



Potassium Source Matters



Ion Pak is a balanced electrolyte additive designed to increase Dietary Electrolyte Balance and improve metabolic buffering capacity in lactating dairy cow diets.

FEEDING DIRECTIONS FOR ION PAK IN DAIRY RATIIONS

Recommended conditions for inclusion are high producing dairy cows during time of environmental or dietary stress when lower then desired milk components are observed.

RATION BALANCE ADDITION:

Add **Ion Pak** to increase dietary potassium (K) to between 1.8 and 2.0% of the dry matter. ION PAK supplies +1063.55 MEq per 100 g

OR

To raise Dietary Electrolyte Balance (DEB) as Na+K+Mg-Cl: Add 0.5-1.50 lb/hd/day **Ion Pak**

Ion Pak+ lbs/hd/day	% supplied to Ration based on 50 lbs DMI			DEB meq/kg added to diet	
	K%	Na%	Mg%	50 Lbs DMI	60 Lbs DMI
0.50	0.33%	0.05%	0.05%	146.7	122.3
0.75	0.50%	0.07%	0.08%	220.1	183.4
1.00	0.66%	0.09%	0.10%	293.4	244.5
1.25	0.83%	0.11%	0.13%	366.8	305.7
1.50	0.99%	0.14%	0.16%	440.1	366.8

Typical Analysis:

- Potassium: 34%
- Sodium: 5%
- Magnesium: 4%
- Calcium: 4%

Optimal DEB levels for Lactating Dairy Cows (calculated as Na+K-Cl) for dairy rations:

- High Producing Cows: 300 mEq/kg
- Mid-lactation Cows: 250 mEq/kg

Typical salt addition to diets are less than 0.15/lb/head/day.

For additional information, please contact:

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DAIRY INNOVATIONS

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