

Cool Season Cover Crops for Northeast Florida

By: Brad Burbaugh, Agriculture Extension Agent

Planting Dates: October – November

Cover Crop	Seeding Rate (lbs/acre)	Seed Depth (inches)	Yield – Biomass (lbs/acre)	Yield – Nitrogen (lbs/acre)	Nitrogen Fixer	Nematode Depressor
White Clover	3 - 4	0 - ¼	1500 - 4500	35 - 120	Yes	No
Lupine	30 - 45	¾ - 1 ¾	2000 - 4500	45 - 120	Yes	Yes
Oats	20 - 40	1 - 2	1500 - 3500	20 - 40	No	Yes
Rye	84 - 112	1 - 2	3500 - 5000	30 - 50	No	Yes
Hairy Vetch	20 - 30	½ - ¾	1500 - 55000	35 - 150	Yes	Yes
Wheat	90 - 120	1 - 2	3500 - 5000	30 - 50	No	Yes



WHITE CLOVER



LUPINE



OATS



RYE



WHEAT



HAIRY VETCH

Warm Season Cover Crops for Northeast Florida

By: Brad Burbaugh, Agriculture Extension Agent

Planting Dates: March - July

Cover Crop	Seeding Rate (lbs/acre)	Seed Depth (inches)	Yield – Biomass (lbs/acre)	Yield – Nitrogen (lbs/acre)	Nitrogen Fixer	Nematode Depressor
Sorghum-Sudan	24 - 30	1	6500 - 9500	55 - 80	No	Yes
Southern Peas	10 - 20*	1 - 1 ½	3000 - 4000	25 - 50	Yes	Yes
Sunnhemp	30 - 50	¾ - 1	4500 - 10,000	90-180	Yes	Yes
Hairy Indigo	6 - 10	¼ - ½	4500 - 9000	80 - 150	Yes	Yes
Pearl Millet	24 - 30	¼ - ½	6000 - 8000	55 - 70	No	Yes
Velvet Bean	30 - 50	2 - 3	2200 - 4000	50 - 85	Yes	Yes ¹

* = naked (dehulled) seed 1 = toxic to nematodes



SORGHUM/SUDAN



SOUTHERN PEA



HAIRY VETCH



PEARL MILLET



SUNNHEMP



VELVET BEAN