**Vaccination schedule for farm animals**

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| --- | --- | --- | --- | --- |
| **Disease** | **Type of vaccine** | **Dose & route** | **Tentative schedule** | **Manufactured by** |
| H.S | Alum precipitated (having strains of Pasteurella multocida Robert type-1) | 5ml/300 kg B.W S/C | May-June Nov-Dec | VRI (LHR)  VRI (Peshawar)  CASVAB (Quetta)  VETY CARE (ISBD)  NIAB (FSD)  Hira Labs (FSD)  BIO LABS (ISBD) |
|  | Killed oil adjuvant vaccine | 3 ml for adult  1 ml for upto 1 year of age.  I/M  Booster in calves after 12 weeks | Once in a year | VRI (LHR)  VETY CARE (ISBD)  NIAB (FSD)  Hira Labs (FSD)  BIO LABS (ISBD)  Grand pharma (ISBD) |
| FMD | Aluminum hydroxide trivalent (O,A,ASIA-1) vaccine | 5 ml S/C  3 ml for youngs | FEB-MAR  SEP-OCT | Avesina (LHR)  FMD Research Centre (LHR)  UVAS (LHR) |
| Black Quarter | Alum precipitated culture of Cl.chauvoei | 5 ml/600 lbs.  B.W | APR-MAY | VRI (LHR)  VRI (PSHWR)  CASVAB (QUE) |
| Anthrax | It is a suspension of live attenuated spores of non-capsulated Bacillus anthracis in glycerine  saline | 1 ml  S/C | Once in a year | VRI (LHR)  VRI (PSHWR)  CASVAB (QUE) |
| Rabies |  |  |  | VRI (LHR) |
| Enterotoxaemia | Alum precipitated (prepared by incorporating equal quantity of perfringens type B & D. | 3ml for adults  1 ml for lamb | JAN & JULY  Ewe 7-10 days before parturition | VRI (LHR)  VRI (PSHWR)  CASVAB (QUE) |
| CCPP | It is a formalized culture of Mycoplasma mycoides | 1 ml  S/C | MAY & NOV | VRI (LHR)  VRI (PSHWR)  CASVAB (QUE) |
| PPR | PPR vaccine |  |  | VRI (LHR)  CASVAB (QUE) |
| Sheep pox | It is attenuated live virus cell culture ( RM-65 strain) | 1 ml  S/C | MAR & SEP | VRI (LHR) |
| Goat pox | It is attenuated live virus cell culture Goregan | 1 ml  S/C | MAR & SEP | VRI ( LHR) |

**Vaccination schedule for broiler birds**

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| **Age (day)** | **Vaccine** | **Dose/Bird**  **(ml)** | **Route** |
| 5-7 | ND | 0.025 | E/D |
| 8-12 | Gumboro | 0.025 | E/D |
| 16 | Hydropericardium  Syndrome | 0.50 | I/M  S/C |
| 20 | Gumboro | 0.50 | D/W |
| 20-22 | ND(Lasota) | 0.50 | D/W |
| 28-30 | Gumboro | 0.50 | D/W |

**Vaccination schedule for layer birds**

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| **Age (day)** | **Vaccine** | **Dose/Bird (ml)** | **Route** |
| Day old | Marek`s | 0.3 | S/C |
| 5-7 | ND+IB | 0.025 | E/D |
| 8-12 | Gumboro | 0.025 | E/D |
| 18-20 | Gumboro | 0.025 | D/W |
| 21-22 | ND(Lasota) | 0.025 | D/W |
| 32-34 | Gumboro | 0.025 | D/W |
| 38-40 | ND(Lasota) | 0.025 | D/W |
| 7th week | Fowlpox | One dip of prong | W/W |
| 8th week | Coryza | 0.25 | S/C, I/M |
| 11th week | ND+IB | 0.25 | D/W |
| 14th week | Coryza | 0.25 | S/C, I/M |
| 16th week | ND+IB+EDS | 0.50 | S/C, I/M |
| After every two months | ND(Lasota) | 0.50 | D/W |

Vaccination schedule for breeder birds

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| **Age (day)** | **Vaccine** | **Dose/Bird (ml)** | **Route** |
| Just after hatching | Marek`s | 0.3 | S/C |
| 2nd | ND+IB | 0.025 | E/D |
| 10th | ND(Lasota) | 0.025 | E/D |
| 14th | Gumboro | 0.025 | E/D |
| 18th | Avian influenza | 0.50 | S/C+I/M |
| 22nd | ND(Lasota) | 0.50 | D/W |
| 24th | HPS | 0.50 | I/M |
| 26th | Infectious bronchitis | 0.50 | D/W |
| 38th | AI | 0.50 | S/C+I/M |
| 40th | I.B.D | 0.50 | D/W |
| 6th week | Mycoplasma gallisepticum | 0.50 | S/C+I/M |
| 7th week | ND(Lasota) | 0.50 | D/W |
| 8th week | Fowl pox | One dip of prong | W/W |
| 9th week | IB | One dip of prong | D/W |
| 10th week | ILT | 0.025 | S/C in neck |
| 11th week | Coryza | 0.50 | E/D |
| 12th week | ND(Lasota) | 0.50 | D/W |
| 13th week | Avian Encephalomyelitis | 0.50 | D/W |
| 14th week | IB | 0.50 | D/W |
| 15th week | Mycopalasma gallisepticum | 0.50 | S/C +I/M |
| 17th week | Coryza | 0.25 | S/C |
| 21st week | ND+IB+IBD+EDS-oil base | 0.5 | I/M in brest |
| Repeat after every two months | ND(Lasota) | 0.5 | D/W |