

AMINO ACIDS

Overall the market demand remains steady while below historical levels. Swine numbers remain consistent while poultry producers continue to battle disease issues with flocks.

Market prices are steady overall with some downward pressure on lysine and threonine. With Asian produced volumes increasing combined with shorter lead times and lower freight costs, prices have weakened. Domestic producers are keeping a keen eye on Asian prices to ensure they don't lose market share. One US lysine producer retracted their price increase in November intended to maintain sales volume.

Predictions are market prices will remain stable overall in the short term. With buyers not booking heavy volumes for Q1 yet prices are still to be determined.

INGREDIENT	Price Trend: 1 Month	Price Trend: 3 Month	Supply Availability
LYSINE	→↓	→↑	GOOD
THREONINE	→↓	→	GOOD
METHIONINE	→	→↓	GOOD
TRYPTOPHAN	→	→	GOOD
VALINE	→	→	GOOD

MINERALS

Inflation has slowed spending in manufacturing and construction sectors causing demand for consumer goods to decrease for mineral based products. This effect has been increased supply of minerals and in turn causing prices to decrease. Lower international shipping costs have also been a factor in helping ease prices.

Price conditions are expected to remain weak for most trace minerals into 2023.

Conditions with monocalcium phosphate remain stable with contracts under negotiation for 2023 in December. Although the market is pushing for lower prices, input costs for producers remains high.

INGREDIENT	Price Trend: 1 Month	Price Trend: 3 Month	Supply Availability
MONOCALCIUM PHOSPHATE	→	→	INCREASING - STILL TIGHT
COPPER SULFATE	↓	↓	GOOD
ZINC SULFATE /OXIDE	↓	↓	GOOD

VITAMINS

Market conditions have seen only subtle changes with supply continuing to be good. Prices have tended to be stable to lower overall. Shorter supply chain lead times combined with lower shipping costs are keeping prices in check.

DSM has announced an upcoming plant shutdown to their vitamin A production facility in Switzerland. The shutdown is expected to last for 2 months beginning in January. Time will tell if there's an impact on the market. Experts predict market prices to continue to be stable overall as we approach the end of the quarter.

INGREDIENT	Price Trend: 1 Month	Price Trend: 3 Month	Supply Availability
VITAMIN E	→	→	GOOD
VITAMIN A	↓	→	GOOD
CAL PAN	→	→	GOOD
NIACIN	↓	→	GOOD
D3 500	↓	→	GOOD

DAIRY POWDERS

Overall trends remain unchanged across the category. Supply continues to meet market demand with international demand inconsistent. In light of these conditions prices are overall steady.

INGREDIENT	Price Trend: 1 Month	Price Trend: 3 Month	Supply Availability
WHEY PERMEATE	→	→	GOOD
LACTOSE	→ ↑	→	GOOD
WHEY	→ ↓	→	GOOD