



# Matrix Values

30000 EPU - BROILERS



## Hostazym® X

The preferred NSP enzyme

WHEAT-BASED BROILER DIETS	BROILERS (50 g/T feed)	
	per kg of Hostazym® X 30000 EPU	at 1500 EPU/kg of complete feed
Energy: AME (kcal/kg)	2400000	120
Energy: AME (MJ/kg)	10042	0.50
Crude Protein (g/kg)	104000	5.20
dig. Lysine (g/kg)	5000	0.25
dig. Methionine (g/kg)	1600	0.08
dig. Cysteine (g/kg)	2800	0.14
dig. Meth + Cys (g/kg)	4400	0.22
dig. Tryptophan (g/kg)	1200	0.06
dig. Threonine (g/kg)	5200	0.26
dig. Arginine (g/kg)	6000	0.30
dig. Isoleucine (g/kg)	4000	0.20
dig. Valine (g/kg)	5000	0.25

Hostazym® X xylanase complex of enzymes can be combined in the feed with OptiPhos® (Hostazym® P) phytase.  
The releasing value for metabolisable energy (AME) of each enzyme type, should than be applied as 80% of the original.



# Matrix Values

30000 EPU - BROILERS



## Hostazym® X

The preferred NSP enzyme

per raw material: WHEAT	RELATIVE UPLIFT OF WHEAT	UPLIFT EXAMPLE FOR 1500 EPU/KG FEED		
	Hostazym® X 30000 EPU contribution at 50 g/T feed	Wheat Standard (CVB 2011)	Wheat + Hostazym® X (1500 EPU/kg feed)	Absolute uplift of wheat
Energy: AME (kcal/kg wheat)	+8%	2856	3096	240
Energy: AME (MJ/kg wheat)	+8%	11.95	12.95	1.00
Crude Protein (g/kg)	+9%	111.00	121.40	10.40
dig. Lysine (g/kg)	+19%	2.60	3.10	0.50
dig. Methionine (g/kg)	+11%	1.50	1.66	0.16
dig. Cysteine (g/kg)	+13%	2.10	2.38	0.28
dig. Meth + Cys (g/kg)	+12%	3.60	4.04	0.44
dig. Tryptophan (g/kg)	+11%	1.10	1.22	0.12
dig. Threonine (g/kg)	+21%	2.50	3.02	0.52
dig. Arginine (g/kg)	+13%	4.50	5.10	0.60
dig. Isoleucine (g/kg)	+13%	3.10	3.50	0.40
dig. Valine (g/kg)	+13%	3.80	4.30	0.50



# Matrix Values

30000 EPU - TURKEYS/LAYERS



## Hostazym® X

The preferred NSP enzyme

WHEAT-BASED TURKEY/LAYER DIETS	TURKEYS AND LAYERS (35 g/T feed)		TURKEYS AND LAYERS (50 g/T feed)	
	per kg Hostazym® X 30000 EPU (dosage 1050 EPU/kg)	at 1050 EPU/kg of complete feed	per kg Hostazym® X 30000 EPU (dosage 1500 EPU/kg)	at 1500 EPU/kg of complete feed
Energy: AME (kcal/kg)	3428571	120	3000000	150
Energy: AME (MJ/kg)	14345	0.50	12552	0.63
Crude Protein (g/kg)	148571	5.20	130000	6.50
dig. Lysine (g/kg)	7143	0.25	6250	0.31
dig. Methionine (g/kg)	2286	0.08	2000	0.10
dig. Cysteine (g/kg)	4000	0.14	3500	0.18
dig. Meth + Cys (g/kg)	6286	0.22	5500	0.28
dig. Tryptophan (g/kg)	1714	0.06	1500	0.08
dig. Threonine (g/kg)	7429	0.26	6500	0.33
dig. Arginine (g/kg)	8571	0.30	7500	0.38
dig. Isoleucine (g/kg)	5714	0.20	5000	0.25
dig. Valine (g/kg)	7143	0.25	6250	0.31

Hostazym® X xylanase complex of enzymes can be combined in the feed with OptiPhos® (Hostazym® P) phytase.  
The releasing value for metabolisable energy (AME) of each enzyme type, should than be applied as 80% of the original.  
For the minimum dosage per species the local Hostazym® X registration should be followed.



# Matrix Values

30000 EPU - TURKEYS/LAYERS



## Hostazym® X

The preferred NSP enzyme

per raw material: WHEAT	RELATIVE UPLIFT OF WHEAT	UPLIFT EXAMPLE FOR 1050 EPU/KG FEED		
	Hostazym® X 30000 EPU contribution at 35g/T feed	Wheat Standard (CVB 2011)	Wheat + Hostazym® X (1050 EPU/kg feed)	Absolute uplift of wheat
Energy: AME (kcal/kg wheat)	+8%	3086	3326	240
Energy: AME (MJ/kg wheat)	+8%	12.91	13.92	1.00
Crude Protein (g/kg)	+9%	111.00	121.40	10.40
dig. Lysine (g/kg)	+19%	2.60	3.10	0.50
dig. Methionine (g/kg)	+11%	1.50	1.66	0.16
dig. Cysteine (g/kg)	+13%	2.10	2.38	0.28
dig. Meth + Cys (g/kg)	+12%	3.60	4.04	0.44
dig. Tryptophan (g/kg)	+11%	1.10	1.22	0.12
dig. Threonine (g/kg)	+21%	2.50	3.02	0.52
dig. Arginine (g/kg)	+13%	4.50	5.10	0.60
dig. Isoleucine (g/kg)	+13%	3.10	3.50	0.40
dig. Valine (g/kg)	+13%	3.80	4.30	0.50

per raw material: WHEAT	RELATIVE UPLIFT OF WHEAT	UPLIFT EXAMPLE FOR 1500 EPU/KG FEED		
	Hostazym® X 30000 EPU contribution at 50 g/T feed	Wheat Standard (CVB 2011)	Wheat + Hostazym® X (1500 EPU/kg feed)	Absolute uplift of wheat
Energy: AME (kcal/kg wheat)	+10%	3086	3386	300
Energy: AME (MJ/kg wheat)	+10%	12.91	14.17	1.26
Crude Protein (g/kg)	+12%	111.00	124.00	13.00
dig. Lysine (g/kg)	+24%	2.60	3.23	0.63
dig. Methionine (g/kg)	+13%	1.50	1.70	0.20
dig. Cysteine (g/kg)	+17%	2.10	2.45	0.35
dig. Meth + Cys (g/kg)	+15%	3.60	4.15	0.55
dig. Tryptophan (g/kg)	+14%	1.10	1.25	0.15
dig. Threonine (g/kg)	+26%	2.50	3.15	0.65
dig. Arginine (g/kg)	+17%	4.50	5.25	0.75
dig. Isoleucine (g/kg)	+16%	3.10	3.60	0.50
dig. Valine (g/kg)	+16%	3.80	4.43	0.63