

To be substituted bearing same number & date
in light of 4th FMD steering committee minutes dated 20.05.2020



**GOVERNMENT OF THE PUNJAB
LIVESTOCK & DAIRY DEVELOPMENT
DEPARTMENT**

NOTIFICATION

NO.SO (I&C)/L&DD/6-69/2014: Consequent upon the recommendations of the committee constituted vide even no. dated 14.04.2020 and in pursuance to the decision made during the meeting held under the chairmanship of Secretary Livestock on 08th May, 2020 through video link, the Competent Authority is pleased to approve in principle the vaccination policy and following vaccination & post- vaccination antibody titration schedule for 2020-21 is hereby notified w.e.f 1st July, 2020:

A) VACCINATION SCHEDULE

Sr. No.	District	Tentative minimum Population (Million)					Inoculation Schedule					
		B	C	S	G	Poultry	Aug-Sep	Nov-Dec	Feb-Mar	Apr-May	June	
1	Rahim Yar Khan	0.663453	0.707050	0.097692	1.104839	0.64						
2	Bahawalpur	0.348358	0.758772	0.208311	0.734091	0.38						
3	Cholistan	0.011901	0.432627	0.555504	0.231340	0.216						
4	Bahawalnagar	0.616444	0.646615	0.143056	0.673258	0.53	FMDV-I (imported)	HSV 9.102 doses	BQV 4.700 doses	FMDV-II (imported will be start from 1 st March)	ETV-II (continued)	
5	Vehari	0.513736	0.613670	0.066458	0.530303	0.22	9.102 doses	CPV 4.369 doses	PPRV 5.699 doses	9.102 doses	ETV-II (continued)	
6	Sahiwal	0.574198	0.388178	0.054708	0.405200	0.25	4.198 doses	NDV-II 2.926 doses	NDV-III 2.926 doses	ETV-II 4.198 doses	NDV-IV (continued)	
7	Okara	0.701103	0.462357	0.076160	0.294197	0.29						
8	Pakpattan	0.475035	0.332389	0.047440	0.253615	0.2	4.198 doses	NDV-I 2.926				
9	Sheikhupura	0.498613	0.358971	0.080767	0.142895	0.2						
	Total:	4.402841	4.700629	1.330096	4.369738	2.926						
10	Multan	0.312197	0.538310	0.095668	0.507325	0.35						
11	Lodhran	0.163880	0.390467	0.052414	0.332648	0.26		HSV 4.555 doses	BQ 2.288 doses	ETV-II 2.592 doses	ETV-II (continued)	
12	Khanewal	0.425743	0.495689	0.103221	0.500518	0.13	2.592 doses	CPV 2.266 doses	PPRV 2.592 doses	2.592 doses	NDV-IV (continued)	
13	Faisalabad	0.969630	0.505788	0.043554	0.532781	0.31						
14	Toba Tek Singh	0.396081	0.357859	0.031531	0.393509	0.14	NDV-I 1.19 doses	NDV-II 1.19 doses	NDV-III 1.19 doses	NDV-IV 1.19 doses		
	Total:	2.267531	2.288113	0.326388	2.266781	1.19						
	Grand Total:	6.670372	6.988742	1.656484	6.636519	4.116						

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GROUP - 2											
Sr. No.	District	Tentative minimum Population (Million)						Inoculation Schedule			
		B	C	S	G	Poultry	July - Aug	Sep-Oct	Nov-Dec	Feb-Mar	Apr-May
1	Lahore	0.370985	0.195264	0.035577	0.072284	0.13					
2	Nanakana Sahib	0.294646	0.149506	0.024406	0.122088	0.10					
3	Kasur	0.592267	0.402202	0.072898	0.250508	0.20	HSV 3,368 doses CPV	ETV-I 2,031 doses PPRV	BOV 1,726 doses NDV-II	NDV-III 2,52 doses	ETV-II 2,031 doses NDV-IV (continued)
4	Rawalpindi	0.131212	0.252298	0.024287	0.218847	0.48					
5	Jhelum	0.094933	0.145135	0.023264	0.154275	0.25	1,493 doses NDV-I	2,031 doses NDV-II	2,52 doses		
6	Attock	0.074009	0.291183	0.171017	0.307715	0.73	2,52 doses				
7	Chakwal	0.084483	0.290883	0.187254	0.367838	0.63					
Total:		1.642535	1.726471	0.538703	1.493555	2.52					

GROUP - 3											
Sr. No.	District	Tentative minimum Population (Million)						Inoculation Schedule			
		B	C	S	G	Poultry	Aug-Sep	Oct-Nov	Dec-Jan	Feb-Mar	Apr-Jun
1	Rajan Pur	0.209660	0.383635	0.511726	0.860924	0.45					
2	Dera Ghazi Khan	0.228975	0.514577	1.232814	1.392514	0.67					
3	Muzaffargarh	0.621127	1.222145	0.471135	1.115345	1.04					
4	Layyah	0.182678	0.449978	0.325313	0.365101	0.62					
5	Bhakhar	0.172125	0.419306	0.319404	0.496295	0.60					
6	Sargodha	0.580073	0.528683	0.107637	0.342993	0.59					
7	Mianwali	0.113052	0.318906	0.233920	0.350818	0.44					
8	Khushab	0.101560	0.253108	0.013692	0.327422	0.43	5,953 doses BOV	10,186 doses PPRV	8,686 doses ETV-I	11,571 doses HSV CPV	8,686 doses ETV-II
9	MandiBahuddin	0.461765	0.165845	0.014406	0.093629	0.16					
10	Gujrat	0.304682	0.155346	0.025358	0.120583	0.10					
11	Gujranwala	0.574962	0.196148	0.093095	0.097636	0.25	NDV-I 6,78 doses	NDV-II 6,78 doses	NDV-III 6,78 doses	NDV-IV 6,78 doses	
12	Narowal	0.287133	0.163900	0.043156	0.122886	0.28					
13	Sialkot	0.447154	0.133352	0.050002	0.080955	0.24					
14	Hafizabad	0.338360	0.158852	0.024137	0.070727	0.35					
15	Chiniot	0.438622	0.296419	0.054328	0.154449	0.13					
16	Jhang	0.556956	0.593155	0.243327	0.431614	0.43					
Total:		5.618884	5.953355	3.763450	6.423891	6.78					
Grand Total: (Group 1+2+3)		13.93179	14.66857	5.958637	14.55397	13.416					

Note:
additional HSV
may be used
for left over
animals in
flood prone
areas

95

B) VACCINATION PLAN FOR FMD BEING PRODUCED BY FMDRC (only in non-UTF districts)

(Proposed on basis of FMD outbreaks in by ADDRS and will be inoculated in hotspot areas with follow-up of booster dose & door marking)

Sr. no	Districts (non-UTF)	No. of FMD Reports in 2019	Nov-Dec	May-June	Doses of FMD (FMDRC)
1	D.G. Khan	38	0.15	0.15	0.3
2	Layyah	32	0.125	0.125	0.25
3	Rajampur	6	0.125	0.125	0.25
4	M.Garh	110	0.2	0.2	0.4
5	Sargodha	32	0.125	0.125	0.25
6	Mianwali	8	0.1	0.1	0.2
7	Khushab	19	0.1	0.1	0.2
8	Bhakkar	51	0.125	0.125	0.25
9	Multan	80	0.15	0.15	0.3
10	Khanewal	19	0.1	0.1	0.2
11	Lodhran	26	0.1	0.1	0.2
12	Rawalpindi	39	0.15	0.15	0.3
13	Attock	61	0.125	0.125	0.25
14	Jhelum	15	0.1	0.1	0.2
15	Chakwal	51	0.2	0.2	0.4
16	Gujranwala	22	0.15	0.15	0.3
17	Hafizabad	7	0.2	0.2	0.4
18	Narowal	12	0.15	0.15	0.3
19	Gujrat	17	0.05	0.05	0.1
20	Sialkot	14	0.125	0.125	0.25
21	M.B Din	29	0.1	0.1	0.2
22	Lahore	46	0.15	0.15	0.3
23	Kasur	24	0.15	0.15	0.3
24	Nankana Sahib	15	0.1	0.1	0.2
25	*Sheikhupura (included in Non-UTF in 2020-21)	-	0.8	0.8	1.6
26	Faisalabad	54	0.2	0.2	0.4
27	T.T. Singh	23	0.1	0.1	0.2
28	Jhang	50	0.2	0.2	0.4
29	Chiniot	9	0.05	0.05	0.1
	Total:-	909	4.5	4.5	9

***complete population of cattle & buffalo is proposed for FMDRC vaccine with the same SOPs of UTF as a case study**

94

C. POST VACCINATION ANTIBODY TITRATION PLAN

Vaccine	Samples	Duration
HSV	50 samples (cattle) & 50 samples (buffalo) per tehsil	@every 3 months (2 month after the inoculation of vaccine)
FMDV	50 samples (FMDRC- Vaccine) per districts 100 samples (imported vaccine under UTF) per districts	@every 6 months (2 month after the inoculation vaccination)
PPRV	50 samples per tehsil	@Annually (2-3 month after vaccination)
NDV	50 samples per tehsil	@every 3 months (3 weeks after vaccination)

- The district will not generate separate demand to supply chain and the above mentioned district wise tentative population will be considered as minimum demand from districts for vaccines. The district could demand additional vaccine doses for the left over population, migratory animals, new born and in case of outbreaks to supply chain Lahore.
- Accordingly, the Supply chain will notify the annual distribution plan and supply the vaccines to districts before the commencement of inoculation schedule as notified above.
- The Veterinary Research Institute, Lahore shall ensure the production of vaccines as per the aforementioned vaccination schedule.
- Post vaccination antibody titration will be followed by the ADDRS as per the above mentioned titration Plan and regularly reports will be shared to the concerned Divisional Director, ADL and DG (Ext.) as well. The additional titration kits for PPR & FMD will be provided by VRI & FMDRC.
- The vaccination schedule will be reconsidered by the committee on yearly basis.

Dated Lahore, the

11th May, 2020

No. & Date Even

Copy is forwarded for information and necessary action to:-

- The Director General (Ext./ Production) L&DD
- The Director General (Res.) w.r.to his letter no. 2201, dated: 11.06.2020
- All the Directors of L&DD
- All the Additional Directors Livestock & ADIOs in Punjab

NADEEM IRSHAD KIYANI
SECRETARY LIVESTOCK


DR. USMAN TAHIR
DEPUTY SECRETARY (TECH)

CC. PSO to Secretary L&DD Department
PA to Minister Livestock