

S1 Tables: Household Survey Sampling Frame

S1A Table—Sampling frame for 70 and 120 DAS, Punjab

District	Village	No. of households	No. of households from which plant specimens were collected	
			70 DAS	120 DAS
Kasur	Nathoki	14	14	14
Kasur	Bharwal Kalan	14	12*	12*
Jhang	Kundal Khokhran	14	12*, ***	13*
Okara	Chak No. 045/3R	14	14	14
Okara	Chak 047/3R	14	14	11**
Bahawalnagar	Momeka	14	10*, ***	13*
Bahawalnagar	Nathu Dacca	14	13*	13*
Bahawalnagar	Bidana Sharqi	14	14	13**
Sahiwal	Chak No. 079-080/5-R	14	14	14
Sahiwal	Chak No. 118-12L	14	13****	14
Khanewal	Chak No. 007/8-AR	14	13****	14
Khanewal	Kot Bahadur	14	11*, ****	11**
Toba Tek Singh	Chak 303 JB/ Katohar Kalan	14	8*	7*
Toba Tek Singh	Chak 660/ 1 GB Itfaqabad	14	14	14
Multan	Chak No. 013/F	14	14	14
Multan	Gurdez Pur	14	13*	13*
Multan	Kot Rab Nawaz	14	10*	10*
Vehari	Chak No. 024/W.B	14	14	14
Vehari	Chak No. 163/W.B.	14	13****	14
Muzaffargarh	Sadiwahan	14	13*	13*
Muzaffargarh	Fatehpur Janubi 2	14	14	14
Muzaffargarh	Bet Khan Wala	14	13*	13*
Lodhran	Chak No 388 W.B.	14	11*	11*
Lodhran	Khan Wah	14	13****	14
Bahawalpur	Ramzan Gulloo	14	14	14
Bahawalpur	Noru Arain	14	9*, ***	10*
Bahawalpur	Chak No. 003/ D N B	14	14	13**
Rahimyar Khan	Chak No. 094/N. P.	14	6*	6*
Rahimyar Khan	Chak No. 147/P	14	14	13**
Rahimyar Khan	Lal Shah	14	13****	14
Rajanpur	Wah Machka	14	4*	4*
Dera Ghazi Khan	Chak Qabool Shah	14	13*	13*
Dera Gazi Khan	Haji Kamand	14	10*	10*
Layyah	Kharal Azim Thal Jandi	14	11*	11*
Bhakkar	Panjgran Daggar	14	11*	10**
Faisalabad	Chak 656/GB	14	10*	5**
Faisalabad	Chak 112GB	14	1*	0**
Faisalabad	Chak 393/GB	14	8*, ***	7**
Faisalabad	Chak 550/ GB	14	14	14
Sargodha	Chak No. 149/150/N.B.	14	5*	5*
Total		560	461	456

Source: Authors

Notes: * Households dropped due to natural calamity; ** In addition to households that dropped at 70 DAS, some household plots could not be sampled at 120 DAS; *** Some households started sowing late so the samples could only be collected at 120 DAS; ****Those households are missing for which samples were misplaced.

S1B Table—Sampling frame for 70 and 120 DAS, Sindh

District	Village	No. of households	No. of households from which plant specimens were collected	Location where diagnostic tests were conducted
Umer kot	Verasar	14	14	SAU* Tandojam
Badin	Khairpur	14	14	SAU Tandojam
Sanghar	013-A-Jamrao	14	12	SAU Tandojam
Sanghar	Bhopi	14	14	SAU Tandojam
Khairpur	Nizamani	14	5	SALU** Khairpur
Ghotki	Atal Murdani	14	9	SALU Khairpur
Hyderabad	Pali Jani	14	14	SAU Tandojam
Nawabshah	Pat Piral	14	11	SAU Tandojam
Nawabshah	Sukhpur	14	12	SAU Tandojam
Nawabshah	Shahpur Jehania	14	1***	SAU Tandojam
Dadu	Hateen Digah	14	12	SALU Khairpur
Noushero Feroz	Kot Bahadur	14	14	SALU Khairpur
Total		168	132	

Source: Authors

Note: The sample frame remains consistent between 70 and 120 DAS.* Shah Abdul Latif University Khairpur; **Sindh Agricultural University, Tandojam;*** Cotton crop was destroyed in the other 13 cases.

S1C Table—Number of tissues tested 2013

Province	Test/ tissue	70 DAS					120 DAS					All
		Plant 1	Plant 2	Plant 3	Plant 4	Plant 5	Plant 1	Plant 2	Plant 3	Plant 4	Plant 5	
Punjab	Strip test/ leaf	461	461	-	-	-	-	-	-	-	-	922
Sindh		132	132	61	43	40	132	132	61	43	40	816
Punjab	Strip test/ boll	461	461	-	-	-	428	431	-	-	-	1,781
Sindh		114	117	53	37	36	116	116	52	37	36	714
Punjab	ELISA test/ leaf	461	461	-	-	-	457	457	-	-	-	1,836
Sindh		115	116	53	37	36	115	116	53	37	36	714
Punjab	ELISA test/ boll	461	461	-	-	-	428	431				1,781
Sindh		114	117	53	37	36	116	116	52	37	36	589
Total	All	2,319	2,326	220	154	148	1,792	1,799	218	154	148	9,153

Source: Authors