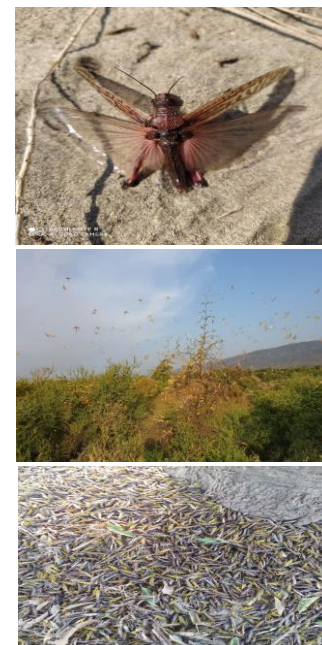


## LOCUST MANAGEMENT CAMPAIGN

Locust is a harmful desert insect which is dangerous for Agriculture economy. Pakistan has 3.0 lac sq Km area (37.78%) prone to desert locust, 60% area is in Balochistan, 25% in Sindh and 15% in Punjab (Cholistan). Punjab falls in summer breeding zone. The pest landed in Punjab since mid-June 2019 in Bahawalpur Division but was contained in Cholistan. Later on, during last week of December 2020 its movement was visible in Dera Ghazi Khan, Sahiwal, Faisalabad, and Sargodha Divisions when it was migrating from Rajasthan to Baluchistan and intercepted due to severe winters and winds



### LOCUST COMBATING

Following steps has been taken for Locust Combating

- A Working Group established under supervision of Senior Member, BOR
- Action Plans were prepared at the Federal /Provincial/District levels
- Ministry of National Food Security and Research, Government of Pakistan is the responsible for the management of locust while Department of Plant Protection (DPP) – a subordinate organ of the Ministry, is the lead agency.
- PMDA is the Coordinating Department in Punjab
- Combat teams from Agriculture Department are working in the field in more than 25 districts with the active support of District Administration and Pak Army.
- Training of Staff was arranged in Sukhar, Bahawalpur and to the farmers as well with the support FAO and DPP



## ACTIVITIES UNDERTAKEN SINCE MARCH 18, 2020 TO DATE:

Undertaken survey of the area in 26 districts = 11,690,338 hectares

(i) Area treated with Pesticides = 151,309 hectares

(iii) Number of Surveillance Teams = 968

(iv) Availability of spray machines = 2256

- Knapsack = 432

- Power sprayer = 1187

- Jatao = 51

- Power Plungers = 290

- Boom with two Guns = 25

- ULV = 20

- Any other = 212

(v) Pesticides used = 54,837 liters

- In Balance = 122,148.15 liters



## PROCUREMENT OF MACHINERY AND PESTICIDES:

Procurement for 277 additional machines 190 Plunger Sprayers and 12 Micron Machines 50 jecto and 25 Boom sprayers with double gun

40,000 liters pesticides received from NDMA and 61,000 liters to be procured by Agriculture Department



## CHALLENGE IN NEAR FUTURE:

- Presence of locust population in Baluchistan, Sindh, KP and Punjab
- Migration of locust from Sistan Baluchistan on Iranian side, middle-east and Indian side across International border



## LOCUST MANAGEMENT PROGRAM

### Summary of the Surveillance and Combat Operations

S/NO.	(Season)	Districts	Area Surveyed (Ha)	Area Treated (Ha)
1	Summer 2019	3	255,800	5300
2	Winter 2019-20	19	870,110	105,500
3	Spring 2020	10	3,463,551	93,774
4	Summer* 1 <sup>st</sup> May	20	2,461,957	56273

\*First May on ward Regular Surveillance at all earlier sites. (PDMA desk Report)

**Report of Losses Obtained from Various Districts**

S/NO.	Name of Districts	Total Cultivated (HA)	Damaged (HA)	% Losses
1	Bhakkar	239,024.69	5,197.49	2.17
2	Khanewal	8,986.65	404.69	4.50
3	Multan	13,138.00	393.36	2.99
4	Layyah	55,851.88	256.98	0.46
5	Bhawalpur	63,978.96	6,915.82	10.81
6	Bhawalnager	96,781.87	5,830.03	6.02
7	DG Khan	5,402.27	471.06	8.72
8	Vehari	25,233.51	2,508.70	9.94
9	Khushab	111,335.90	614.73	0.55
10	Muzaffargarh	23,605.42	253.74	1.07
11	RY Khan	86,139.21	1,452.04	1.69
12	Lodhran	242,815.86	1,013.76	0.42
<b>Total</b>		972,294.21	25,312.42	2.60

**Surveillance and Combat Operations For Last Ten Days 29-06-2020 to 08-07-2020**

S#	District	Area Surveyed (Ha)	Area Treated (Ha)	Pesticide Used (L)
1	Bhakkar	146,143	7	2
2	Khushab	110,850	-	-
3	Rajanpur	24,628	-	-
4	DG Khan	97,198	-	-
5	Layyah	22,824	-	-
6	Jhang	202,391	-	-
7	Mianwali	128,200	-	-
8	Okara	395	-	-
9	Sahiwal	1,070	-	-
10	Pakpattan	6,720	-	-
11	Bahawalpur	18,750	-	-
12	Bahawalnagar	18,400	29	14
13	Rahim Yar Khan	24,640	150	72
14	Kasur	1,260	-	-
15	Multan	34,350	-	-

16	Lodhran	731	-	-
17	Vehari	31,931	-	-
18	Khanewal	3,334	-	-
19	TT Singh	4,665	-	-
20	Attock	2,440	-	-
21	Faisalabad	77,192	-	-
22	Muzaffargarh	75,300	-	-
23	Chakwal	1,817	-	-
24	Jhelum	7,755	-	-
25	Sargodha	5,748	-	-
26	Chiniot	4,682	-	-
	<b>Total:</b>	<b>1,053,414</b>	<b>186</b>	<b>88</b>