Management of foliar application of fungicides to enhance physiological and sanitary quality of soybean seeds

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Supplementary Table 1. Summary of combined analysis of variance (*prob > Fc*), water content, germination in sand, germination, seedling emergence, emergence speed index, mechanical damage by the sodium hypochlorite test, electrical conductivity, accelerated aging, and seed vigor and viability by the tetrazolium test in relation to the sources of variation in the 2014/2015 crop year in the municipalities of Lavras and Ijaci, MG, Brazil.

Source of variation	DF	Water content	Germination in sand	Germination	Seedling emergence	Emergence speed index	Mechanical damage	Electrical conductivity	Accelerated aging	Vigor	Viability
					Newly harvested						
Environments (E)	1	NS	**	NS	**	NS	**	**	*	NS	**
No. of applications (NA)	5	NS	**	*	**	**	NS	NS	**	*	**
NA x E	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Error (a)	24	-	-	-	-	-	-	-	-	-	-
Fungicides (F)	4	NS	*	*	**	**	**	**	**	**	**
NA x F	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
F x E	4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
NA x F x E	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Error (b)	96	-	-	-	-	-	-	-	-	-	-
CV (a) - %		10.2	2.5	13.16	3.9	4.5	16.5	16.9	12.8	14.6	5.2
CV (b) - %		11.5	3.2	9.73	3.9	5.0	19.2	15.2	17.3	5.4	2.8
Overall mean	87.0	11.0	94.1	86.2	95.8	151.8	5.0	45.9	65.2	79.2	87.0
					After storage						
Environments (E)	1	*	**	NS	NS	**	**	**	**	**	**
No. of applications (NA)	5	NS	**	**	NS	NS	NS	*	**	**	**
NA x E	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Error (a)	24	-	-	-	-	-	-	-	-	-	-
Fungicides (F)	4	NS	**	**	**	**	*	NS	**	NS	NS
NA x F	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
F x E	4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
NA x F x E	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Error (b)	96	-	-	-	-	-	-	-	-	-	-
CV (a) - %		9.1	5.4	9.4	10.0	11.5	16.0	16.0	17.9	6.0	4.5
CV (b) - %		6.6	5.5	10.8	7.0	8.6	17.1	16.7	19.3	7.1	4.8
Overall mean		10.5	85.3	80.2	85.4	62.2	8.4	43.9	59.8	70.3	80.2

[**] Significant at 1%, [*] Significant at 5%, and (NS) Not significant according to the F test; DF – degrees of freedom; CV – coefficient of variation.