

What is disease resistance?

A balance between the pathogens/infectious agents in the environment and the function of the calf's immune system.

Factors affecting calf immunity:

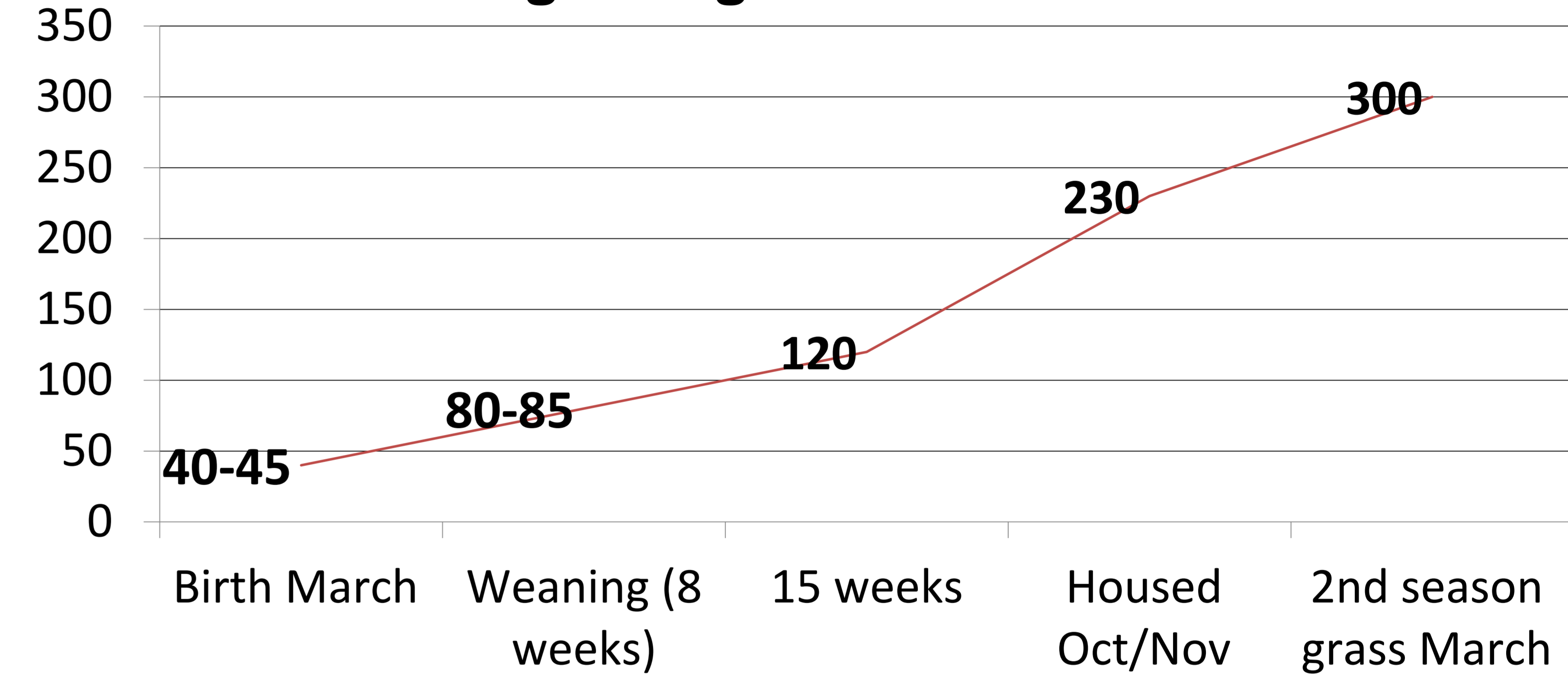
- Colostrum / FPT
- Calf comfort
- Stress
- Nutrition
- Vaccination
- GI Health
- Farm Hygiene



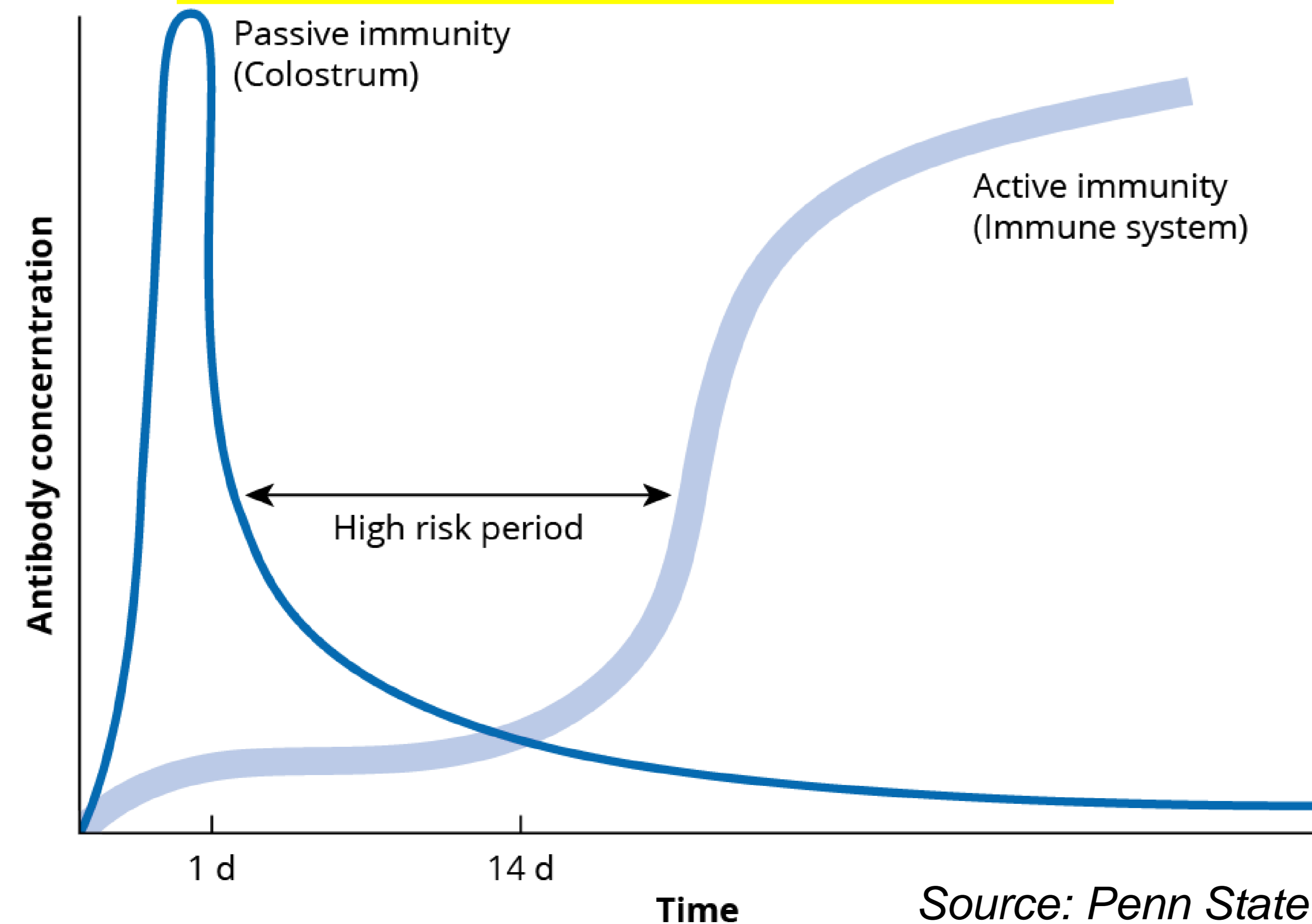
Targets for Rearing Period:

- Double calf BW by 8 weeks
- ADG 700-800g/day
- Calf mortality of <3%
- <10% calf morbidity (disease incidences)
- LW 190-230kg at housing

Liveweight targets of March born calf



Avoid the 'Danger Period'



Concentrate supplementation:

- Early born: 1-2kg until mid-may. Reintroduce 1kg/day Sept.
- Late born: 1-2 kg concentrate all summer.

2018 trial animals – difficult summer!

- Average birthdate 24th Feb. 2018.
- 121 kg at 15 weeks (arrival to farm, 0.77 kg ADG)
- 2 kg concentrate all summer (0.83 kg ADG)
- 244 kg on 6th Nov (housing)