

Product Profile

Name:	Advance Maize - Maize Silage Inoculant		
Description:	A Silage Additive, being a PREMIXTURE of Technological Feed Additives		
Function:	Advance Maize contains lactic acid bacteria for fermentation control, a specific stabilising lactic bacterium for enhanced aerobic stability, specific enzymes for improved fibre digestibility in maize silage crops together with microbial nutrients and microbial stimulants to ensure rapid activation and effectiveness following rehydration in water. Advance Maize has been designed to achieve maximum effect in maize crops used for silage.		
Application:	Each 150 jar is sufficient to treat 50 tonnes of fresh maize crop, thereby supplying a minimum of 200,000 lactic acid bacteria per gram of maize crop. Add contents of each bottle to 50 litres of fresh clean water and mix thoroughly. Apply mixture to maize crop at the rate of 1 litre per tonne of crop through properly calibrated spray equipment. Can be applied through all low volume application systems.		
Ingredients:	Pediococcus pentosaceus, Lactobacillus plantarum and Lactobacillus brevis; Cellulase, Xylanase, Mannanase; B-glucanase; dextrose, manganese sulphate and silicon dioxide.		
Storage:	Store in original sealed packaging in a cool and dry place at below 10°C.		
Shelf Life:	Use within 15 months of date of purchase.		
Packaging:	Available in units of:	150g jar to treat 50 tonnes of forage.	
Typical Analysis:			
Microbial:	Pediococcus pentosaceus	(NCIMB 30237)	2.67 x 10 ¹⁰ cfu/g
	Lactobacillus brevis	(DSM 12835)	3.33 x 10 ¹⁰ cfu/g
	Lactobacillus plantarum	(NCIMB 30238)	6.63 x 10 ⁹ cfu/g
Enzymes:	Xylanase	(EC 3.2.1.8)	11667 IU/g
	Mannanase	(EC 3.2.1.78)	13333 IU/g
	Cellulase	(EC 3.2.1.4)	1233 IU/g
	β-glucanase	(EC 3.2.1.6)	4032 IU/g
Carriers:	dextrose, manganese sulphate and silicon dioxide.		
Physical Characteristics:			
Colour:	Cream		
Odour:	Sweet		
Texture:	Granular Powder		
Bulk Densities:	0.60 – 0.70 g/cc		
Manufactured By:	Micron Bio-Systems Ltd, BFF Business Park, Bath Road, Bridgwater TA6 4NZ Approved Facility (EC) 183/2005 α GB 280/0022 FEMAS Certificate No. 44567 Approved for use in Organic Systems – OF&G Regn. No. UKE0508		
Contact Information:	Tel 01278 427272 info@micronbio-systems.co.uk		