

**APPENDICES**

**Appendix A Study location, plant host, and GPS information obtained from wheat and rice field surveyed in Kano State**

<b>Kano</b>	<b>LGA</b>	<b>Location</b>	<b>Field</b>	<b>Plant host</b>	<b>GPS</b>
	Kura	Imawa	1	Wheat	N 11.788948; E 8.427251,
			2	Wheat	N 11.788264; E 8.427007,
			3	Rice	N 11.787424; E 8.426310
		Yandako	1	Wheat	N 11.870495; E 8.421607
			2	Wheat	N 11.870647; E 8.421638
			3	Rice	N 11.870398; E 8.422011
		Magistrate	1	Wheat	N 11.780485; E 8.430915,
			2	Wheat	N 11.780284; E 8.430539,
			3	Rice	N 11.781222; E 8.430384
	Garun Malam	Gidan malam	1	Wheat	N 11.687176; E 8.366132,
			2	Wheat	N 11.681512; E 8.367022,
			3	Rice	N11.650377; E 8.366926
		Fankurun Amaidah	1	Wheat	N 11.679806; E 8.377104,
			2	Wheat	N 11.677550; E 8.377662,
			3	Rice	N 11.676957; E 8.376535
Fankurun Chiromawa		1	Wheat	N 11.675134; E 8.372783,	
		2	Wheat	N 11.675650; E 8.374038,	
		3	Rice	N 11.675292; E 8.375422	
Madobi	Hanyan kiru	1	Wheat	N 11.770686; E 8.289836	
		2	Wheat	N 11.770291; E 8.289152	
		3	Rice	N 11.770916; E 8.290501	
	SAS	1	Wheat	N 11.769636; E 8.289160	
		2	Wheat	N 11.769636; E 8.288945	
		3	Rice	N 11.769843; E 8.289710	
	Kano-Madobi -Kiru Road	1	Wheat	N 11.766794; E 8.284424	
		2	Wheat	N 11.765460; E 8.284992	
		3	Rice	N 11.766763; E 8.286816	

LGA=Local Government Area; GPS=Global position system.

15 **Appendix B Study location, plant host, and GPS information obtained from maize and rice field**  
 16 **surveyed in Kaduna State**

<b>Kaduna</b>	<b>LGA</b>	<b>Location</b>	<b>Field</b>	<b>Plant host</b>	<b>GPS</b>		
	Kudan	Hunkuyi road	1	Maize	N 11.272783; E 7.648273		
			2	Maize	N 11.269221; E 7.645163		
			3	Rice	N 11.272107; E 7.647227		
		Mahuta Taba		1	Maize	N 11.295646; E 7.793800	
				2	Maize	N 11.296572; E 7.791912	
				3	Rice	N 11.298034; E 7.797201	
		Makarfi-Hunku yi Road		1	Maize	N 11.269494; E 7.644875	
				2	Maize	N 11.265875; E 7.638566	
				3	Rice	N 11.261834; E 7.637193	
	Sabon Gari	Bomo	1	Maize	N 11.181912; E 7.629476		
			2	Maize	N 11.181485; E 7.629245		
			3	Rice	N 11.183122; E 7.628360		
		Kufena		1	Maize	N 11.132875; E 7.658926	
				2	Maize	N 11.133188; E 7.658926	
				3	Rice	N 11.133262; E 7.658357	
		Institute For Agricultural Research Farm		1	Maize	N 11.180209; E 7.626615	
				2	Maize	N 11.179967; E 7.627360	
				3	Rice	N 11.180835; E 7.629098	
	Lere	Pambegua	1	Maize	N 10.678917; E 8.294750		
			2	Maize	N 10.679510; E 8.298011		
			3	Rice	N 10.683728; E 8.289493		
			Saminaka		1	Maize	N 10.405233; E 8.680767
					2	Maize	N 10.406215; E 8.683020
					3	Rice	N 10.405492; E 8.684737
			Na Ausi Poultry		1	Maize	N 10.700487; E 8.270717
					2	Maize	N 10.700888; E 8.273979
					3	Rice	N 10.700519; E 8.275685

17 LGA = Local Government Area; GPS = Global position system

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