	6 /		
SDS	Select tolerant varieties; Selected seed treatments		
Fusarium diseases*	Plant during conditions that promote rapid seedling development;		
	Plant at the correct depth; Commercial seed treatments.		
Charcoal rot	Moisture conservation via lower plant populations, no-till, weed		
	control, irrigation; Plant later-maturing varieties.		
Phytophthora root rot	Host resistance** & tolerance; Improved drainage; Seed treatments		
	for the seedling blight phase of the disease.		

Table 1	1. Practical	control	strategies	for sov	vbean	diseases.
TUNIC .		control	Junce	101 30	ybcun	alscases.

*Includes seedling diseases & root rots caused by a range of *Fusarium* spp.; **Via *rps1k* & *rps1c* genes.



Figure 1. Comparison of pathogenicity assays for SDS for a selected subset of KS entries.

		Azoxy.	Pyraclo	Picoxy.
FP	0001	19.7	0.9	4.4
	0003	13.5	1.1	5.4
	0004	16.6	0.8	12.3
	0059	24.1	1.0	5.5
	0141	21.9	1.2	4.5
	0165	21.1	1.3	44.6
ΕV	Mont-1	24.1	Q 1	8.8
I V	wont-r	24.1	9.1	0.0

Figure 2. EC50 values for *Fusarium proliferatum* (FP) and *F. virguliforme* (FV) against azoxystrobin, pyraclostrobin, and picoxystrobin.

Figure 4. EC50 values for Figure 3.rCprotifier (hefith) as and the sphedseolinainoculated (highth) speeds of a charcoal rotsusceptible soybean genotype. Note: Discolored, ungerminated seed and shorter hypocotyls in the inoculated

treatment.

