

BROILER BREEDER VACCINATION PROGRAM



Schering-Plough
Animal Health



Broiler Breeder Vaccination Program

Age	Disease	Vaccine Strain	Route	SPAH vaccine
day one	Marek's Coccidiosis	HVT + SB ₁ , Rispens	Inject / <i>in-ovo</i> Spray	Coccivac [®] -D
1-2 weeks	Reovirus	1133	Water Spray	Enterovax [®]
2 weeks	ND IB IBD	B ₁ , B ₁ Mass +/-Conn Intermediate	Water or Spray Water	Twinvax [®] or Broilerbron [®] B ₁ or Polybron [®] B ₁ Univax [®] Plus
4 weeks	ND IB IBD	B ₁ , B ₁ Mass +/-Conn Intermediate	Spray Water	Twinvax [®] or Broilerbron [®] B ₁ Univax [®] Plus
5 weeks	Reovirus	1133	Water or Spray	Enterovax [®]
6-8 weeks	ND IB	LaSota Holland	Spray	Ava-Bron-H [®] N-63
8 weeks	Reovirus IBD	1133 - Hot Hot	Water	Teno-Vaxin [®] Bursa-Vac [®]
10 weeks	AE Pox LT Fowl Cholera CAV (opt) IBD & Reo	Calnek Fowl LT TC PM-1 or M-9 inactivated	Wing Web Eye drop Wing Web injection	AE+Pox LT-Ivax [®] PM Onevax [®] -C or M-Ninevax [®] -C
18 weeks	Fowl Cholera IBD, IB, Reo & ND	PM-1 or M-9 inactivated	Wing Web injection	PM-Onevax [®] -C or M-Ninevax [®] -C

Respiratory Vaccination

Broiler breeder respiratory vaccination programs are highly variable:

Programs that desire low Newcastle Disease or infectious bronchitis titers in the progeny may avoid the use of highly antigenic live vaccine strains (Newcastle LaSota or Bronchitis Holland) as well as inactivated respiratory vaccines. Such programs are common in low-challenge areas.

Breeders placed in high challenge areas, however, must protect egg production with a solid vaccination program including multiple doses of highly antigenic Newcastle and infectious bronchitis vaccines, as well as inactivated vaccines or live respiratory boosts every 60 to 70 days while in lay.

Infectious Bronchitis Variants

Where Arkansas IB has been identified as a problem include in the vaccination program

<u>Age</u>	<u>Strain</u>	<u>Route</u>	<u>SPAH vaccine</u>
2 & 4 wks	Arkansas	Spray Water Spray	Broilerbron [®] 99-B ₁ or Polybron [®] N-63 + Broilerbron [®] 99
	Delaware 072	Spray Water	Ava-Bron-H [®] N-63 + Shor-Bron [®] -D

Follow these live primers with inactivated vaccines containing both classic and variant bursal-derived antigens or live boost with Bursa-Vac every 8 weeks.

PRECAUTIONS:

1. Vaccinate only healthy birds
2. Always follow manufacturer's recommendations for handling, storage and administration of all vaccines.
3. **Coccivac[®] D** vaccine induces immunity after 28 days. Flock management programs must accommodate the immunity development process.
4. **Enterovax[®]** vaccine does not spread bird-to-bird. Take care to ensure complete flock coverage via spray or water technique. Avoid the use of live reovirus vaccines during production: vertical shed to the progeny may result.
5. Vaccines for avian encephalomyelitis should be administered at 8 weeks of age or older to avoid AE signs in breeder replacements, and at least 4 weeks prior to initial egg production to avoid vertical shed of the virus to the progeny.
6. Examine and record "takes" for both pox and live fowl cholera vaccines at 7 days post-vaccination to evaluate application technique, flock tolerance of vaccine strain and to ensure flock immunity.

**For more information, or to consult with our
Technical Support Group, call 1-800-219-9286
For Customer Service, call 1-800-356-7470**

Local conditions may vary. Always seek the advice of a veterinarian or Schering-Plough poultry health expert in planning *your* vaccination program.

Innovative Solutions *in Poultry Health*

Today's poultry industry demands innovative approaches to emerging diseases. To remain profitable, poultry producers evaluate options carefully and choose what works best for them. We have always strived to offer products and services that make a difference, even taking the unconventional path to bring the best tools for improved performance and profitability.

BURSA-VAC®

Product of choice for priming breeders and against virulent challenge in broilers

COCCIVAC®-D

Offers natural, long-life protection against coccidiosis

SPRAYCOX® II SPRAY CABINET

The latest in efficiency and flexibility in spray cabinet technology

ENTEROVAX®

First reovirus for broilers, mass-applied in drinking water or by spray

DYNAMIC IMMUNITY

A new management concept to control field challenge

***As we keep turning the wheels of innovation,
the most exciting solutions are yet to come...
from Schering-Plough Animal Health***