## General PGR Requirements of Cotton Varieties in Adequate Soil Moisture Conditions

*Note: PGR REQUIREMENTS VARY depending on environment – use only as a very general guide to categorize variety growth potential.*

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<th>Classification</th>
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| **1** Varieties with the most vegetative growth potential, require intensive PGR management in irrigated or well-watered conditions | PHY 495 W3RF, DG 3757 B2XF, DP1646 B2XF, PHY 444 WRF, DG 3605 B2XF, DP 2038 B3XF | 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, DP 1522 B2XF, ST 4946 GLB2, ST 4848 GLT, DG 3526 B2XF, PHY 450 W3FE, PHY 340 W3FE, DP 1835 B3XF, DG 1702 GLT, DP 1916 B3XF, PHY 350 W3FE, DG 3570 B3XF | Applications – ONE to MULTIPLE  
Initiation – Squaring to 1st Bloom depending on soil moisture and field history  
Product - 1st 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 3406 B2XF, DG 3385 B2XF, NG 3522 B2XF, NG 4601 B2XF, ST 5471 GLTP, PHY 350 W3FE, NG 4098 B3XF | Applications – SELDOM to ONE  
Initiation - Bloom initiation nearly always if needed  
Product - 1st app. (Stance or MC, low rates)  
- seq. applications - Stance or MC |