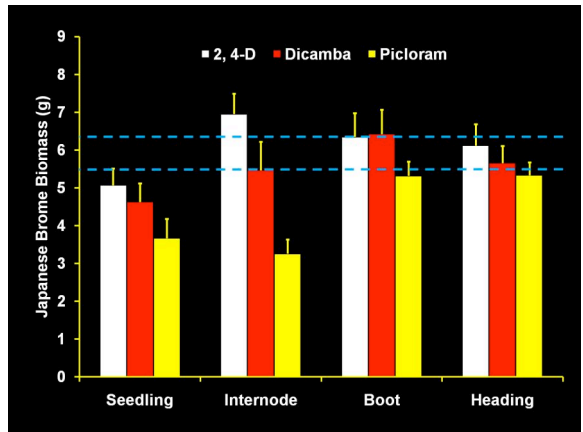
Amount dependent upon amount and distribution of precipitation, temperature, soil N, etc.

## Impact of Annual Bromes on Forage Quality

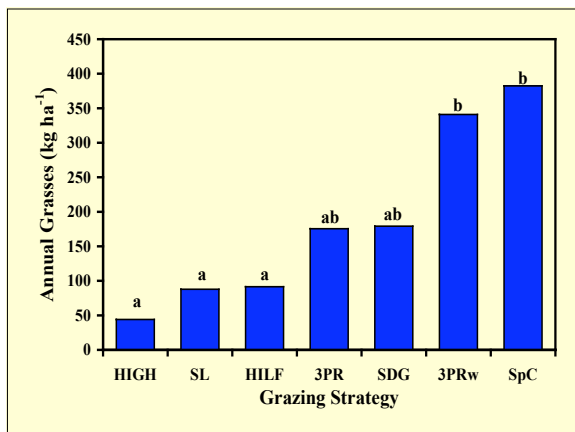
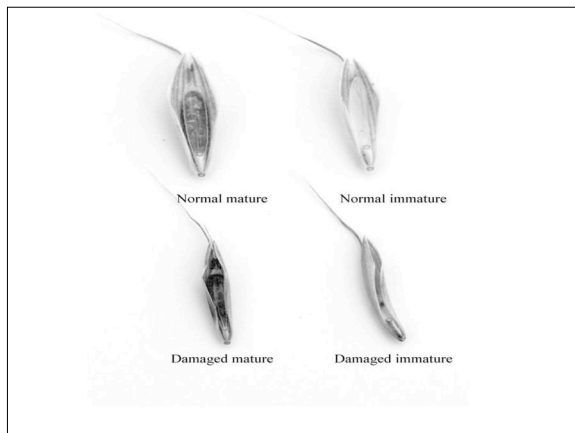
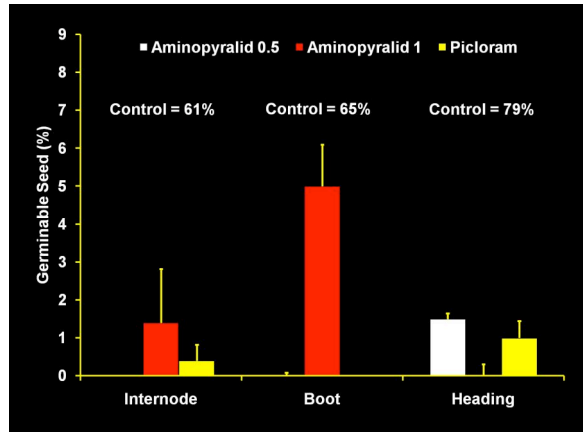
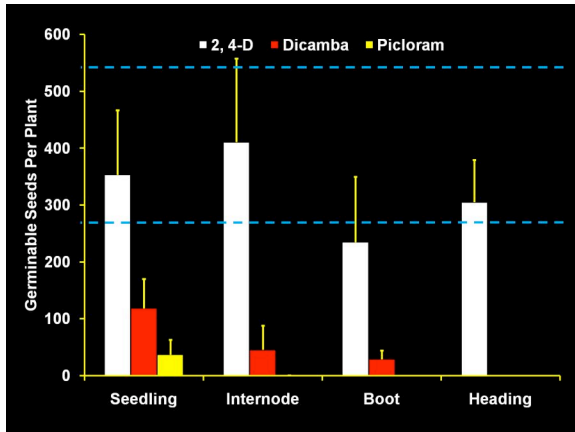


## Control Strategies

Control requires reduction of the seedbank over time.







## Best Grazing Practice

- Graze mid spring for best livestock gains and to reduce annual brome seed production and reduce mulch or litter
- Repeated early spring grazing increases brome
- Balance between intensity and timing

