

Forages for Livestock and Wildlife

Crop - common name (legume inoculant group ¹)	lb/ bu	1,000 Seed/lb	Broadcast ² lb/A	Depth, inches	Target pH
Alfalfa - Al	60	225	12-20	¼ - ½	7.0
Alyceclover - Cp	60	300	12-15	¼ - ½	6.0
Bahiagrass	45	210	15-20	¼ - ½	5-5.5
Beggerweed – Florida - Cp	60	200	8-10	¼ - ½	6.0
Bermudagrass –seeded	40	1800	8-10	0 – ½	5.5
Clover – arrowleaf - Cl	60	400	8-10	0 – ½	6.5
Clover – berseem - Cl	60	200	16-20	¼ - ½	6.2
Clover – crimson - Cl	60	150	20-26	¼ - ½	6.5
Clover – red - Cl	60	270	12-15	¼ - ½	6.5
Clover – subterranean - Cl	60	54	18-22	¼ - ½	6.2
Clover – white - Cl	60	770	3-4	0 - ¼	6.5
Cowpea (Iron & Clay) - Cp	60	4	100-120	1-3	6.0
Crabgrass	25	825	3 - 10	¼ - ½	6.0
Desmodium – carpon - Cp	--	350	5-10	¼ - ½	6.0
Fescue - tall	20	225	16-20	¼ - ½	6.0
Guineagrass	--	750	4-6	¼ - ½	6.0
Indigo, hairy - Cp	--	200	6-8	¼ - ½	6.0
Lespedeza – Kobe - Cp	30	200	12-15	¼ - ½	6.2
Lespedeza – sericea - Cp	35	360	12-15	¼ - ½	6.2
Lupine – blue - Lu	60	2.5	60-80	½ - 1	6.5
Lupine – yellow - Lu	--	3.5	40-60	½ - 1	6.5
Millet – Browntop	56	110	20-25	½ - 1	6.0
Millet - Japanese	35	140	20-25	½ - 1	6.0
Millet - Pearl	50	85	20-25	½ - 1	6.0
Oats (grazed)	32	18	3-4 bu	¾-1½	6.0
Pea – Austrian winter - Vp	60	4	45-60	½ - 1	6.2
Pigeon Pea - Cp	--	6	20-25	1 - 2	6.0
Rye (grazed)	56	18	1½ -2 bu	1 - 2	6.0
Ryegrass - Italian	24	227	20-30	0 – ½	6.0
Savana Stylo -Cp	--	200	10-20	¾ - ½	6.0
Sorghum x Sudan	40	16	24-30	1 -¾	6.0
Sweetclover - Al	60	250	12-15	¼ - ½	6.5
Triticale (grazed)	48	14	1½ -2 bu	1 - 2	6.0
Vetch – common - Vp	60	10	40-50	½ - 1	6.2
Vetch – hairy - Vp	60	18	20-30	½ - 1	6.2

Vegetative Establishment

Forage Grasses – Bermudagrass, Digitgrass, Limpgrass, Hemarthria, Stargrass - Plant 15-30 bu/A of live sprigs (rhizomes or sod crowns) immediately following digging, Jan 15-Mar 15 or Jun 1-Aug 15 with adequate soil moisture. Sprig 2"-3" deep with commercial sprigger or broadcast over surface, disk leaving tips above soil surface. Cultipack or roll immediately. OR plant ½ - 1 ton of green tops broadcast, disked and packed.

Perennial Peanut – Plant 80+ bu/A, fresh underground stems (rhizomes) immediately after digging, Jan 15-Mar 15 or Jun 1-Aug 15 with adequate soil moisture. On well prepared seedbed, sprig 2"-3" deep with commercial sprigger. Cultipack or roll immediately. Irrigate to ensure successful establishment.

¹ Inoculant groups: Cp=cowpea, Al=alfalfa, Cl=clover, Lu=lupine, Vp=vetch/pea
² Seeding rate per acre reduced if drilled

Agronomic Crops

Crop - common name (legume inoculant group ¹)	lb/ bu	1,000 Seed/lb	Seeding Rate lb/A	Depth, inches	Target pH
Corn (18-32,000 seed/A)	56	1.5	4-10	1½ - 2	6.0
Cotton	30	4	6-9	¼ - ¾	6.5
Oats (grain)	32	18	2-3 bu	¾ - 1½	6.0
Peanut-Spanish/runner - Cp	43	0.65	60-100	1½ - 2½	6.0
Peanut-Virginia - Cp	43	0.55	90-135	1½ - 3	6.0
Rye (grain)	56	18	1-1½ bu	1 - 2	6.0
Sorghum (grain)	56	15	6-8	1 - 1¼	6.0
Soybean - Sb	60	3	40-65	1¼ - 2	6.0
Sunflower	25	5	6-8	1½ - 2	6.0
Wheat (grain)	60	18	1-1½ bu	1 - 2	6.0

Vegetative Establishment

Sugarcane – Plant Sep-Jan, 3-4 tons/A, with seed cane cut into short billets (about 2'), overlapped 50% in furrows 6"-8" deep in 5' rows. Cover, roll or cultipack.

Tobacco - Transplant from seedbed, Mar 10-Apr 10 in rows 42"-48" apart. Space plants 16"-24" in row.

¹ Inoculant groups: Cp=cowpea, Sb=soybean

Agencies to Assist You in Implementing BMPs

In addition to your County Extension Agent, you may find assistance in implementing BMPs from your local USDA Natural Resources Conservation Service office. The Florid Department of Agriculture and Consumer Services, Office of Agricultural Water Policy is a non-regulatory agency with technical specialists located at Water Management Districts to assist in assuring water quality. Contact them at:

North West Florida WMD Marianna, 850-482-9915

Suwannee River WMD Live Oak, 1-800-226-1066

St. Johns River WMD Palatka, 386-329-4812

South West Florida WMD Sarasota, 941-377-3722 & Tampa, 1-800-836-0797

South Florida WMD West Palm Beach, 561-686-8800

Rainfall Normals²: Monthly Totals for Florida Sites, inches

Site	J	F	M	A	M	J	J	A	S	O	N	D	Total
Milton	5.3	4.9	6.2	4.8	4.2	7.4	7.9	6.6	6.0	3.7	4.6	4.9	66.5
Marianna	4.2	4.4	5.5	5.0	4.0	5.1	7.4	6.4	4.8	2.3	3.2	4.3	56.6
Tallahassee	4.4	4.8	5.8	3.6	4.3	7.1	8.4	7.2	5.6	3.2	3.4	4.2	62.0
Lake City	3.7	3.7	4.5	3.1	3.5	6.6	7.3	7.1	5.5	2.9	2.2	3.0	53.1
Jacksonville	3.0	3.5	3.7	2.8	3.3	6.1	6.5	7.1	8.0	3.9	2.0	2.6	52.4
Gainesville	2.8	3.0	3.6	3.1	3.4	6.8	7.4	7.3	5.2	3.3	1.8	2.9	50.5
Tampa	2.1	3.0	3.1	2.0	2.6	6.6	7.5	7.9	6.4	2.4	1.6	2.2	47.5
Lake Alfred	2.4	2.7	3.6	2.6	4.2	7.6	7.5	7.4	6.7	3.0	1.9	2.1	51.5
Orlando	2.0	3.3	3.5	2.6	3.1	6.7	8.1	7.2	6.8	3.9	1.7	2.1	50.9
Arcadia	2.0	2.5	2.8	2.4	3.7	8.8	8.1	7.5	7.7	3.3	1.8	1.8	52.6
Immokalee	2.2	2.3	2.8	2.3	4.0	8.2	7.1	7.8	6.4	2.7	2.2	1.7	49.8
W Palm Bch	3.0	2.6	3.4	3.4	5.2	8.1	5.8	6.9	9.1	6.6	4.2	2.9	61.1
Miami	1.9	2.1	2.5	3.1	6.0	9.3	6.1	8.0	9.1	7.1	3.0	2.0	60.0

² Normalization period varies; refer to the NOAA Southeast Regional Climate Center
http://www.sercc.com/climateinfo/historical/historical_fl.html