

General PGR Requirements of Cotton Varieties in Adequate Soil Moisture Conditions

(PGR REQUIREMENTS VARY depending on environment – use only as a very general guide to categorize variety growth potential)

Classification		Varieties	PGR Recommendations
1	Varieties with the most vegetative growth potential, require intensive PGR management in irrigated or well-watered conditions	PHY 495 W3RF DP 1538 B2XF DG 3757 B2XF ST 6182 GLT DP1646 B2XF ST 5020 GLT PHY 444 WRF PHY 450 W3FE	Applications - MULTIPLE Initiation – 9 to 11 leaf stage (well-watered or timely irrigated conditions) in fields with history of rank growth Product – MC (all applications, rates vary)
2	Varieties slightly more responsive to PGRs or earlier in maturity. Pre-bloom applications often unnecessary in dryland conditions. If pre-bloom applications are needed, use low MC rates or Stance	PHY 444 WRF PHY 333 WRF DP 1522 B2XF NG 3406 B2XF ST 4946 GLB2 ST 6182 GLT ST 4848 GLT PHY 312 WRF DG 3526 B2XF DG 3605 B2XF PHY 450 W3FE DP 1639 B2XF PHY 340 WFE	Applications – ONE to MULTIPLE Initiation – Squaring to 1 st Bloom depending on soil moisture and field history Product - 1 st application - Stance or MC - Bloom or Later apps. – MC only
3	Varieties with least growth potential. May seldom or never need PGR applications, especially prior to bloom. Use low MC rates or Stance throughout season	ST 4946 GLB2 NG 3405 B2XF NG 3406 B2XF ST 4747 GLB2 DG 3385 B2XF DP 1614 B2XF NG 3522 B2XF DG 3526 B2XF NG 4601 B2XF	Applications – SELDOM to ONE Initiation - Bloom initiation nearly always Product - 1 st app. (Stance or MC, low rates) - seq. applications - Stance or MC