

Treatment	Hyde County	Sampson County	Lenior County	Robeson County	Over All Sites
	----- Yield (bu/acre) -----				
MST (Seed trmt) @ 4 oz/cwt + SP1 (biological stimulator) @ 3 gpa + 10-27-0 @ 10 gpa	272.5	252.9	130.5	202.8	214.7
Albit (plant enzyme stimulator) @ 0.4 oz/a	270.9	242.0	144.0	196.8	213.4
Levitate (5-15-5 + Zn + biological catalyst) @ 3 gpa	270.9	255.2	126.7	194.8	211.9
10-27-0 @ 10 gpa	264.7	242.6	142.3	191.9	210.4
Levitate @ 3 gpa + Radiate (root growth hormone) @ 4 oz/a	271.9	249.5	122.7	197.3	210.3
Midnight (foliar 10-8-4-3 + Fe and Zn) @ 5 gpa	269.2	246.4	127.7	193.2	209.1
BioStrain (microbial strains/bacteria) @ 1 qt/a	263.7	249.1	127.8	192.7	208.3
Monty's Liquid Carbon (Humic acid) @ 2qt/a	255.9	246.6	131.6	195.1	207.3
Accomplish (Biological catalyst) @ 2 qt/a	276.8	244.7	n/a	191.1	205.1
Select (Seed Trmt) @ 6 oz/a Ag Formula (plant enzyme stimulator) @ 16 oz/a	255.0	240.4	129.5	190.2	203.8
Untreated Check	262.2	236.1	107.6	183.4	199.2

Treatment	Yield +/- over check	Gross Return @ \$5.00/bu	Cost of Treatment	ROI over check	Yield Over All Sites
	Bu/a	\$	\$	\$	Bu/a
MST (Seed trmt) @ 4 oz/cwt + SP1 (biological stimulator) @ 3 gpa + 10-27-0 @ 10 gpa	+ 15.5	\$77.50	\$67.70	\$9.80	214.7
Albit (plant enzyme stimulator) @ 0.4 oz/a	+ 14.2	\$71.00	\$5.38	\$65.62	213.4
Levitate (5-15-5 + Zn + biological catalyst) @ 3 gpa	+ 12.7	\$63.50	\$36.00	\$27.50	211.9
10-27-0 @ 10 gpa	+ 11.2	\$56.00	\$24.70	\$31.30	210.4
Levitate @ 3 gpa + Radiate (root growth hormone) @ 4 oz/a	+ 11.1	\$55.50	\$46.00	\$9.50	210.3
Midnight (foliar 10-8-4-3 + Fe and Zn) @ 5 gpa	+ 9.9	\$49.50	\$45.00	\$4.50	209.1
BioStrain (microbial strains/bacteria) @ 1 qt/a	+ 9.1	\$45.50	\$14.00	\$31.50	208.3
Monty's Liquid Carbon (Humic acid) @ 2qt/a	+ 8.1	\$40.50	\$12.50	\$28.00	207.3
Accomplish (Biological catalyst) @ 2 qt/a	+ 5.9	\$29.50	\$15.00	\$14.50	205.1
Select (Seed Trmt) @ 6 oz/a Ag Formula (plant enzyme stimulator) @ 16 oz/a	+ 4.6	\$23.00	\$34.44	-\$11.44	203.8
Untreated Check	0	0	0	0	199.2