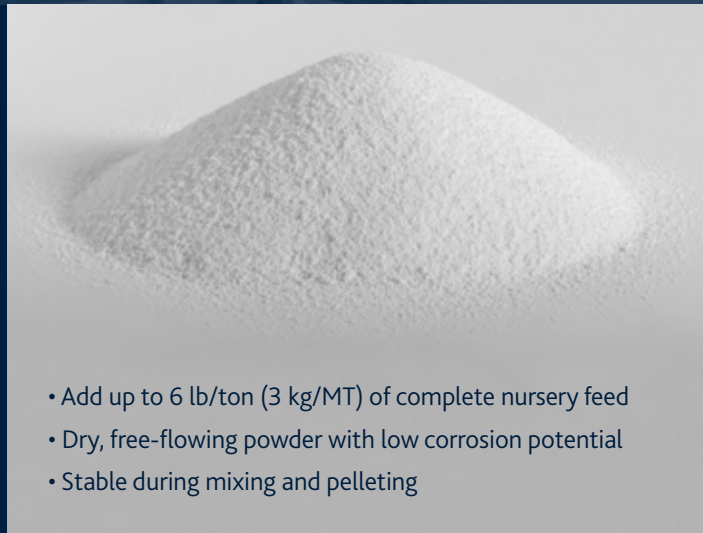
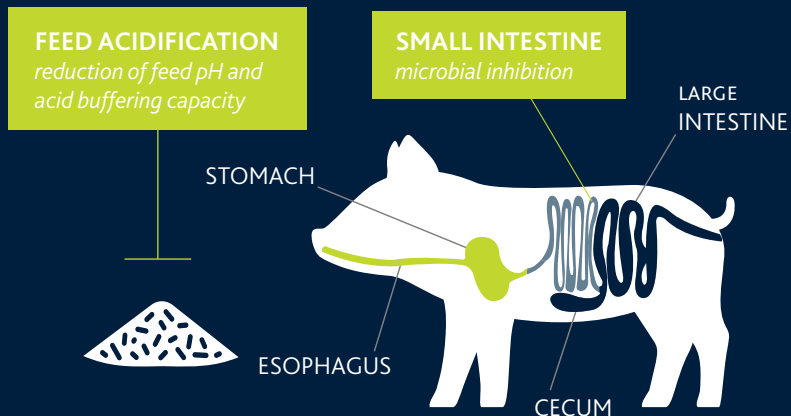


# Eastman **Acitra G20C**

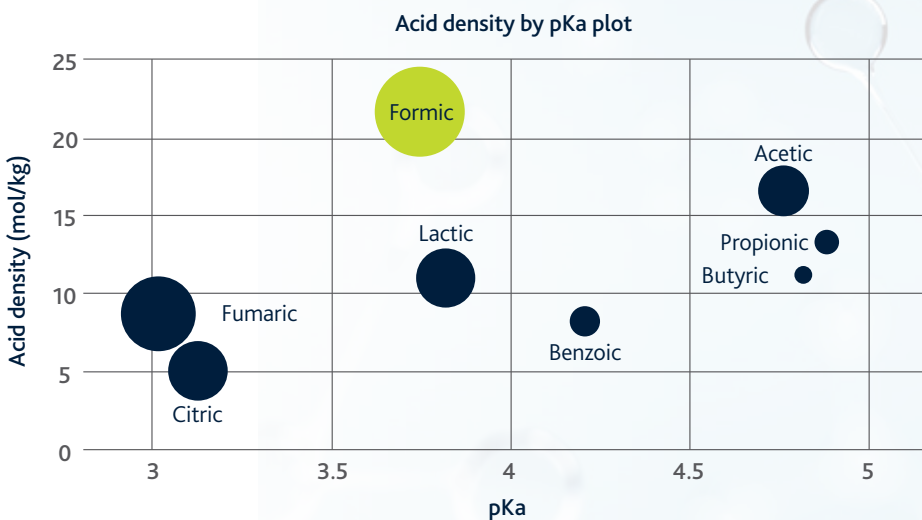
Looking for a tailored nursery acidifier that is **stable during pelleting and noncorrosive?**

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.



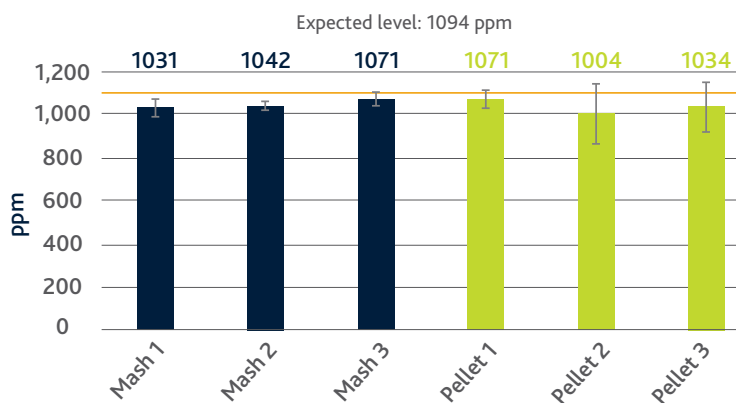
**Acitra G20C is stable during the pelleting process.**

Acitra G20C 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 G20C was supplemented to the basal mash feed at the targeted inclusion level.
- Acitra G20C is stable during the pelleting processes.

**Formic acid content in mash and pellet feed**



Acitra G20C **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 G20C 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](mailto:animalnutrition@eastman.com) or completing the form at [eastman.com/animalnutrition](http://eastman.com/animalnutrition). Thank you for your interest in Eastman's animal nutrition products.

**EASTMAN**

**Eastman Corporate Headquarters**  
 P.O. Box 431  
 Kingsport, TN 37662-5280 U.S.A.

U.S.A. and Canada, 800-EASTMAN (800-327-8626)  
 Other locations, +(1) 423-229-2000

[eastman.com/locations](http://eastman.com/locations)

Although the information and recommendations set forth herein are presented in good faith, Eastman Chemical Company ("Eastman") and its subsidiaries make no representations or warranties as to the completeness or accuracy thereof. You must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment, or formulation in conflict with any patent, and we make no representations or warranties, express or implied, that the use thereof will not infringe any patent. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS AND NOTHING HEREIN WAIVES ANY OF THE SELLER'S CONDITIONS OF SALE.

Safety Data Sheets providing safety precautions that should be observed when handling and storing our products are available online or by request. You should obtain and review available material safety information before handling our products. If any materials mentioned are not our products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be observed.

© 2023 Eastman. Eastman brands referenced herein are trademarks of Eastman or one of its subsidiaries or are being used under license. Non-Eastman brands referenced herein are trademarks of their respective owners.