

X-Zelit® significantly improves blood calcium levels and minimizes clinical and subclinical hypocalcemia without the hassles of a negative DCAD program.

## BEST PRACTICES FOR FEEDING X-ZELIT®

- Know your Dry Matter Intake!
- Feed X-Zelit® for 14 – 21 days pre-calving
- TMR Process Control Checkpoints
  - Properly processed, consistent particle size
  - Correct moisture to achieve uniform intakes
  - Follow recommended ingredient sequencing & mixing times
  - Batch size: ≥ 25% of mixer capacity

## INCORPORATING X-ZELIT® INTO THE RATION

Follow these ration balancing guidelines:

### Ingredient Guidelines

Ingredient	DMI	
	(lb)	(kg)
Corn silage	12 – 15	5.4 – 6.8
Haylage*	3 – 6	1.4 – 2.7
Straw/grass hay*	3 – 6	1.4 – 2.7
Soybean meal/Canola meal	2 – 5	0.9 – 2.3
Rumen undegraded protein/Amino acid source	0.25 – 1.0	0.1 – 0.5
Minerals/vitamins/additives	0.5 – 1.0	0.2 – 0.5
X-Zelit® (refer to inclusion rate chart on back)	0.70 – 0.80	0.32 – 0.36
<b>Total Dry Matter Intake</b>	<b>26 – 30</b>	<b>11.8 – 13.6</b>
* Small grain silage can be used to replace part of haylage and/or straw/grass hay	3 – 6	1.4 – 2.7

## X-ZELIT® OFFERS THE MANAGEMENT TRIFECTA:

- No urine pH testing
- No need for low-potassium forages, which are costly and require processing
- Only use calcium boluses for high-risk cows

These labor and management benefits add up to significant time and money.

### Nutrient Guidelines

42 – 48% Dry Matter	0.55 – 0.80% Calcium
> 1200 grams Metabolizable Protein	0.28 – 0.39% Phosphorus
16 – 20% Starch	≥ 0.40% Magnesium
36 – 42% aNDFom	0.22 – 0.28% Sulfur
Potassium/DCAD: Minimal Importance	
Can feed haylage/small grain forages	
Standard recommendations for all other minerals/vitamins	

## MANAGEMENT ESSENTIALS for Transition Success

- ✓ Provide 30 inches or 76 centimeters of bunk space per cow
- ✓ Maximize cow comfort
- ✓ Maintain < 100% stocking density
- ✓ Minimize pen moves
- ✓ Feed a high fiber, properly processed and palatable TMR
- ✓ Comply with fresh cow protocols

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Uncomplicated Excellence



## X-ZELIT® FEEDING RATE RECOMMENDATIONS\*

	Prefresh Dry Matter Intake: lb/cow					
	22 lb	24 lb	26 lb	28 lb	30 lb	32 lb
Dietary Phosphorus	X-Zelit® Feeding Rate: lb/cow					
0.28 – 0.31%	0.50	0.55	0.60	0.65	0.70	0.75
0.32 – 0.35%	0.55	0.60	0.70	0.75	0.80	0.85
0.36 – 0.39%	0.65	0.70	0.80	0.85	0.90	0.95

\*X-Zelit® feeding rate listed is on a pound per day, as-fed basis (93% DM Product)

	Prefresh Dry Matter Intake: kg/cow					
	10 kg	11 kg	12 kg	13 kg	14 kg	15 kg
Dietary Phosphorus	X-Zelit® Feeding Rate: kg/cow					
0.28 – 0.31%	235	260	285	305	330	355
0.32 – 0.35%	270	295	320	350	375	400
0.36 – 0.39%	300	330	360	390	420	450

\*X-Zelit® feeding rate listed is on a grams per day, as-fed basis (93% DM Product)

## IMPORTANT CONSIDERATIONS WHEN SWITCHING TO THE X-ZELIT® PROGRAM

- Any type of supplemental feeding change(s) need to be introduced slowly
- Minimize forage changes during the switchover period
- Monitor fresh cows closely during the switchover period and provide timely supportive therapy

## RECOMMENDED SWITCHOVER STRATEGY:

- Split prefresh pen into 2 groups:
  - < 10 days from projected calving date: Stay on DCAD program until calved out
  - > 10 days from projected calving date: Switch to X-Zelit® program

**WORK CLOSELY WITH YOUR NUTRITIONIST TO DETERMINE THE BEST SWITCHOVER OPTION FOR YOUR DAIRY!**