COMPILED WEEKLY PROGRESS REPORT W.E.F. 16-01-2023 TO 20-01-2023

1. PESTICIDE QUALITY CONTROL LABORATORIES

S.	Name of office	Total sample analyzed	Fit samples	Unfit samples
No.				
1	Pesticide Quality Control Laboratory, Faisalabad	85	83	2
2	Pesticide Quality Control Laboratory, Multan	87	85	2
3	Pesticide Quality Control Laboratory, Bahawalpur	39	33	6
4	Pesticide Quality Control Laboratory, Kala Shah Kaku	30	30	0
	Total	241	231	10

2. PESTICIDE RESIDUE LABORATORY, KALA SHAH KAKU

A. <u>MONITORINGOFPESTICIDE RESIDUE INPUNJABFROM16-01-2023TO 20-01-2023</u>

i. COMMODITY WISE

Sr. No.	Сгор	No. of samples analyzed	No. of samples with residue detected	Name of pesticides detected	No. of samples with residue >MRL	Pesticide detected > MRL	Location from where sample collected (>MRL)
-	-	-					· · · · · · · · · · · · · · · · · · ·
	Total	-	-	-	-	-	-

ii. DISTRICT WISE

District/ Location from where sample collected	Total No. of samples analyzed	Total No. of samples with residue detected above *MRL	Name of Pesticides detected above MRL	Name of crop in which residue detected
	-			
Total	-	-	-	-

ACCUMULATIVE PROGRESS REPORT FROM 04-07-2022 TO 20-01-2023

A. Monitoring Of Pesticide Residue in Punjab

Commodity	Total No. of samples analyzed	Total No. of samples with residue detected	Total No. of samples with residue detected above MRL	Percent of samples above MRL
Fruits	04	-	-	
Vegetables	72	-	-	-
Cereals	04	-	-	-
Others	14	-		
Total	94	-	-	-

<u>B.</u> BMS + Research On Pesticide Residue Analysis in Food Commodities

Sr. No.	Project		No.	of sampl	es analyzed			
INO.		Fruits	Vegetables		Cereals	Others	Total	
				W	М	R		
1.	Basket Market Survey	04	72	04	-	-	14	94
2.	Method validation regarding Proficiency Testing for accreditation to ISO-17025/R & D	-	17	-	02	07	01	27
3.	Advisory service to various sister organizations	-	-	-	-	73	-	73
4.	Research Trials of PRL, KSK	-	-	-	-	-		-
5.	Commercial Sample	11	01	31	16	24	32	115
6.	Sub total	15	90	35	18	104	47	309
7.	Standards prepared & run for method accuracy checking			51				51

Grand Total	360

*W: Wheat, R: Rice,M: Maize

Bottlenecks:

Shortage of non-gazated technical supporting staff (Resaerch Assistant/Lab. Assistant) and lack of electricity backup GCMS (Shimadzu) and HPLC (Alliance) arenot working properly.

3. (SOIL CHEMISTRY SECTION, INSTITUTE OF SOIL CHEMISTRY AND ENVIRONMENTAL SCIENCES, AARI, FAISALABAD)

(From 16-01-2023 To 20-01-2023)

A. No. of Samples Collected, Prepared and Analyzed for Different Research Experiments and Others

Turnet		Sam	ples													A I									
Type of sa	amples	Collected	Prepared										Pa	arame	eters	Anar	yzea								
	-	-	-	N	Р	к	В	S	Fe	Cu	Zn	Mn	Pb	Cd	Ni	Cr	Se	Са	Mg	Na	As	D.M			Total
Plant	Expt.		30									40													40
	Other																								
	-			N	Р	к	В	S	Fe	Cu	Zn	Mn	Pb	Cd	Ni	Cr	Se	EC	рΗ	ом	Txt.	SP	CEC	Ca	
Soil	Expt.		85			42																			42
	Other																								
	-			EC	рН	Ca	Mg	Na	CI	CO₃	HCO₃	SAR	RSC	Cd	К	Cr	Pb	Cd	Ni	Fe	Zn	В	As		
Water	Expt.																								
	Other																								
	-			Pb	Cd	Ni	В																		
Fertilizer`	Expt.						6																		6
	Other																								

B. <u>Cumulative Progress Report (Up to20-01-2023)</u>

Type of															Analy	/zed															
Sample	N	Р	К	В	S	Fe	Cu	Zn	Mn	Pb	Cd	Ni	Cr	Se	EC	рН	ОМ	Txt.	SP	CEC	Ca	Mg	Na	Cl	CO₃	HCO₃	SAR	RSC	As	D.M	Total
Plant	130	460	638	60		116	40	130	120																					20	1714
Soil	39	879	157	20											288	285	103	16			24										1811
Water				20											3	3					1										27
Fertilizer				6																											6
Others	11	11	12												1						1			1	1	1					39
Total:	180	1350	807	106	0	116	40	130	120	0	0	0	0	0	292	288	103	16	0	0	26	0	0	1	1	1	0	0	0	20	3597

C. Laboratory Analysis Detail for the year 2022-2023

Analytical Categories	Samples Analyzed	Droporod Ryu	
Total Plant samples analyzed:	1714	Prepared By:	
Total Soil samples analyzed:	1811	Supervised Buy	
Total Water samples analyzed:	27	Supervised By:	
Total Fertilizer samples analyzed:	6		
Total Other samples analyzed:	39	Chief Scientist:	