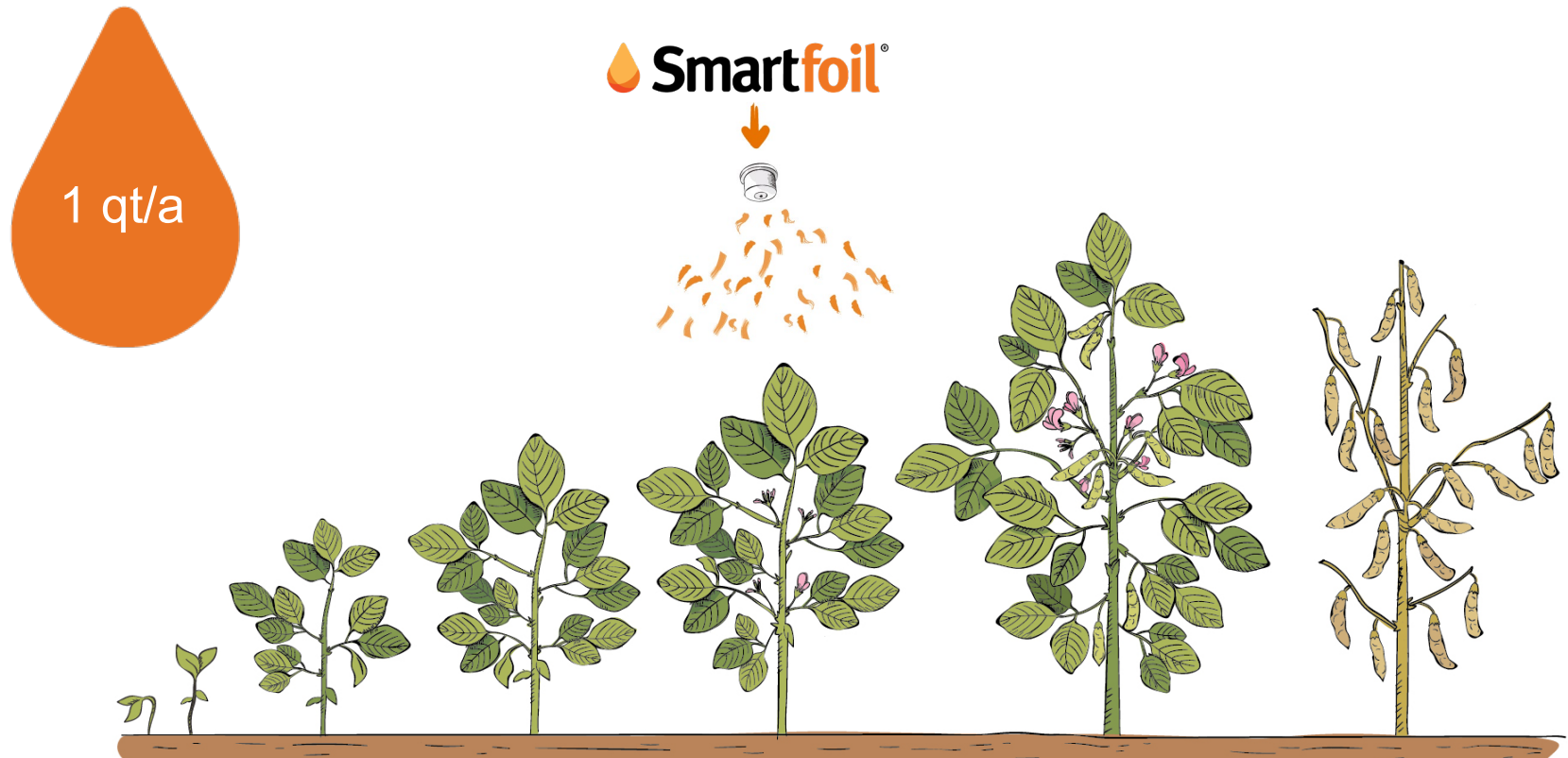


The division dedicated to plant protection, stimulation
and nutrition

**BUILT^{on}
TRUST**



1 application of 1 qt/a

Determinate (South = Group 5 and later) : **between stage R1 and R3**

Indeterminate (North group 00 to 4) : **stage R3 - R4 preferred due to longer flowering**

US DATA





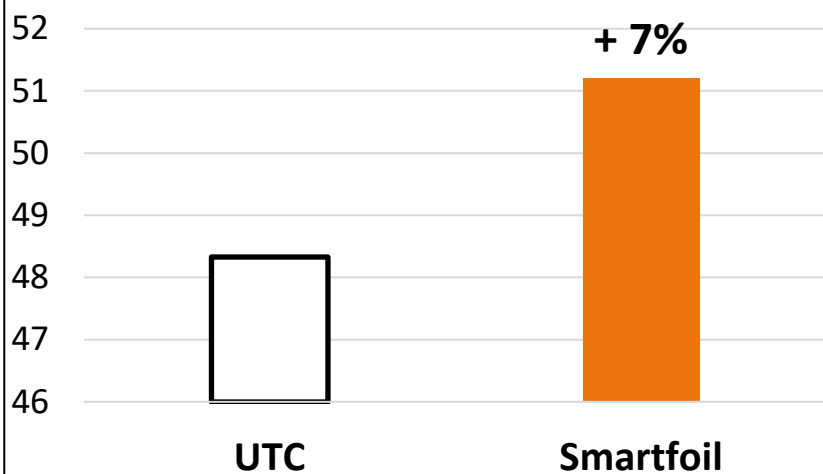
Synthesis of 10 trials done in USA between 2015 and 2018

States: Arizona / Arkansas / Kansas / Iowa / Missouri / Nebraska / Texas (x3)/Georgia

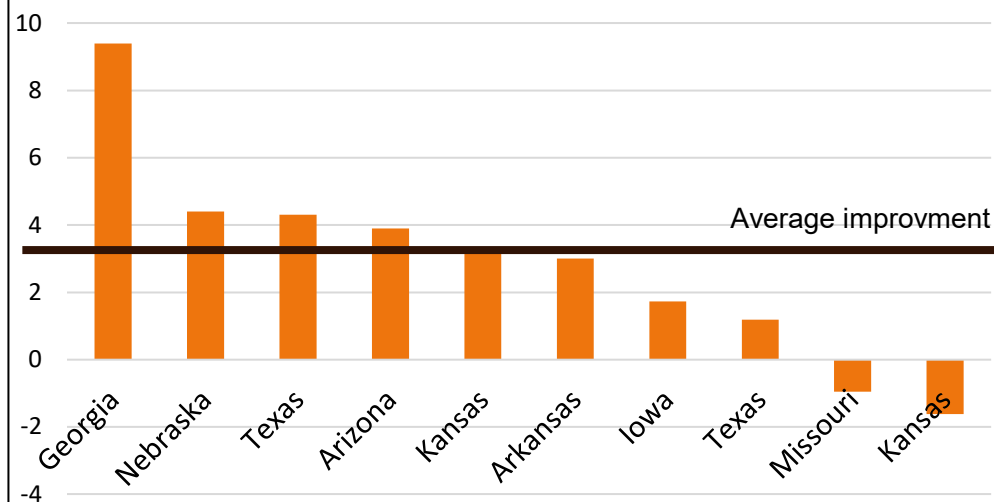
Dose : 1 qt/a between R1 and R3



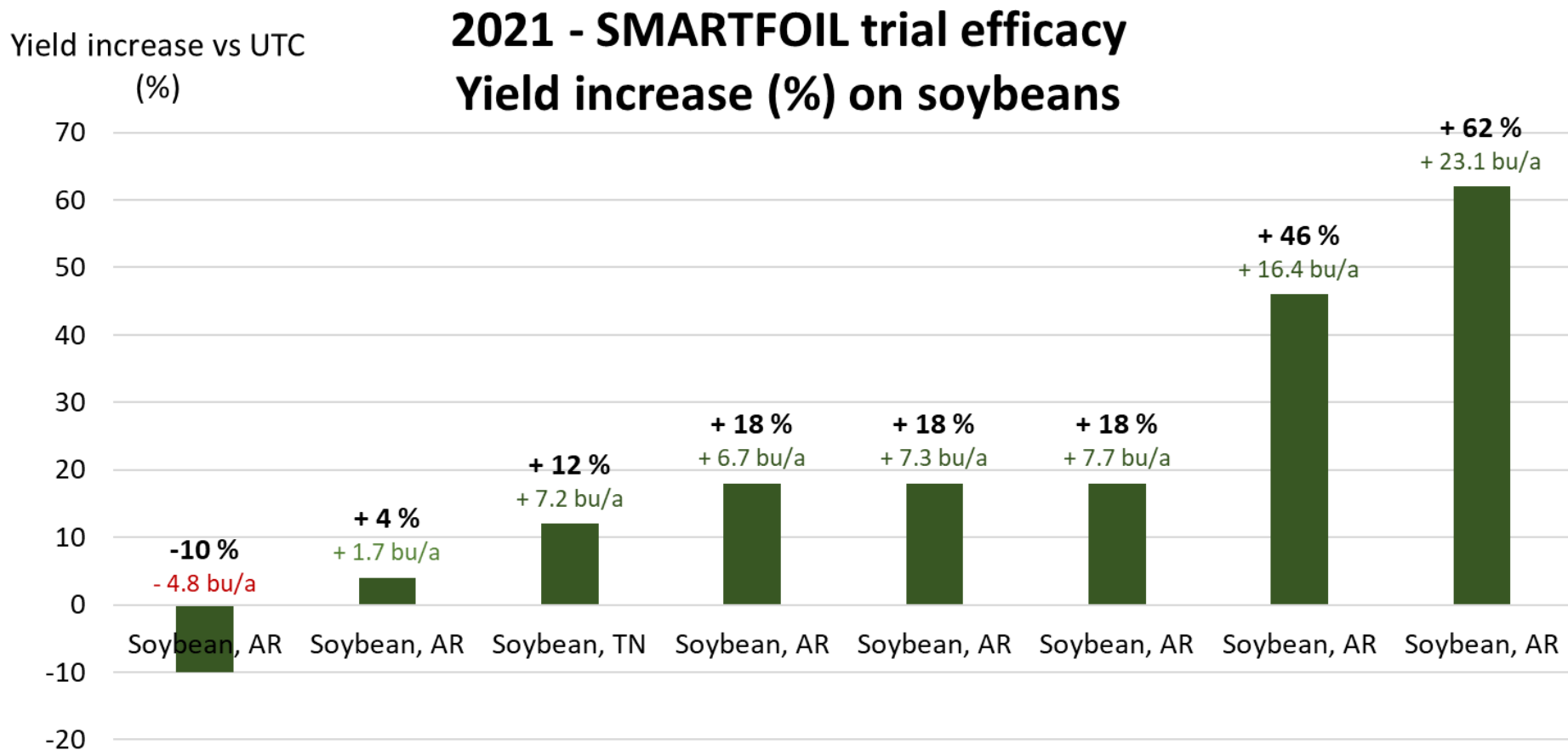
Average Yield (bu/a)



MF55 Yield Increase (bu/a)



80% win rate
+170 lbs/a = 2.8 bu/a



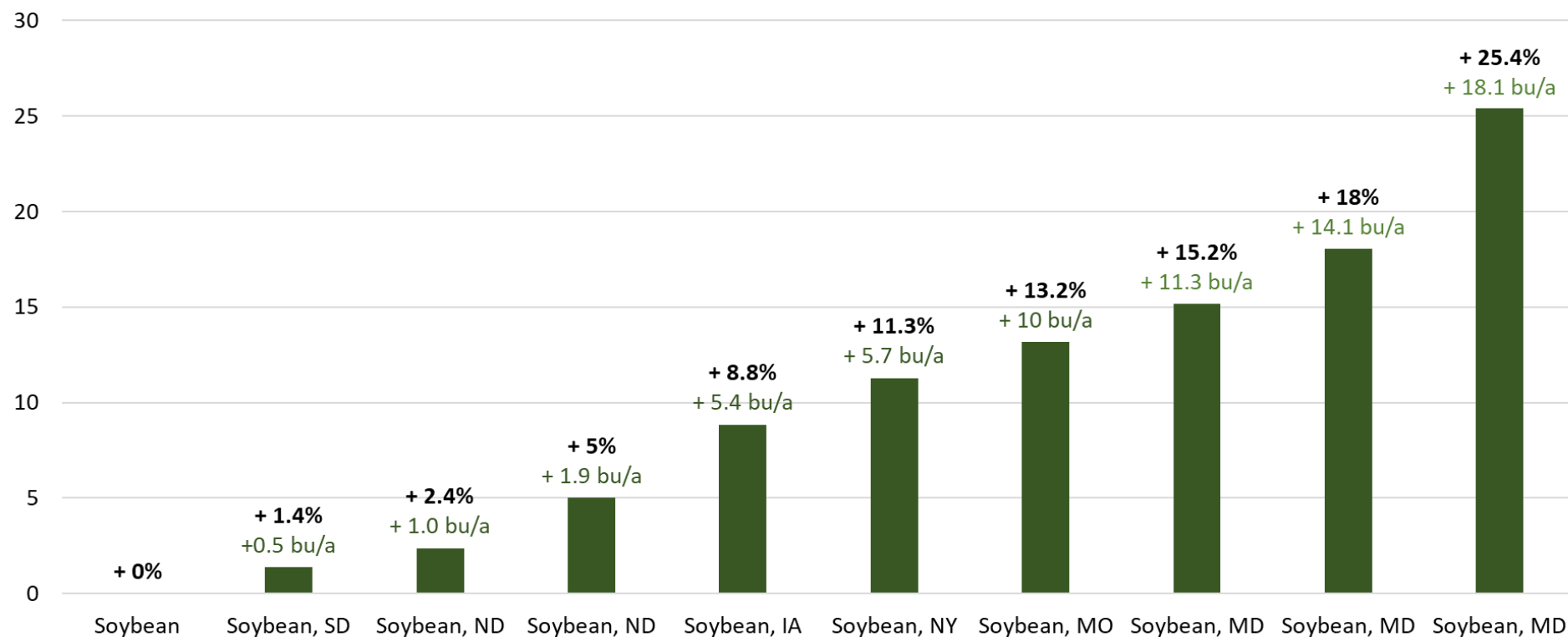
SMARTFOIL allows + 8.2 bu/a increase in average in 2021

Soybean price 13.5 \$/bu x 8.2 - \$11 price Smartfoil = + \$99.7 net/acre

2022 - SMARTFOIL demo trial

Yield increase (%) - Soybeans

Yield increase vs UTC (%)



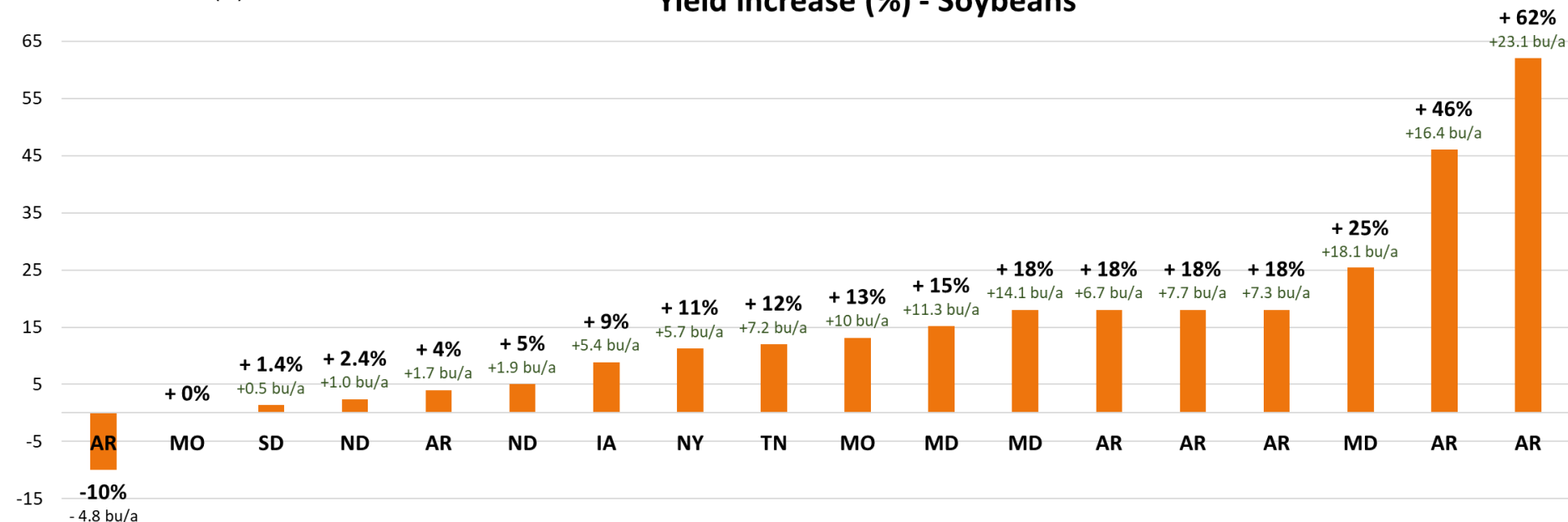
SMARTFOIL allows + 6.8 bu/a increase in average in 2022

Soybean price 14 \$/bu x 6.8 - \$11 Smartfiol price = + \$84.2 net/acre

2021 & 2022 - SMARTFOIL demo trials

Yield increase (%) - Soybeans

Yield increase vs UTC (%)



Average SMARTFOIL yield increase :

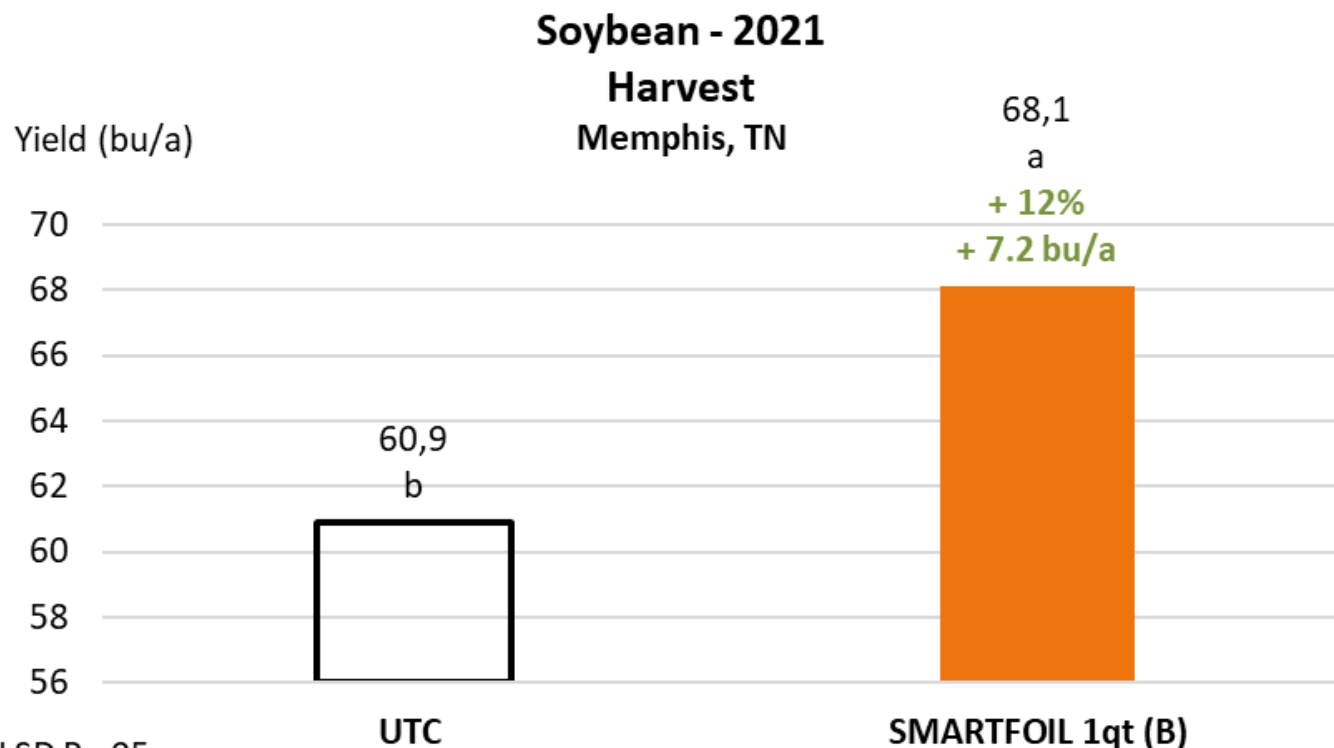
+ 15%

+ 7.4 bu/a

+ 85 – 95 \$/a

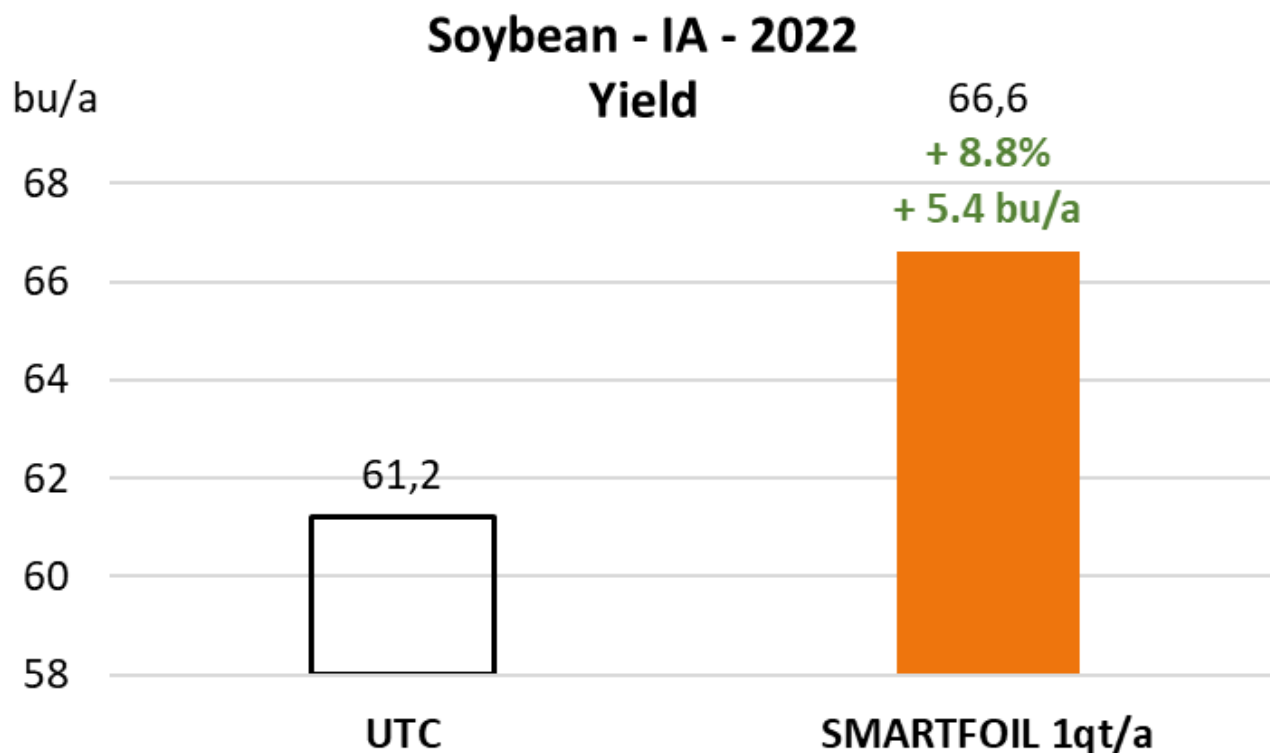
- TN, 2021
- Soybeans
- 1 foliar application at flowering (R1)
- 4 replicated strips
- Private contractor

Add. Yield Revenue	
+ 7.2 bu/a @ \$13.5 /bu Soybean	\$ 97.2
Trial Practice Costs (Per Acre)	- \$10.95
+ Smartfoil 1qt/a @ \$10.95	
Total Net Per Acre :	\$86.25



- IA, 2022
- Soybeans
- 1 foliar application
- Commercial field strips
- Amana colonies visited during the BioPerformance Week

Add. Yield Revenue	
+ 5.4 bu/a @ \$14/bu Soybean	\$ 75.6
Trial Practice Costs (Per Acre)	- \$10.95
+ Smartfoil 1qt/a @ \$10.95	
Total Net Per Acre :	\$64.65





NO
SMARTFOIL



SMARTFOIL
1 Week after
Application



SMARTFOIL
2 Weeks after
Application



 **Smartfoil**®

UTC



A simple drop against abiotic stress

