



Futura R

Feeding Ruminants for the future

STATUS QUO BASED ON INTERNATIO NAL DATA- BASES

Ketosis, still an issue

Reproduction, lagging behind

Stagnating milk productions, life time milk productions

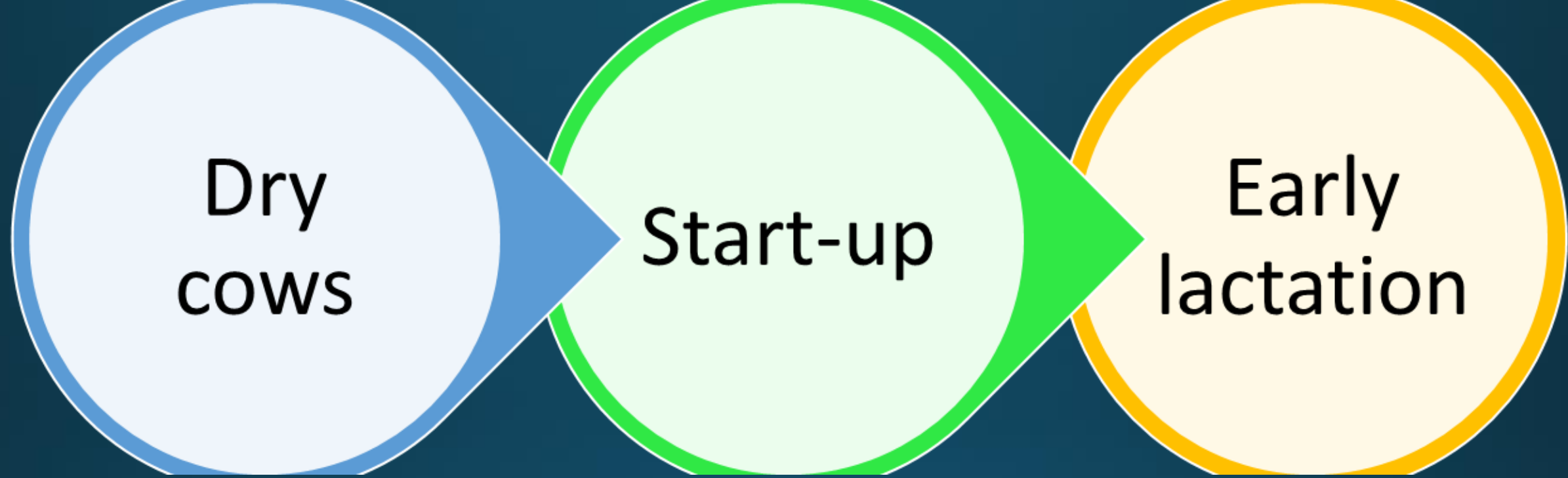
Dry cow management

Vlog milk production, environmental impact



Acknowledgement is the first step to solutions





Critical periods

Dry cows

- High Dry matter intake
- adequate energy/protein
- DCAD
- methionine/lysine/choline Chloride

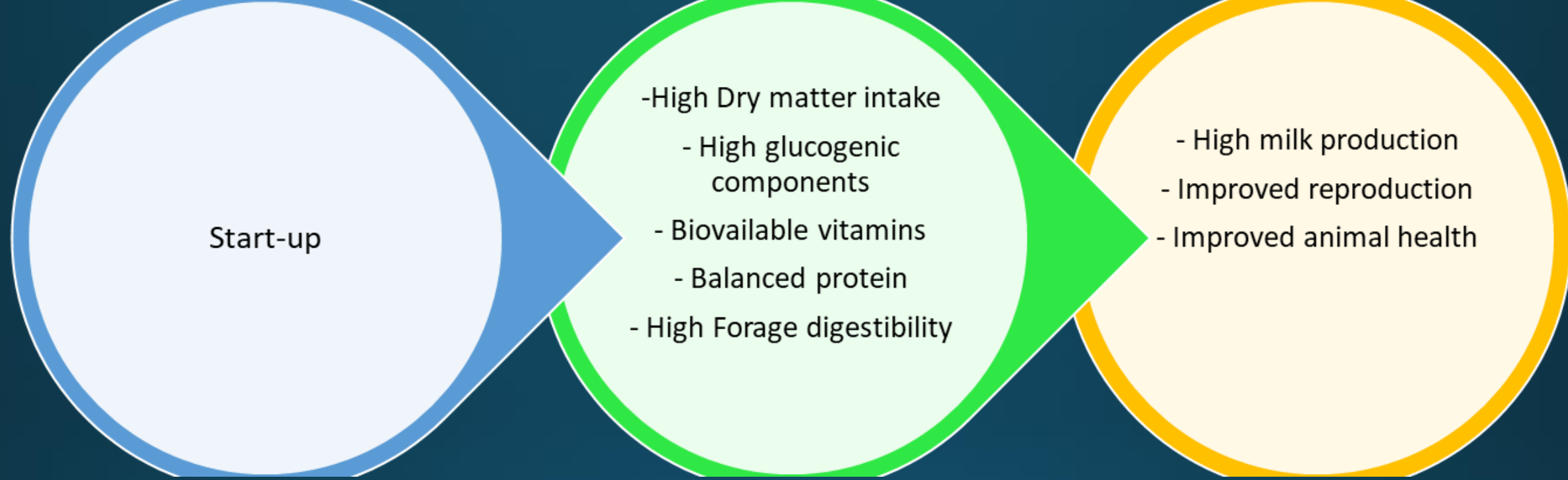
- less milk fever
- less metabolic diseases
- better reproduction
- higher life time milkproduction

Dry Period

Dry Cow Concept

- One Ration

- Decreased Energy levels
- DCAD balancing
- Methionine/Lysine Balancing
- CholineChloride



Start-up
0-8 DIM

Start Up Concept

- **Glucogenic Ration**

- Feeding Protected Glucose for additional available Energy
- Feeding Protected Choline Chloride to support liverfunctions
- Methionine/Lysine Balancing
- Addition of Life Yeast/ Yeast Cultures to stimulate fiber and starch digestions

Early Lactation

- High Energetic demand
 - High glucogenic components
 - Bioavailable vitamins
 - Decreasing in protein
 - High Forage digestibility

- High milk production
- Efficient reproduction
- strong animal health

Early Lactation
8-80 DIM

Early Lactation Concept

- **Glucogenic Ration**

- Feeding reduced amounts of Protected Glucose for additional available Energy
- Feeding Protected Choline Chloride to support liverfunctions
- Methionine/Lysine Balancing
- Alterations of rumen fermentation to improve protein efficiency by specific herbs/essential oils
- Addition of Life Yeast, Yeast Cultures combination to stimulate fiber and starch digestions

concept



Calf Concept



- Delivery of High quality Rumen Protected components
- Delivery of High quality Yeast Cultures
- Support in Ration calculations
- Tracking of results with in-house indexes
- Technical support





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