

Feeding Directions for S-Carb® in Dairy Rations

S-Carb® is pure sodium sesquicarbonate and has been used as a buffer in dairy diets for nearly 20 years. It has been shown that S-Carb® provides 10% more buffering than sodium bicarbonate. Differences in nutritionists and approaches to balancing rations make a single feeding recommendation difficult. Shown below are feeding recommendations for the most common approaches to ration balancing.

Addition by Milk Production:

S-Carb® 7oz / 100 lbs of milk

Incremental Ration Addition:

0.70% of the ration dry matter
14 lbs. /ton complete feed or 28 lbs. / ton concentrate

Buffer in times of heat stress can be raised to 1% of the ration dry matter.

If balancing for Dietary Electrolytes:

Recommended Dietary Electrolyte Balance (calculated as Na+ K – Cl) for dairy rations.

High Producing Cows	300 meq/kg
Mid-lactation Cows	250 meq/kg

S-Carb® provides 30.4% sodium or 13,223 meq/kg and additions of S-Carb® will depend on the electrolytes provided by other feedstuffs.