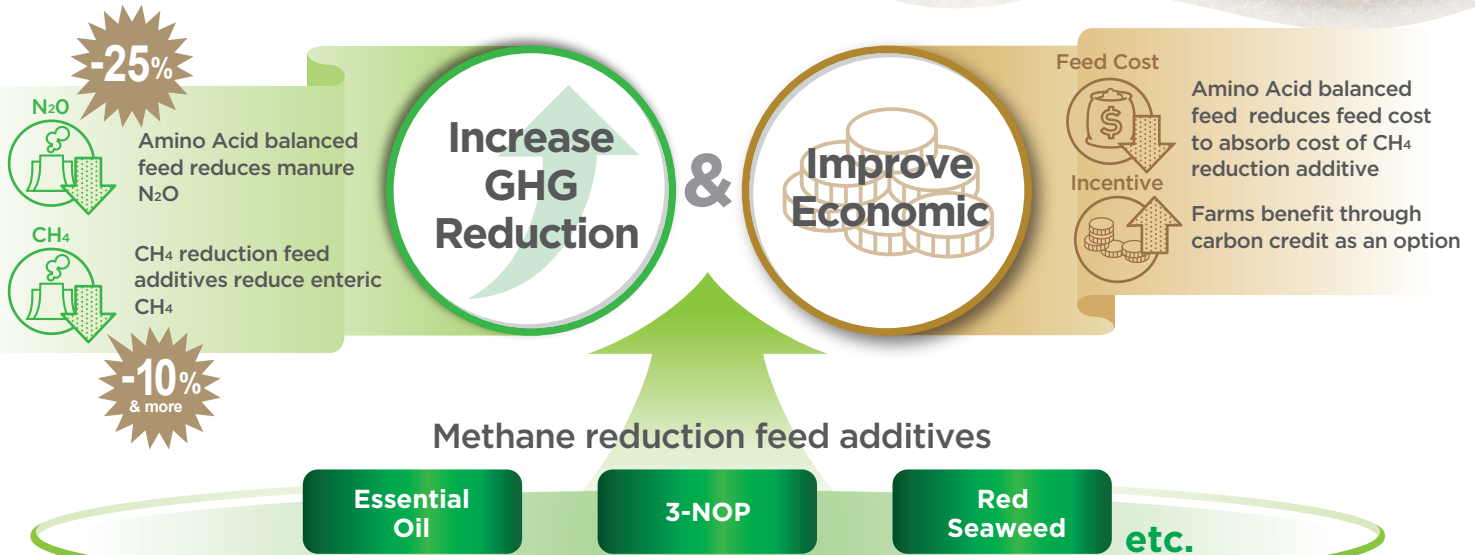




A service for reducing GHG (CH₄, N₂O) emission that combines Amino Acid Balanced Feed for DAIRY COWS to achieve sustainability goals



Amino Acid Balanced Feed with AjiPro™-L combines and synergies with any methane reduction feed additives

Challenges

- GHG Impactful & Sustainable Reduction**
 - Comprehensive GHG mitigation across all areas of farm footprint
 - GHG reduction needs to be sustainable and environmentally friendly
- Cost**
 - Existing dairy GHG reduction solutions are costly, offering no benefit to farm revenue
- Reliability**
 - Few reliable GHG reduction solutions, especially for feed additives

Why AjiPro-Green

- Comprehensive & Sustainable**
 - Reduces enteric CH₄, manure N₂O, feed LCA
 - Reduces use of natural proteins, resulting in decreased supply chain risks
- Cost Effective**
 - Reduces feed cost to absorb cost of CH₄ reduction additive
 - Farms benefit through generated carbon credit as an option
- High Reliability**
 - AjiPro™-L: World's No.1 rumen-protected Lysine
 - CH₄ reduction feed additive: Bringing in the only reliable CH₄ reducing feed additive authorized by each country's regulation



For digital version



AjiPro-Green's GHG Reduction Impact

Comprehensive & Sustainable

- Reduces enteric CH₄, manure N₂O, feed LCA
- Reduces use of natural proteins, resulting in decreased supply chain risks

Enteric



- Reduces enteric CH₄ by CH₄ reducing feed additives

Manure



- Reduce manure N₂O by Amino acid balanced feed with AjiPro™-L

Feed (Protein Source)

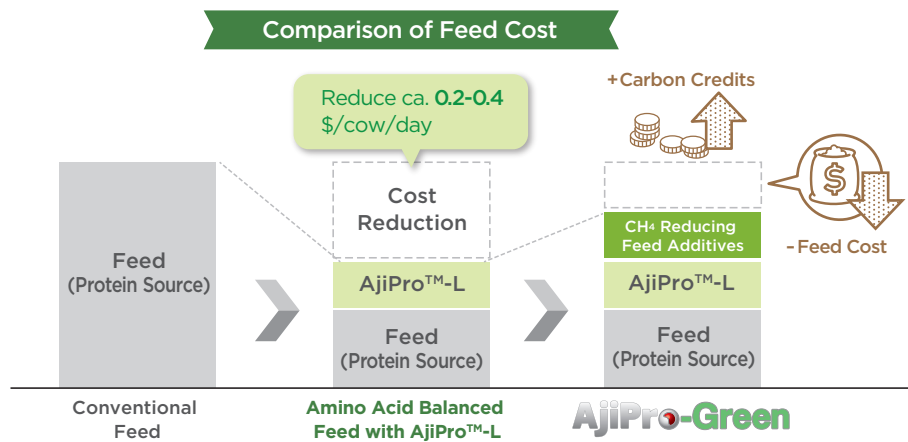


- Reduce feed LCA due to natural protein reduction
- Decrease natural protein's supply chain risks

Best Solution from Cost Point of View

Cost Effective

- Reduces feed cost and absorb cost of CH₄ reduction additive
- Farms benefit through generated carbon credit as an option



Two key Definite Materials

High Reliability

- AjiPro™-L: **World's No.1** rumen-protected Lysine
- CH₄ reduction feed additive: Bringing in the only **reliable** CH₄ reducing feed additive authorized by each country's regulation

AjiPro™-L



- **World's No.1** rumen-protected Lysine
- Efficacy of 80% rumen bypass and 80% intestinal digestion, validated by numerous trials
- Methodology approved by J-Credit scheme and under development in VCS
- Started project with Japan largest dairy manufacture



For more information, please see the following LinkedIn post.
<https://www.linkedin.com/feed/update/urn:li:activity:7059051392841240576>



CH₄ reducing feed additives

- Any CH₄ reducing feed additives is applicable.
- We can prepare certified methane reducing additives.
- More than 10% reduction for enteric CH₄ emission.



AjiPro™-L World's No.1 Rumen-protected Lysine

For more details, please visit our website; https://www.ajinomoto.com/innovation/action/ajipro_l
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