

UGA's Relative PGR Requirements of Cotton Varieties
(PGR REQUIREMENTS VARY – use only as guide)

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Classification		Varieties	PGR Recommendations
1	Varieties with the most vegetative growth potential, require intensive PGR management	DP 1050 B2RF DP 1137 B2RF DP 1252 B2RF DP 1538 B2XF DP 1553 B2XF PHY 499 WRF PHY 575 WRF DP 0949 B2RF DP 1048 B2RF <i>DP 1555 B2RF DP 1646 B2XF</i>	Applications - MULTIPLE Initiation - PRIOR TO BLOOM Product – MC (all applications, rates vary)
2	Varieties with similar growth potential of 1 st class, yet more responsive to PGRs or earlier in maturity	CG 3787 B2RF DG 2610 B2RF DP 1639 B2XF DP 1454NR B2RF DP 1558NR B2RF PHY 565 WRF PHY 333 WRF PHY 552 WRF NG 5007 B2XF NG 5315 B2RF ST 6182 GLT ST 6448 GLB2 PHY 490 W3FE PHY 340 W3FE DP 1747NR B2XF CG 3885 B2XF	Applications – MULTIPLE, MOST CASES Initiation – Squaring to 1 st Bloom Product - 1 st application - Stance or MC - Sequential app. – MC only
3	Varieties may require PGRs, but pre-bloom initiation not typically necessary, could result in premature cutout, esp. in dryland conditions	DP 0912 B2RF DP 1133 B2RF DP 1518 B2XF DP 1522 B2XF PHY 330 W3FE PHY 450 W3FE PHY 339 WRF PHY 375 WRF PHY 427 WRF PHY 444 WRF PHY 487 WRF PHY 495 W3RF ST 4145 LLB2 ST 5032 GLT ST 5115 GLT ST 5020 GLT ST 5458 B2RF NG 4601 B2XF	Applications – ONE to MULTIPLE Initiation - Bloom initiation likely sufficient Product- 1 st app (Stance or MC, low rates) - seq. applications - Stance or MC
4	Varieties that may need no PGR applications, or almost always not applied prior to bloom	AM 1550 B2RF FM 1944 B2RF FM 1845 LLB2 FM 1740 B2RF NG 1511 B2RF NG 3405 B2XF ST 4747 GLB2 ST 4946 GLB2 ST 4288 B2RF ST 5289 GLT	Application – NONE to ONE Initiation - Bloom initiation almost always Product – Stance or MC (↓rates)