

Materials List for:

Protocols for Robust Herbicide Resistance Testing in Different Weed Species

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Materials

Name	Company	Catalog Number	Comments
Paper bags	Celcar SAS		
Plastic dishes	ISI plast S.p.A.	SO600	Transparent plastic
Sulfuric acid 95-98%	Sigma-Aldrich	320501	
Non-woven fabric	Carretta Tessitura	Art.TNT17	Weight 17 g m ⁻²
Chloroform>99.5%	Sigma-Aldrich	C2432	
Agar	Sigma-Aldrich	A1296	
Potassium nitrate>99.0%	Sigma-Aldrich	P8394	
Plastic containers	Giganplast	1875/M	600 x 400 x 110 mm
Plastic trays	Piber plast	G1210A	325 x 265 x 95 mm
Polystyrene trays	Plastisavio	S24	537 x 328 x 72 mm, 24 round cells (6x4)
Copper sulfate	Sigma-Aldrich	451657	
Agriperlite	Blu Agroingross sas	AGRI100	
Peat	Blu Agroingross sas	TORBA250	
Germination cabinet	KW	W87R	
Nozzles	Teejet	XR11002-VK, TP11001-VH	The second type of nozzles are used only for glyphosate
Barcode generator	Toshiba TEC	SX4	
Labels with barcode	Felga	TT20200	Stick-in labels with rounded corners
Barcode reader	Cipherlab	8300-L	Portable data terminal
Bench sprayer			Built in house

Herbicides included in the results:

Commercial product	Active ingredient	Company	Comments
Altorex	imazamox	BASF	
Azimut	florasulam	Dow AgroSciences	
Biopower		Bayer Crop Science	Surfact to be used with Hussar WG
Dash		BASF	Surfact to be used with Altorex
Granstar	tribenuron-methyl	Dupont	
Gulliver	azimsulfuron	Dupont	
Hussar WG	iodosulfuron	Bayer Crop Science	
Nominee	bispyribac-Na	Bayer Crop Science	
Roundup	glyphosate	Monsanto	
Trend		Dupont	Surfact to be used with Granstar and Gulliver
Viper	penoxsulam	Dow AgroSciences	

Weedone LV4	2,4-D	Isagro	
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