



Matrix Values

30000 EPU - BROILERS



Hostazym® X

The preferred NSP enzyme

MAIZE-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)	1700000	85
Energy: AME (MJ/kg)	7113	0.36
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: MAIZE	RELATIVE UPLIFT OF MAIZE	UPLIFT EXAMPLE FOR 1500 EPU/KG FEED		
	Hostazym® X 30000 EPU contribution at 50 g/T feed	Maize Standard (CVB 2011)	Maize + Hostazym® X (1500 EPU/kg feed)	Absolute uplift of maize
Energy: AME (kcal/kg maize)	+5%	3205	3375	170
Energy: AME (MJ/kg maize)	+5%	13.41	14.12	0.71
Crude Protein (g/kg)	+13%	82.00	92.40	10.40
dig. Lysine (g/kg)	+33%	1.50	2.00	0.50
dig. Methionine (g/kg)	+11%	1.50	1.66	0.16
dig. Cysteine (g/kg)	+20%	1.40	1.68	0.28
dig. Meth + Cys (g/kg)	+15%	2.90	3.34	0.44
dig. Tryptophan (g/kg)	+24%	0.50	0.62	0.12
dig. Threonine (g/kg)	+24%	2.20	2.72	0.52
dig. Arginine (g/kg)	+18%	3.40	4.00	0.60
dig. Isoleucine (g/kg)	+17%	2.30	2.70	0.40
dig. Valine (g/kg)	+16%	3.20	3.70	0.50



Matrix Values

30000 EPU - TURKEYS/LAYERS



Hostazym® X

The preferred NSP enzyme

MAIZE-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)	2428571	85	2100000	105
Energy: AME (MJ/kg)	10161	0.36	8787	0.44
Crude Protein (g/kg)	148571	5.20	128471	6.42
dig. Lysine (g/kg)	7143	0.25	6176	0.31
dig. Methionine (g/kg)	2286	0.08	1976	0.10
dig. Cysteine (g/kg)	4000	0.14	3459	0.17
dig. Meth + Cys (g/kg)	6286	0.22	5435	0.27
dig. Tryptophan (g/kg)	1714	0.06	1482	0.07
dig. Threonine (g/kg)	7429	0.26	6424	0.32
dig. Arginine (g/kg)	8571	0.30	7412	0.37
dig. Isoleucine (g/kg)	5714	0.20	4941	0.25
dig. Valine (g/kg)	7143	0.25	6176	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: MAIZE	RELATIVE UPLIFT OF MAIZE	UPLIFT EXAMPLE FOR 1050 EPU/KG FEED		
	Hostazym® X 30000 EPU contribution at 35 g/T feed	Maize Standard (CVB 2011)	Maize + Hostazym® X (1050 EPU/kg feed)	Absolute uplift of maize
Energy: AME (kcal/kg maize)	+5%	3294	3464	170
Energy: AME (MJ/kg maize)	+5%	13.78	14.49	0.71
Crude Protein (g/kg)	+13%	82.00	92.40	10.40
dig. Lysine (g/kg)	+33%	1.50	2.00	0.50
dig. Methionine (g/kg)	+11%	1.50	1.66	0.16
dig. Cysteine (g/kg)	+20%	1.40	1.68	0.28
dig. Meth + Cys (g/kg)	+15%	2.90	3.34	0.44
dig. Tryptophan (g/kg)	+24%	0.50	0.62	0.12
dig. Threonine (g/kg)	+24%	2.20	2.72	0.52
dig. Arginine (g/kg)	+18%	3.40	4.00	0.60
dig. Isoleucine (g/kg)	+17%	2.30	2.70	0.40
dig. Valine (g/kg)	+16%	3.20	3.70	0.50

per raw material: MAIZE	RELATIVE UPLIFT OF MAIZE	UPLIFT EXAMPLE FOR 1500 EPU/KG FEED		
	Hostazym® X 30000 EPU contribution at 50 g/T feed	Maize Standard (CVB 2011)	Maize + Hostazym® X (1500 EPU/kg feed)	Absolute uplift of maize
Energy: AME (kcal/kg maize)	+6%	3294	3504	210
Energy: AME (MJ/kg maize)	+6%	13.78	14.66	0.88
Crude Protein (g/kg)	+16%	82.00	94.85	12.85
dig. Lysine (g/kg)	+41%	1.50	2.12	0.62
dig. Methionine (g/kg)	+13%	1.50	1.70	0.20
dig. Cysteine (g/kg)	+25%	1.40	1.75	0.35
dig. Meth + Cys (g/kg)	+19%	2.90	3.44	0.54
dig. Tryptophan (g/kg)	+30%	0.50	0.65	0.15
dig. Threonine (g/kg)	+29%	2.20	2.84	0.64
dig. Arginine (g/kg)	+22%	3.40	4.14	0.74
dig. Isoleucine (g/kg)	+21%	2.30	2.79	0.49
dig. Valine (g/kg)	+19%	3.20	3.82	0.62