

BIO SEED & BIO SHOT ON SOYBEAN YIELD, TN 2019

Dr. K. Bruce Kirksey. Agricenter International. Memphis, TN. bkirksey@agricenter.org

A 10' x 30' plot, 4-replicate trial, in P4255RR2X soybean, was planted at Agricenter International in Memphis, TN, on July 12, 2019, on a pH 6.3, 2.4% OM, good fertility and drainage Falaya silty loam soil, and was harvested on November 5, 2019. Foliar spray took place at 35 days after planting.

Bio Seed, at 50 g/ac in-furrow at planting, followed by Bio Shot at 40 ml/ac foliar spray, yielded 14.6 bu/ac or 35% significantly higher than the untreated control, with \$ 116.80 /ac. net profits (table & figs.).

Programs	yield	incr.	% in-crease	added	added	net
	bu./ac.			income	costs	
US \$/ac.						
Untreated Control	41.7 b	-	-	-	-	-
Bio Seed 50 g/ac IF, & Bio Shot 40 ml/ac foliar	56.3 a	14.6	35	136.80	20.00	116.80
LSD (P=0.05)	4.32					

Means followed by a common letter do not differ significantly (LSD 0.05).

