



BVD ELIMINATION USING ADAM

COURTESY OF JOE BROWNLIE & RICHARD BOOTH (RVC)

A
STEP 1
ASSESS HERD

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STEP 2
DEFINE HERD STATUS

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STEP 3
ACTION PLAN FOR BVD

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STEP 4
MONITOR PROGRESS

Investigate;

- Biosecurity (3B's)
- Vaccination
- Disease history
- Disease risk

SATISFACTORY

Screen for BVD with;

- Tag & Test or a Blood test sample of 5 to 10 young stock
- Bulk milk antibody sample

NO PI's FOUND

A) Control the risk of BVD introduction if not present
Consider 3B's in your Biosecurity; Buying, Borrowing, Boundaries

- Repeat Step 2 to retain BVD free status (every 7-12 months for young stock)
- Join accreditation and surveillance programme

NOT SATISFACTORY

- Seek veterinary advice.
- Implement advice then proceed with the BVD eradication programme

SATISFACTORY

Sample to include all groups in your herd. Isolate any PI calves found and their dam ASAP. Confirm PI status by a blood test 3 wks later to both. Cull both if PI status is confirmed. If only a TI they are no longer infectious, recovered and can re-enter the herd.

PI's FOUND

B) Screen for PI's on farm

- Test all animals and cull PI's
- Then test all calves for 1 yr. after PI's removed
- Any further PI's found then test for 1 yr. thereafter

Treat all new or returning stock as a potential threat, isolate and vaccinate if required. Avoid introducing pregnant stock who could be 'trojan' carriers, otherwise, isolate and test the dam, then the calf when born.

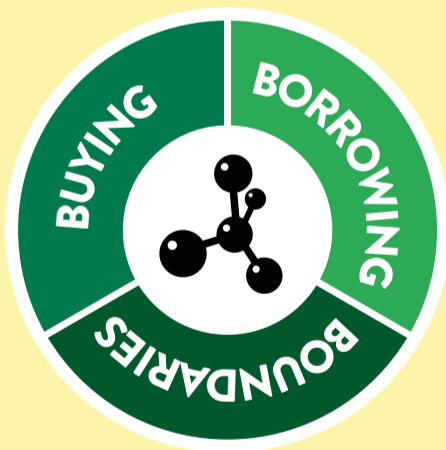
PI = Persistently Infected
TI = Transiently Infected

ESTABLISHING BVD FREE STATUS

- ✓ Higher milk yields
- ✓ Improved calving indexes with improved herd fertility
- ✓ Higher daily live-weight gain and a lower cull rate
- ✓ Lower incidences of pneumonia and calf scours in young stock
- ✓ Reduced lameness and mastitis in adult cattle
- ✓ Better response and outcomes if treatment is administered
- ✓ Healthier herds with higher immunity and less intervention requirements without the BVD virus suppressing the immune system
- ✓ Embarking on a voluntary BVD eradication programme before any compulsory phase adds a market premium to your calves, store cattle and breeding stock at auction
- ✓ Financial returns are estimated to give a return of €10 for every €1 in the Republic of Ireland BVD programme*.



THE 3B'S OF BIOSECURITY*



*Source; AHI

Dalton TAGS

TAG & TEST ALL NEW CALVES, BULLS & HEIFERS TO ENSURE YOU ARE BVD FREE

www.BVDfreeEngland.co.uk



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