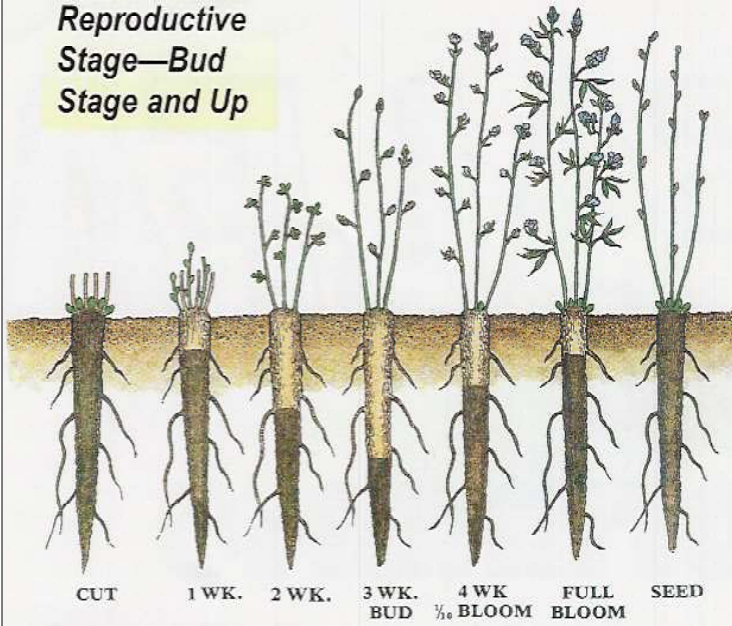


Alfalfa Growth

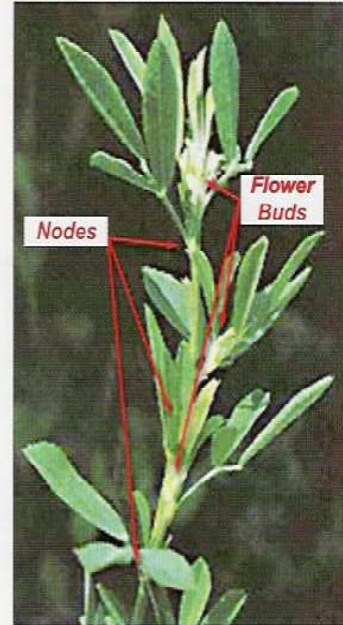
**Reproductive
Stage—Bud
Stage and Up**



**Vegetative Stage-
Up to Bud Stage**

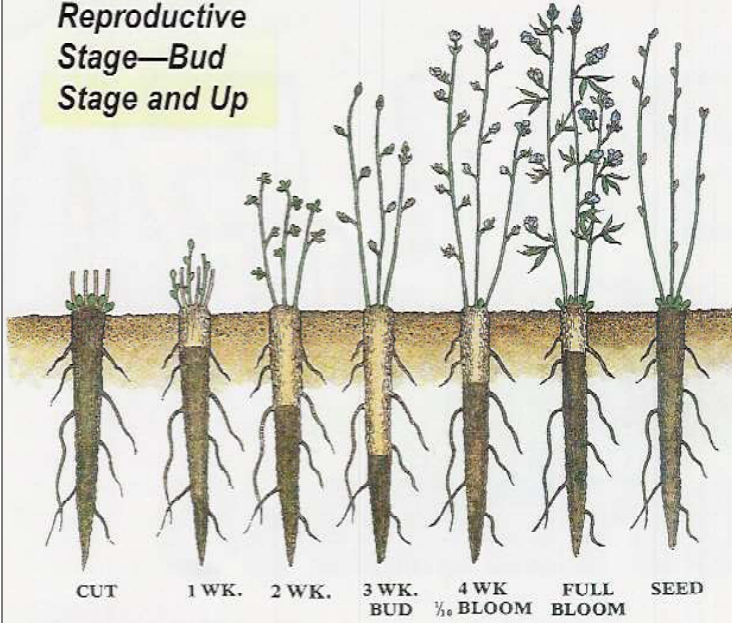
First Bloom

Source: *Alfalfa Production Handbook, KSU, 1987*



Alfalfa RFQ & Growth

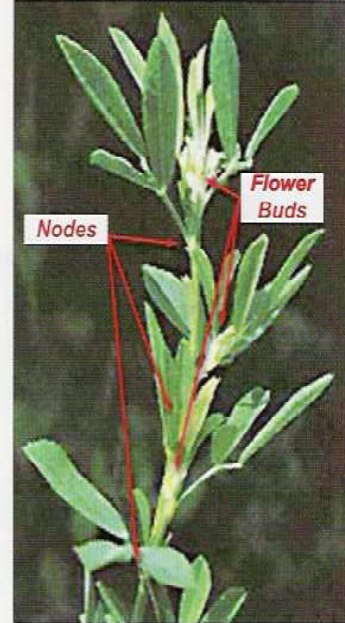
**Reproductive
Stage—Bud
Stage and Up**



**Vegetative Stage-
Up to Bud Stage**

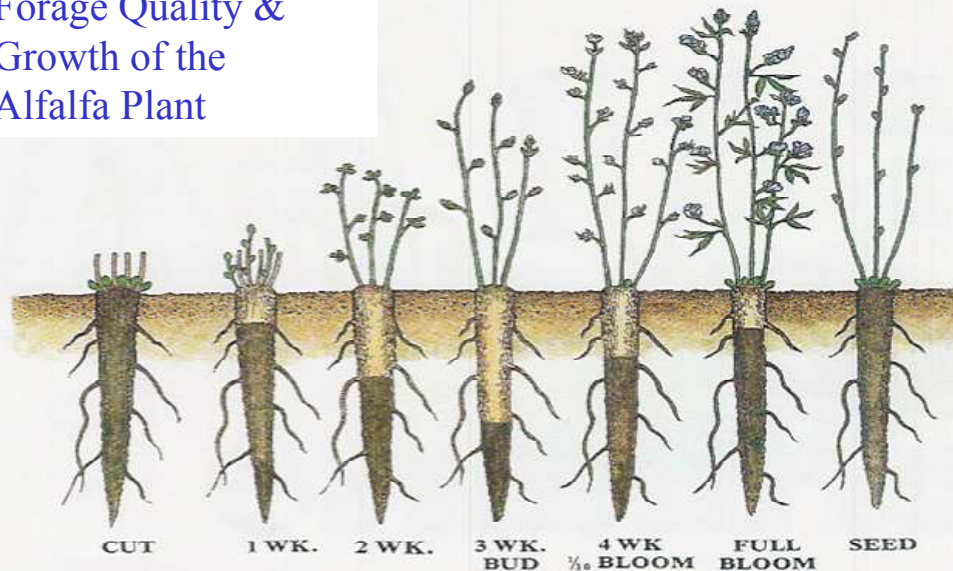
First Bloom

Source: *Alfalfa Production Handbook, KSU, 1987*



RFQ & Plant Growth

Forage Quality &
Growth of the
Alfalfa Plant



**Vegetative Stage-
Up to Bud Stage**

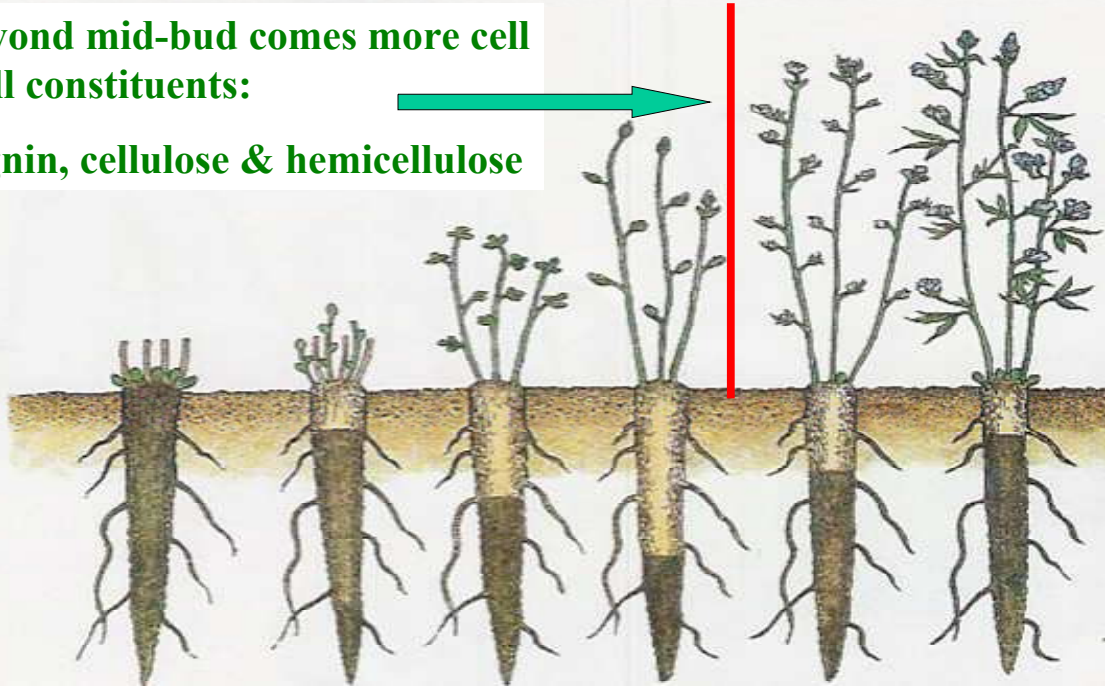
First Bloom

Source: Alfalfa Production Handbook, KSU, 1987

Plant Maturity Affects Quality

Beyond mid-bud comes more cell
wall constituents:

Lignin, cellulose & hemicellulose



Plant Maturity Affects Quality

Energy, CP, sugar, starch, fats & pectins drop as plant maturity continues. NDF accumulates and becomes less digestible

