

# Inoc-U-Lock™ Forage Ensiling Program

Crystal Creek® knows you work hard planting and harvesting your crops. Dry matter retention and feed quality should not be left to chance with a wild, or incomplete ensiling process. Visit us online at <https://crystalcreeknatural.com/videos/> to view the Inoc-U-Lock™ product video, which explains the importance of a rapid, complete fermentation process, or read the article below and talk with your Crystal Creek® nutritionist today.



With an entire year's worth of forage on the line, there is too much at stake to let a slow or incomplete fermentation process jeopardize your ensiled feedstuffs.

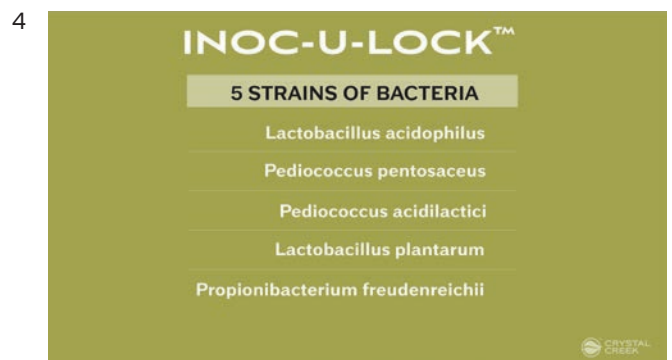


**Protect your forage investment**

To protect your forage investment, Crystal Creek® is here to help; with an inoculant program that provides a rapid and controlled fermentation process. The faster the fermentation is completed, the better quality forage you will have to feed.



That's why the Inoc-U-Lock™ family of inoculants contain specialized strains of bacteria and enzymes that work together to promote a rapid and complete fermentation.



The specially selected strains of bacteria used in Inoc-U-Lock™ each serve a specific purpose.

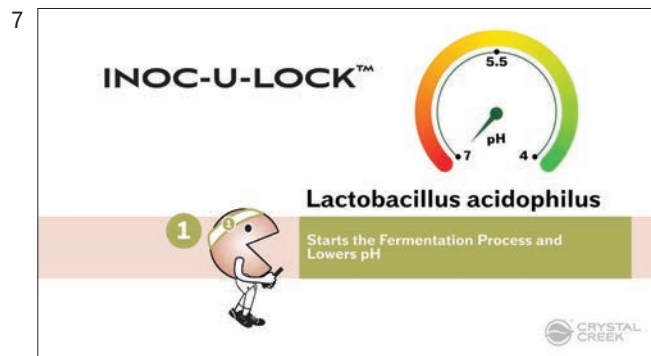
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INOC-U-LOCK™	
5 STRAINS OF BACTERIA	OPTIMAL pH RANGE
Lactobacillus acidophilus	8.5 to 3.5
Pediococcus pentosaceus	7.5 to 4.2
Pediococcus acidilactici	7.5 to 4.2
Lactobacillus plantarum	7.8 to 2.0
Propionibacterium freudenreichii	6.5 to 4.0

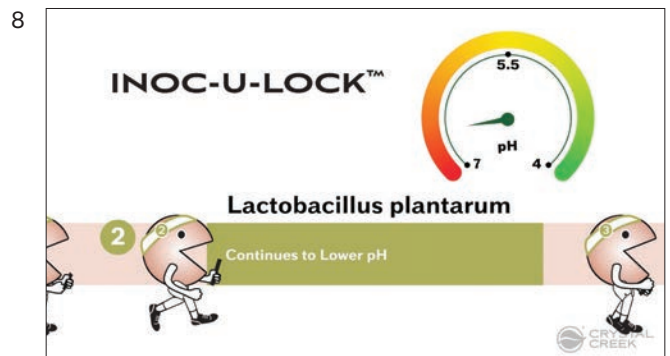
Each strain of bacteria has an optimal pH range that it thrives in.



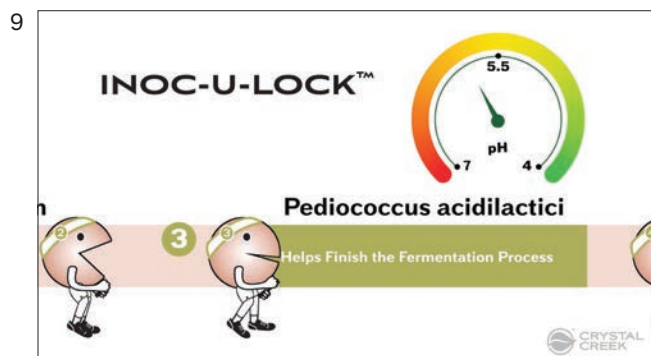
Think of the Inoc-U-Lock™ fermentation process like a relay race, with the finish line being a stable, preserved forage.



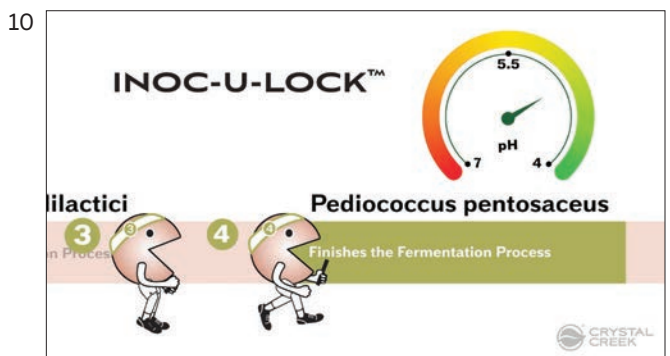
The first strain of bacteria activates in the high pH of fresh forage ...



... and drives the pH down into a lower range,



activating the next strain of bacteria.

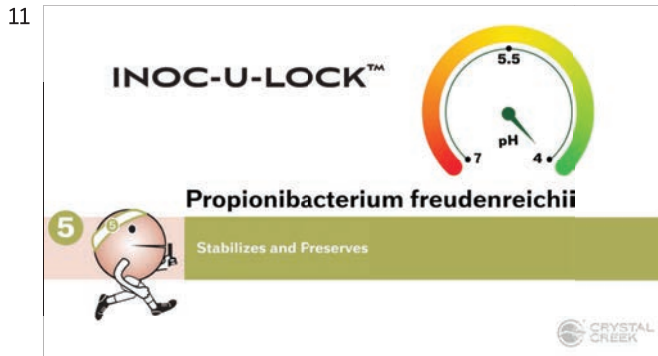


This process continues ...

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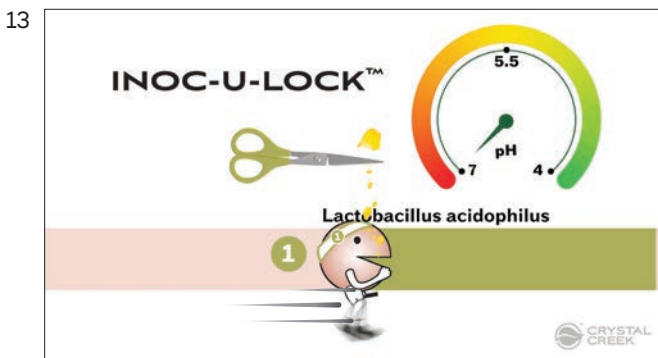
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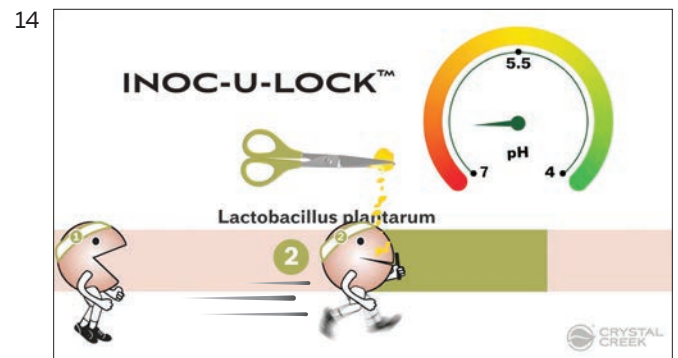
... with each strain of bacteria driving the pH of the forage down.



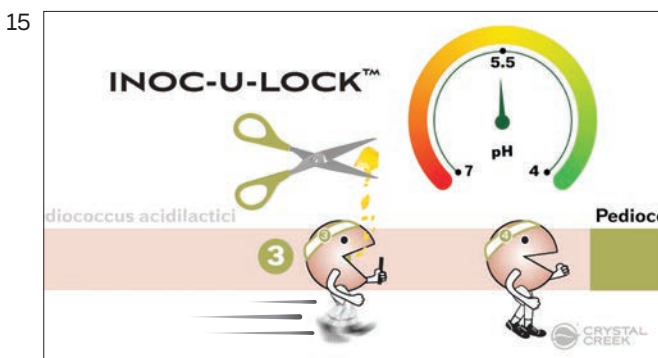
The enzymes in Inoc-U-Lock™ support a fast fermentation process by breaking up the plant's complex starches into simple, soluble sugars.



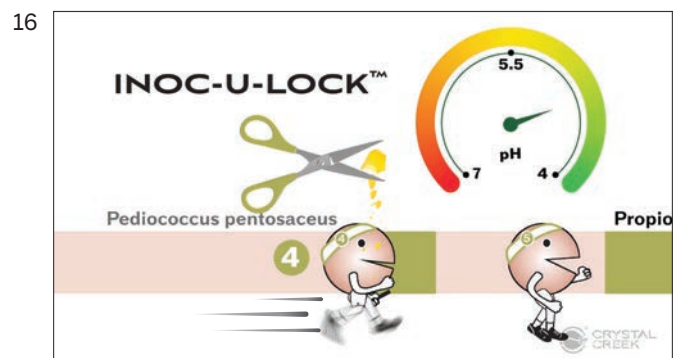
These soluble sugars feed the Inoc-U-Lock™ bacteria ...



... allowing them to produce ...

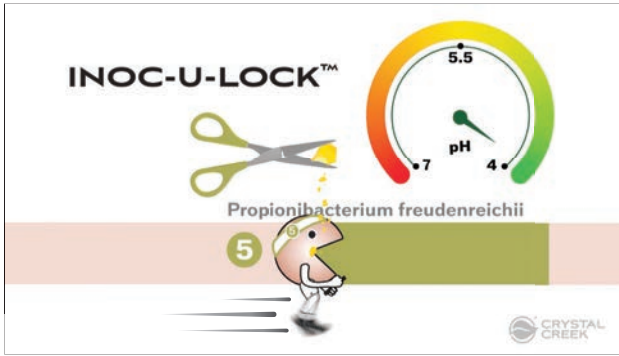


... the fermentation acids more rapidly.



This process ensures the pH of the forage ...

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... is driven down quickly and effectively.

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Additional bacteria stabilize the feed when oxygen is reintroduced during facing and feed-out.

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Rapidly fermented forages have been proven to retain more dry matter and protein ...

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...while having increased palatability and digestibility ...leading to increased profitability for your operation.

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The Inoc-U-Lock™ family of forage inoculants can be used in conjunction with different applicator styles and comes in both dry and water-soluble formulas. Don't leave your forage quality to chance. Crystal Creek® has an effective, economical solution for preserving and stabilizing your forage inventory.

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For more information, contact Crystal Creek® or your local Crystal Creek® dealer. We'd be happy to discuss how our forage preservation products can work on your operation. Call 888.376.6777 or visit us online at [crystalcreeknatural.com](http://crystalcreeknatural.com).