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Popular Article**Vaccination schedule for different Livestock Species****Dr. Aruna Maramulla**

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POULTRY

Age	Type of Vaccine	Route of administration
For Layers:		
0 day	Marek's disease(Turkey Herpes vaccine)	S/C- 0.2 ml
5 -7 day	Ranikhet Disease-RDVF	
12-14 days	Infectious Bursal Disease (IBD) - (Running Intermediate Georgia)	O/N or water
18-22 days	Infectious Bronchitis (IB)	O/N or water
24- 27 days	IB -Booster	Water
28- 30 days	RD-Booster (Lasota)	Water
6th week	Fowl pox/Infectious coryza (Endemic areas only)	S/C
8th week	RD-RDVK/R2B	S/C or I/M
9th week	Fowl pox	Wing web
12- 13th week	IB - Booster	Water
18th week	RD-Booster-RDVK/R2 B	S/C Or I/M
45th - 50th week	RD-Lasota repeated	Water
For Broilers:		
0 th day	Marek's disease	0.2 ml S/C
5 - 7 day	RD- RDVF	O/N
10th day	IB	O/N
12 - 14 day	IBD	O/N
28th day	Booster RD (Lasota)	Water
6th week	Fowl pox/Infectious coryza. (Endemic areas only)	S/C

CANINE

Vaccine	Initial puppy vaccination (≤16 wks)	Initial Adult vaccination (≥16wks)	Revaccination
Canine Parvovirus (CPV-2) Canine Distemper Canine Adenovirus-2 (CAV-2) Parainfluenza Leptospira spp.	All pups should receive minimum of 3 doses between the ages of 6 & 16 wks at intervals of 3-4 wks apart (e.g at 6, 10 & 14 wks or 8, 12 & 16 wks).	Two doses at an interval of 3-4 wks.	Annual
Rabies	Two doses administered at an interval of 3-4 wks apart in endemic areas.	Single dose	Annual
<i>Bordetella bronchiseptica</i>	One dose @ 6-8 wks and one dose @ 10-12 wks of age.	2 doses with an interval of 4 weeks between two doses.	Vaccine should be administered at least one week prior to anticipated exposure (Recommended in endemic areas)
Corona Virus	Not Recommended as it is self limiting and duration of immunity if vaccinated cannot be determined because neither vaccination nor control dogs developed clinical evidence of disease following experimental virus challenge.		

FELINE

Vaccine	Kittens	Adult	Booster
Feline Panleukopenia virus (FPV)	6 wks of age, then every 3-4 wks until 16 wks of age	2 doses, 3 to 4 wks apart	Annual
Rabies	Single doses as early as 8 (or) 12 wks of age	Single dose	Annual
Feline Leukemia virus (FeLV)	(2 doses)	2 doses with 3 to 4 wks interval	Annual

PORCINE

Disease	Vaccine	Age of vaccination		
		First	Booster	Subsequent
Swine fever	F.D. Lapinized Swine Fever vaccine	25-30 days	One month after	6 months interval
Foot and mouth disease	Cell culture vaccine in name of Raksha-ovac	42 days	One month after	6 months interval
Haemorrhagic septicaemia	Raksha-H.S. Vaccine	2 months	One month after	annually

CAPRINE & OVINE

DISEASE	PRIMARY DOSE	REVACCINATION
Enterotoxaemia	4 months of age for kid or lamb (if dam is vaccinated) At age of 1st week for kid or lamb (if dam is not vaccinated)	6 months

PPR	3months of age and above for kid or lamb	Once in 3 years
FMD	4months of age and above for kid or lamb	Twice in a year (september and march)
Anthrax	6months for kid or lamb	Once annually
Haemorrhagic septicaemia	6months for kid or lamb	Once annually before monsoon
Black quarter	6months for kid or lamb	Once annually before monsoon
Goatpox	3months and above for kid	Once annually (december)
CCPP	3months and above for kid or lamb	Once annually (january)

CATTLE AND BUFFALO

Disease	Age at first dose	Booster dose	Subsequent dose
Foot and mouth disease	4 months and above	1 month after first dose	6 monthly
Haemorrhagic septicaemia	6 months and above	-	Annually in endemic areas
Black quarter	6 months and above	-	Annually in endemic areas
Brucellosis	4-8 months of age	-	Once in lifetime
Theileriosis	3 months and above	-	Once in lifetime
Anthrax	4 months and above	-	Annually in endemic areas
IBR	3 months and above	1 month after first dose	6 monthly
Rabies	Immediately after suspected bite	4 th day	7,14,28,90 days after first dose

Disease	Manufacturer	Dose	Primary	Booster	Revaccination
Bovilis R Clovax	Intervet India	2 ml I/M	3 months onwards	1) After 4-6 weeks of primary vaccination 2) After 24 weeks of primary vaccination	Every 44-48 weeks after 2nd booster vaccination
Raksha	Indian Immunologicals	3 ml in midneck region, S/C	4 months	2-4 weeks after primary vaccination	Every 6 months after booster and every 4 months in endemic areas
Raksha Ovac	-do-	2 ml in midneck region, deep I/M	4 months	9 months after primary vaccination	Annually
Raksha HS	Indian Immunologicals	2 ml mid neck region S/C	6 months and above	Annually and in adverse climatic conditions like unseasonal rains and cyclones etc.	
Brucellosis					
Bruvax	Indian Immunologicals	2ml S/C	4 to 8 months old serological		

			lynegative female calves		
Anthrax					
Raksha-Anthrax	Indian Immunologicals	1mlS/C or I/M	1monthbeforegrazingseasonorpriorto time the disease usually occurs.		
Sterne vaccine	Institute of Veterinary Preventive Medicine,Tamilna du	1 ml S/C	4weeks prior to timethe disease usually occurs	Revaccinat e after 2-3 weeks in heavily contaminat edareas	Annual vaccinationin endemicareas
Rabies					
Rakshara b	Indian Immunologicals	1 ml S/C orI/M	3 months andabove	Incase primary vaccination given below3 monthsof age,a booster dosegiven at3 months age	3yearsannual vaccination recommended in endemic areas
Post-Exposur etherapy		I-Dayzero of dog biteorwithin24 hrs II-Day3 III-Day 7 IV-Day 14 V-Day28 and VI -Day90			

CompoundVaccinesofFMD/HS/BQ					
Rakshabiovac (FMD+HS)	Indian Immunologicals	3 ml midneck deep I/M	4 months	9 months	Annually
Raksha triovac (FMD+HS+BQ)	-do-	3 ml mid neckdeep I/M	4 months	9 months	Annually
Raksha HS+BQ	-do-	3 ml mid neck regionS/C	6 months andabove	Annually and in adverse climatic conditions like unseasonalrainsand cyclonesetc.	