

Y10 – KO6b - GCSE FOOD PREPARATION AND NUTRITION: FOOD PRODUCTION

A

GENETICALLY MODIFIED FOOD

	TERM	EXPLANATION
1	FOOD ADDITIVES	Genetic modification (GM) of food plants and animals was developed to enable farmers to breed new types of animals or plants.
2	REASONS	<ul style="list-style-type: none"> • To give better resistance to pests and diseases. • To give faster and stronger growth rates. • A different nutrient profile. • A more intense flavour and colour.
3	ADVANTAGES	<ul style="list-style-type: none"> • Crops can be made to grow quicker. • Crops can be altered to have a longer shelf life – so there is less waste. • Crops can be made to ripen earlier than normal – so fresh foods can be available earlier in the year. • Crops can be modified to contain extra nutrients which can improve nutrition in poor countries.
4	DISADVANTAGES	<ul style="list-style-type: none"> • Long term health effects are not known. • GM producers can't sell their food everywhere – the European Union restricts the import of GM foods.