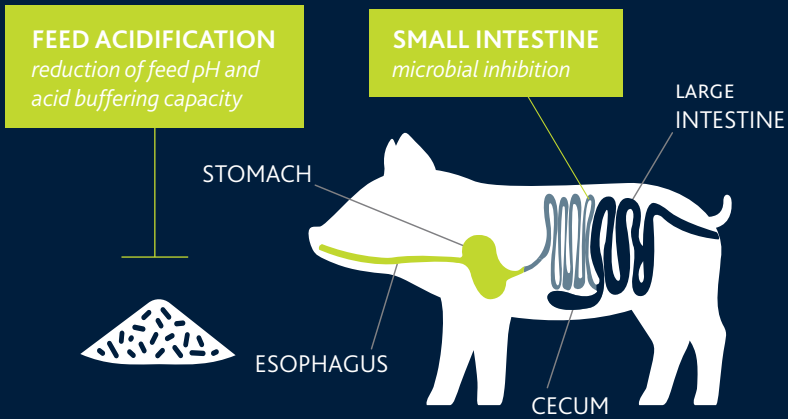


Eastman **Acitra CG2 Na**

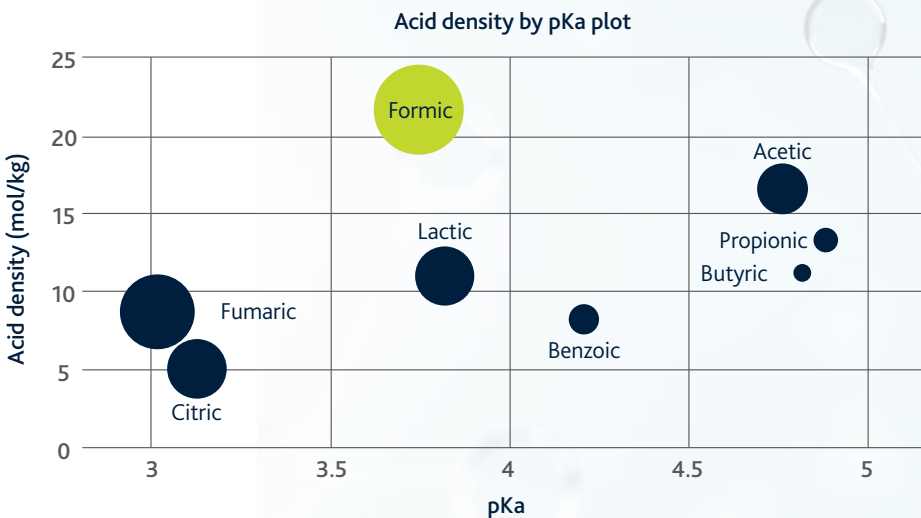
Looking for a tailored nursery acidifier that is **stable during pelleting and noncorrosive?**

This blend of organic acids, including formic acid, is designed to support stomach acidification and the inhibition of pathogenic bacteria in the proximal intestine of nursery piglets.



Formic acid acts as the first line of defense in nursery piglets.

- Strong acidification due to low pKa and high acid density (low molecular weight)
- Improves nutrient digestibility by reducing feed pH and feed acid-buffering capacity
- Synergistic effect with lactic acid to boost the inhibition of pathogenic bacteria such as enterotoxigenic *E. coli*



Lower pKa indicates stronger acid strength; higher acid density indicates more acid molecules per kg.

Score is calculated and defined as high when pKa is low and acid density is high. Formic acid scores the best among the listed acids.



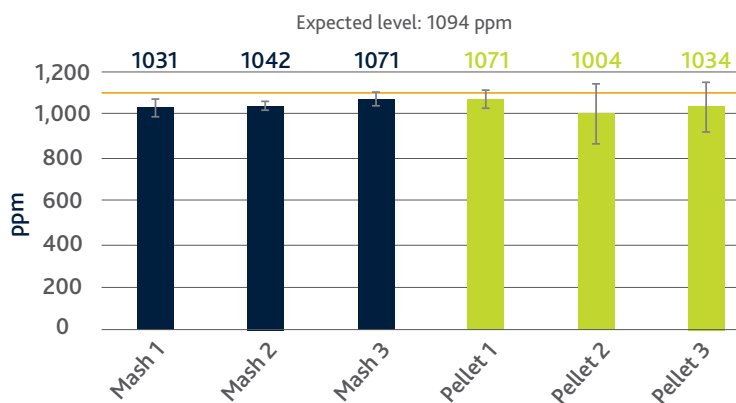
Acitra CG2 Na is stable during the pelleting process.

Acitra CG2 Na was added to a mash nursery basal diet at 6 lb/ton. The mash feed was conditioned and pelleted at 195°F. Formic acid content in the mash and pelleted feed samples matched closely to expected levels.

This suggests:

- Acitra CG2 Na was supplemented to the basal mash feed at the targeted inclusion level.
- Acitra CG2 Na is stable during the pelleting processes.

Formic acid content in mash and pellet feed



Acitra CG2 Na **as a dry powder has no risk of corrosion** on stainless steel and minimal corrosiveness on carbon steel under dry conditions at room temperature.

Corrosion rate (unit: mils per year) analyzed following ASTM G31-21 method

Metals	Acitra CG2 Na powder	Liquid blend of formic acid
1020 carbon steel	0.3	45.9
304L stainless steel	0.0	0.0
316L stainless steel	0.0	0.0



Contact Eastman Animal Nutrition for additional technical information by emailing animalnutrition@eastman.com or completing the form at eastman.com/animalnutrition. Thank you for your interest in Eastman's animal nutrition products.

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