Liberty-based Programs				
Pre-plant (>21 days prior to planting)	**Pre-Emergence** (At planting)	**Early Post** (1-2 leaf stage, 15-18 days after planting)	**Mid Post** (4-5 leaf stage, 15-18 days after Early Post)	**Post-Directed** (>8-9 leaf stage, 15-18 days after Mid Post; limited cotton contract)
Valor 2 oz + Roundup 32 oz Add 2,4-D for horseweed, primrose, vetch, or wild radish -OR- Add dicamba for horseweed, Carolina geranium, or curly dock ---------- Waiting periods before planting vary by herbicide and tillage system. See *2015 Cotton Information* for additional information.	Warrant 3 pt + Reflex 10-12 oz -OR- Reflex 12-16 oz + Direx 1 pt -OR- Warrant 3 pt + Direx 1 pt ---------- Add paraquat 0.75 lb ai + Crop Oil 1% if weeds emerged	Liberty 29-43 oz + Warrant 3 pt (GlytTol or Xtend vars only) -OR- Liberty 29-43 oz + Dual Mag 1 pt (GlytTol or Xtend vars only) -OR- Liberty 29 oz (Widestrike vars) ---------- Target pigweed <3 in tall See *2015 Cotton Information* for more info regarding Liberty use in Widestrike cultivars	Liberty 29-43 oz + Warrant 3 pt (GlytTol or Xtend vars only; max of two Warrant applications per year) -OR- Liberty 29-43 oz + Dual Mag 1pt (GlytTol or Xtend vars only; max of one Dual application per year) -OR- Liberty 29 oz (Widestrike vars) ---------- See *2015 Cotton Information* for maximum Liberty/year and for info regarding Liberty use in Widestrike cultivars	Direx 1.5-2 pt + MSMA 2.5 pt (grasses < 1 inch) -OR- Direx 1.5-2 pt + Roundup 32 oz (grasses > 1 inch) ---------- See *2015 Cotton Information* for other directed options.