10/3/15

Academy of Dairy Veterinary Consultants
Spring Meeting in Sacramento, CA

Notes by Joseph Dalton

Genomics Discussion

- At meeting to learn more
- Bulls→Stud
  - Test all females
- Test all heifers
  - OPU IVF top 10%
  - Embryos in low 40-50%
  - Conv. In other animals sexed acll
  - Not sure what next stop is
  - Increase $$ in herd
  - Vet as manager/advisor
- Hersey Dairy
  - Sexed semen → Heifers – custom fed
  - Feed the best (not all)
  - Super = ET
  - Early adopters → Know what to do
  - Sell additional heifers
- Poor motivation → Poor results potentially
  - Don't use sexed semen yet
  - Use other techniques first
- Sexed Semen
  - Lots of heifers born
  - Don't feed them all – But how to decide which to keep?
  - Identify bottom ends?
- Hardest part – How to select heifers?
- Develop lots of heifers with sexed semen – then cut bottom out
- Use sexed semen to eliminate jersey calf >0% to SS, 30% to Beef
- Tech service from Zoetis
  - Genetic profile
  - Code / Semen buy info strategy sexed, conventional, beef.
  - Zoetis better service; Neogen cheaper services but not as good as Zoetis
- DVM's not bringing this up with clients; Clients are early adopters
- DVM @ MTG who has used sexed semen for years.
  - Excess heifers
  - Excellent health records
  - Sells animals to other producers; willing to sell at 1st strike or 2nd strike; potentially due to recurrent health events
  - How to build a decision tree?

- Diagnostic opportunity when $NM comes back as – 8 $NM
- Do heifers from bottom % make good recips?
- Neogen dairy DASH BOARD – went live Oct 1st
- 5 or 6 participating DVM's bring up genomics with clients
- Milk price is low – Barrier
- Expand? – Barrier
- Value of semen again
- OPU 7 month old heifers – IVF – ET
    - Raise them, sell bottom %
    - Embryo Prod
        - $110 in vivo cost
        - $60-70 IVF cost
    - Very selective on sires
    - Early adopter of technology → very high genetics → What are we going to do with these animals?