

## COMPILED WEEKLY PROGRESS REPORT W.E.F. 19-12-2022 TO 23-12-2022

### 1. PESTICIDE QUALITY CONTROL LABORATORIES

S. No.	Name of office	Total sample analyzed	Fit samples	Unfit samples
1	Pesticide Quality Control Laboratory, Faisalabad	95	93	2
2	Pesticide Quality Control Laboratory, Multan	74	71	3
3	Pesticide Quality Control Laboratory, Bahawalpur	50	50	0
4	Pesticide Quality Control Laboratory, Kala Shah Kaku	60	59	1
<b>Total</b>		<b>279</b>	<b>273</b>	<b>6</b>

### 2. PESTICIDE RESIDUE LABORATORY, KALA SHAH KAKU

#### A. MONITORING OF PESTICIDE RESIDUE IN PUNJAB FROM 19-12-2022 TO 23-12-2022

##### i. COMMODITY WISE

Sr. No.	Crop	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)
1	Spinach	4	-				
2	Coriander	2	-				
3	Onion	2	-				
4	Bitter gourd	3	-				
5	Cauliflower	1	-				
6	Chillies	1	-				
7	Potato	1	-				
8	Turnip	3	-				
9	Carrot	1	-				
10	Tomato	1	-				
11	Radish	2	-				

12	Methi	2	-				
13	Orange	1	-				
14	Guava	1	-				
15	Wheat	2	-				
16	Sugarcane	1	-				
17	Mungray	1					
18	Brassica	2					
<b>Total</b>		<b>31</b>	-	-	-	-	-

**ii. DISTRICT WISE**

<b>District/ Location from where sample collected</b>	<b>Total No. of samples analyzed</b>	<b>Total No. of samples with residue detected above *MRL</b>	<b>Name of Pesticides detected above MRL</b>	<b>Name of crop in which residue detected</b>
<b>Sahiwal</b>	23	-	-	-
<b>Kasur</b>	8			
<b>Total</b>	31	-	-	-

**ACCUMULATIVE PROGRESS REPORT FROM 04-07-2022 TO 23-12-2022**

**A. Monitoring Of Pesticide Residue in Punjab**

<b>Commodity</b>	<b>Total No. of samples analyzed</b>	<b>Total No. of samples with residue detected</b>	<b>Total No. of samples with residue detected above MRL</b>	<b>Percent of samples above MRL</b>
Fruits	2	-	-	

Vegetables	22	-	-	-
Cereals	2	-	-	-
Others	14	-	-	-
<b>Total</b>	<b>44</b>	<b>-</b>	<b>-</b>	<b>-</b>

**B. BMS + Research On Pesticide Residue Analysis in Food Commodities**

Sr. No.	Project	No. of samples analyzed						Total
		Fruits	Vegetables	Cereals			Others	
				W	M	R		
1.	Basket Market Survey	2	44	-	-	-	14	60
2.	Method validation regarding Proficiency Testing for accreditation to ISO-17025/R & D	-	19	2	02	07	-	30
3.	Advisory service to various sister organizations	-	-	-	-	73	-	73
4.	Research Trials of PRL, KSK	-	-	-	-	-	-	-
5.	Commercial Sample	11	01	31	13	18	32	106
6.	<b>Sub total</b>	11	38	31	15	82	32	269
7.	Standards prepared & run for method accuracy checking	47						47
<b>Grand Total</b>		<b>316</b>						

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

**Bottlenecks:**

Shortage of non-gazated technical supporting staff (Research Assistant/Lab. Assistant) and lack of electricity backup GCMS (Shimadzu ) and HPLC (Alliance) aren't working properly.







