

Soil Adaptations and Plant Attributes of Legumes Grown in East & Southeast Texas

Species	pH	Soil Texture	Drainage	Maturity	Bloat Potential	Hard seed	Cold Tolerance
Alfalfa	> 6.5	Loam	Good	Perennial	High	Low	Good
Arrowleaf (Yuchi)	5.5 – 7.0	Sand, loam	Good	Late	Low	High	Good
Ball	5.5 – 8.0	Loam, clay	Fair	Late	Low	High	Good
Berseem (Bigbee)	6.5 – 8.0	Loam, clay	Fair-poor	Late	Low	Low	Poor
Crimson	5.5 – 8.0	Sand, loam, clay	Good	Early	Medium	Low	Good
Red	6.5 – 8.0	Loam, clay	Good	Late-biennial	Low	Low	Good
Rose (Overton R18)	5.5 – 8.0	Sand, loam, clay	Good	Medium	Low	High	Good
Sweetclover (Hubam)	> 6.5	Loam, clay	Good	Late	Low	Low	Good
Vetch (Hairy)	5.0 – 8.0	Sand, loam, clay	Fair	Late	Low	Medium	Good
White (LA S-1)	5.5 – 7.5	Loam, clay bottom	Fair-poor	Late-perennial	Medium	High	Good

Source – Texas Forage and Grassland Council