



# Select DTX™



Select DTX™ is a trademark of Select Sires Inc. Product listed is manufactured by Agrarian Solutions LLC, Nappanee, IN. Product listed is merely distributed by Select Sires Inc. and manufactured or processed by the company indicated. All claims, representations, and warranties, expressed or implied, are made only by the manufacturer and not by Select Sires Inc.

Updated: January 2025

## A NEW APPROACH TO MANAGING FEED CHALLENGES

Defending and protecting cattle against feed hygiene challenges involves two categories of feed additives: binders or probiotic products. Independent, peer-reviewed research indicates that clay and yeast cell wall products are ineffective at “binding” mycotoxins and might actually be more efficacious for binding nutrients, and thereby reducing nutrient bioavailability<sup>1,2</sup>.

The DTX™ product direct-fed microbial product featuring L-form or cell wall-deficient bacteria (CWDB). Independent, peer-reviewed research indicates the DTX product improved milk production and reproductive success when lactating dairy cows were challenged by DON and zearalenone<sup>3,4</sup>. The DTX also features a proprietary blend of natural plant actives sourced from turmeric, naringin and rosemary to defend intestinal integrity and protect liver health for the next level in mycotoxin protection.

**RESEARCH** Dairy Health & Management Services, LLC

**USE DIRECTIONS** Mix DTX into mixed feeds at the rate of:  
Beef and dairy heifers: 7 g/head/d (0.25 oz)  
Dry and lactating cows: Recommended 14 g/head/d (0.5 oz)  
Maintenance: 8 g/head/d (0.3 oz)

**PACKAGING** 50 lb. box. (#9097)

**STABILITY** Stable for 2 years. Store in a cool, dry place

**INGREDIENTS** Montmorillonite clay, calcium carbonate, silicon dioxide, rosemary, naringin, turmeric, dried Lactobacillus acidophilus fermentation product, malic acid, tartaric acid, citric acid, benzoic acid, niacin, propionic acid, dried Bacillus subtilis fermentation product.

**GUARANTEED ANALYSIS**  
(per 1/2 ounce dose)  
Calcium (Min) .....10.0%  
Calcium (Max) .....12.0%  
Malic acid (Min) .....0.45%  
Total microbial activity  
(Bacillus subtilis and Lactobacillus acidophilus) (Min)....60 x 10<sup>6</sup> cfu/g

<sup>1</sup>Kihal et al. (2022). J. Anim. Sci. 100:1-14.

<sup>2</sup>Kihal et al. (2020). J. Dairy Sci. 103:3125-3132.

<sup>3</sup>Roth et al. (2024). J. Dairy Sci. 107(Suppl 1):426 (Abstr.).

<sup>4</sup>Roth et al. (2024). J. Dairy Sci. 107(Suppl 1):426 (Abstr.).





# Select DTX™ Concentrate



Select DTX™ is a trademark of Select Sires Inc. Product listed is manufactured by Agrarian Solutions LLC, Nappanee, IN. Product listed is merely distributed by Select Sires Inc. and manufactured or processed by the company indicated. All claims, representations, and warranties, expressed or implied, are made only by the manufacturer and not by Select Sires Inc.

Updated: January 2025

## A NEW APPROACH TO MANAGING FEED CHALLENGES

Defending and protecting cattle against feed hygiene challenges involves two categories of feed additives: binders or probiotic products. Independent, peer-reviewed research indicates that clay and yeast cell wall products are ineffective at “binding” mycotoxins and might actually be more efficacious for binding nutrients, and thereby reducing nutrient bioavailability<sup>1, 2</sup>.

The DTX™ Concentrate product direct-fed microbial product featuring L-form or cell wall-deficient bacteria (CWDB). Independent, peer-reviewed research indicates the DTX Concentrate product improved milk production and reproductive success when lactating dairy cows were challenged by DON and zearalenone<sup>3, 4</sup>. The DTX Concentrate also features a proprietary blend of natural plant actives sourced from turmeric, naringin and rosemary to defend intestinal integrity and protect liver health for the next level in mycotoxin protection.

### USE DIRECTIONS

Mix DTX Concentrate into mixed feeds at the rate of:

Beef and dairy heifers: 4.5 g/head/d (0.16 oz)

Dry and lactating cows: Recommended 9 g/head/d (0.32 oz)

Maintenance: 6 g/head/d (0.21 oz)

### PACKAGING

50 lb. bag. (#1025)

### STABILITY

Stable for 2 years. Store in a cool, dry place

### INGREDIENTS

Montmorillonite clay, calcium carbonate, silicon dioxide, rosemary, naringin, turmeric, dried Bacillus subtilis fermentation product, dried Lactobacillus acidophilus fermentation product, malic acid, tartaric acid, citric acid, benzoic acid, niacin.

### GUARANTEED ANALYSIS

Calcium (Min) .....10.8%

Calcium (Max) .....11.8%

Malic acid (Min) .....0.6%

Total microbial activity

(Bacillus subtilis and Lactobacillus acidophilus) (Min)....60 x 10<sup>6</sup> cfu/g

<sup>1</sup>Kihal et al. (2022). J. Anim. Sci. 100:1-14.

<sup>2</sup>Kihal et al. (2020). J. Dairy Sci. 103:3125-3132.

<sup>3</sup>Roth et al. (2024). J. Dairy Sci. 107(Suppl 1):426 (Abstr.).

<sup>4</sup>Roth et al. (2024). J. Dairy Sci. 107(Suppl 1):426 (Abstr.).