

NWF Drytime

Effectively managing a successful dry period can yield significant benefits through into lactation. Drytime has been formulated to help achieve this through the following areas:

- **Strong negative DCAB.** Dietary Cation Anion Balance can be an effective method of reducing metabolic disease such as milk fever
- **Reashure.** Rumen protected choline has been shown to reduce metabolic diseases such as ketosis and improve milk yield. Reashure is a proven protected choline designed to be fed 2 - 3 weeks pre calving
- **Minerals.** Drytime has been formulated to supply balanced vitamins and trace elements based on the latest animal requirements data
- **Magnesium.** Feeding 2kg/hyd of Drytime will supply 42 grams of added magnesium. Magnesium can be effective in increasing calcium uptake and reducing milk fever
- **Mineral availability.** Drytime contains both Optimin (organic) and Intellibond (hydroxy), minerals included to improve mineral availability and activity
- **Immunity and hoof health.** Added antioxidant through Cell Shield has been included to help support vitality and Biotin, included to boost hoof health



At NWF we know the importance of **Hydration** and **Gut Health**



Redefining hydration and gut health to keep your herd drinking, eating and producing

"I have been using YMCP for fresh cows and cows off their feed for a couple of months now and I have found that when used as a drench for sick cows, whether that be due to mastitis or a retained cleansing, they have a markedly improved appetite within 12 hours of being drenched. It is a great aid to help cows recover their feed intakes and quickly bounce back."

Tom Laarveld, Heath Hill Farm, Devon

"Fresh Cow YMCP® is a proven product of twenty plus years in my dairy practice. It is a convenient, well balanced, and ready to use adjunct therapy that I can easily modify for individual cows. I recommend YMCP as my first choice supplementary treatment for compromised or sick cows requiring a jump start post freshening to aid in hydration, macro mineral supplementation, and to reestablish rumen microbial function. These qualities are important in the recovery and future lactation performance of transitioning cows on all dairy farms."

Bernard "Bernie" Senn MS, DVM, SennVet LLC, Indiana, USA

NWF Agriculture is sole UK distributor of TechMix products.

For more information, information contact your local NWF Sales Specialist or call us on **0800 756 2787** or email us at sales@nwfagriculture.co.uk



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Edition 4: 2020



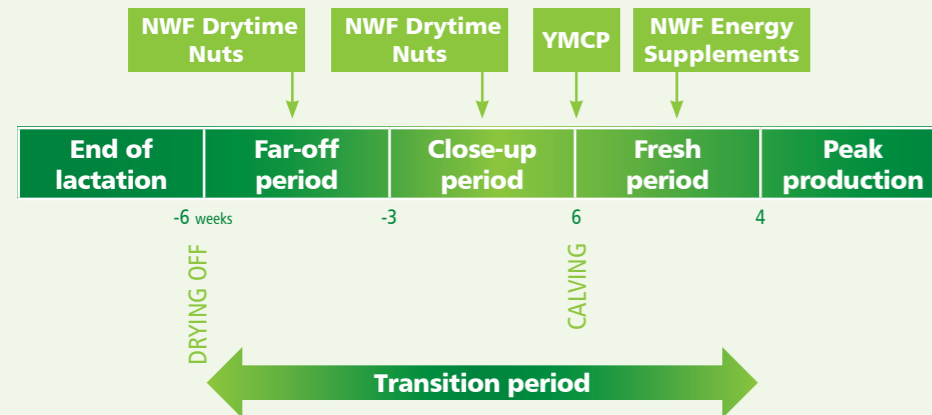
NWF Transition Cow Programme

The NWF Transition Cow Program has been formulated to actively tackle the key areas responsible for a healthy and productive transition period.

Transition Cow Targets

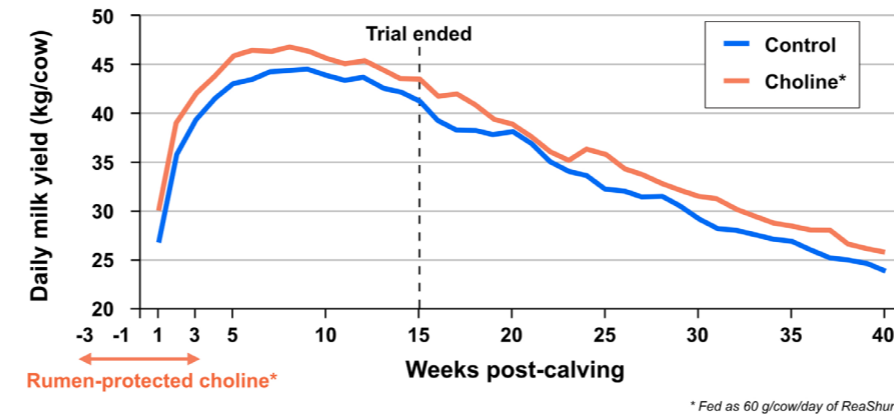
- Enter the dry period in the correct body condition score
Target 2.75 - 3
- Supply a balanced diet
Controlled energy and protein levels
- Ensure adequate mineral inclusions
Calcium and magnesium balance can be key to milk fever prevention
- Monitor dry matter intakes through dry period
This can be key to achieving high intakes post calving
- Control metabolic disease
Various metabolic diseases can reduce milk yield and fertility
- Drive for health and stimulate intakes post calving

NWF Drytime has been re-formulated to balance both high straw and high silage dry cow diets. Using the latest research, Drytime contains key ingredients to focus attention on specific areas that can yield maximum returns.



NWF DryTime contains Reashure, a proven form of choline chloride, encapsulated to protect it from rumen breakdown and deliver it to the small intestine.

ReaShure®



Why is choline important?

Choline has a number of activities in the cow, a key one being fat transportation. Early lactation cows will always lose weight which puts pressure on the liver, choline can aid the transportation of fats away from the liver, improving liver function and fat usage.

So what are the benefits?

- Improve fat metabolism
Fat that is lost in early lactation can clog up in the liver, choline is essential for fat transport out of the liver
- Support milk production
Fat removed from the liver by choline can be transported to the mammary gland and used for milk or milk fat
- Reduce metabolic disorders
A healthy functioning liver supports improvements in clinical and sub clinical disorders such as ketosis

Far-off dry period

Use NWF Drytime (1 - 2kg/h/d) or NWF Ultramin dry cow minerals (150 - 200g/h/d)

- Target approx 100MJ/h/d (breed dependent)
- Dry matter intakes should be 12 - 14 kg/h/d
- Target low calcium and high magnesium, use magnesium chloride where appropriate
- Aim to maintain BCS through this period

Close-up period

Use NWF Drytime at 2 - 3 kg/h/d

- Target approx 120MJ/h/d (breed dependent)
- Target BCS 3 at calving, 2.75 - 3.25 is a typical range
- Dry matter intake should be approx 12kg/h/d
- Target low calcium and high magnesium, use magnesium chloride where appropriate
- Include straw where possible to reduce calcium and potassium, ensure straw is chopped to approx 2cm
- Target a close up period of 2 - 3 weeks, do not move cows within the last 10 days pre-calving

Immediately after calving

Use YMCP

- Palatable post calving drink for use either immediately post calving or for a downer cow
- High in re-hydration salts, calcium and magnesium, energy and vitamins
- Contains a double dose of proven live yeast to give the rumen a kick start
- Mix 1 sachet in approx 25 litres of water and offer immediately post calving
- If drink cannot be given, mix 1 sachet in 1 litre of water and give as a drench
- Water dispersible, after drinking, any remaining ingredients should be applied onto the calf's back for the cow to lick off

Fresh cows

Cows reach their peak negative energy balance approx 2 weeks post calving. Any extra energy offered during this period can help cows to recover and thrive

- Fats - Rumen protected fats are a high energy source used to help return cows to positive energy balance. Feed rate 100 - 500g/h/d
- Propylene glycol - highly available energy source, either top dressed or drenched. Feed rate 100ml/h/d
- GycoMol - Glycerine enriched molasses for palatable, high and digestible energy
- Pro Keto - Palatable propylene glycol and glycerin mixture containing vitamins and choline. Ideal for robot systems. Feed rate 100ml/h/d twice a day.

React

Even with best laid plans, sometimes things can go wrong. Rumen Yeast Caps are a treble dose yeast bolus designed to give the rumen a boost during any type of 'off feed' event. Use 1 per day for up to 3 days if intake has dropped for any reason.