Appendix 5

Summary table of crop management measures for coexistence

GM Crop	Production Type[1]	Separation distance (To crops of same species)		Rotation Interval [2]	Additional measures
		Conventional	Organic		
Maize[3]	Food/feed	50m	75m	Not necessary	Cleaning of all farm machinery between operations on GM and non-GM crops
Potato	Food/feed	20m	30m	4 years	Vigilant control of groundkeepers Cleaning of all farm machinery between operations on GM and non-GM crops Minimise post-harvest tuber spillage
	Seed	20m	40m	4-6 years[4]	
Beet[3]	Food/feed	6m[5]	9m	3 years	All bolters to be removed prior to flowering Vigilant control of groundkeepers Cleaning of all farm machinery between operations on GM and non-GM crops Minimise post-harvest spillage Control feral beet populations and wild beet
Wheat and Barley	Food/feed	6m	9m	2 years	Vigilant control of emerging volunteers Cleaning of all farm machinery between operations on GM and non-GM crops Minimise post-harvest seed spillage
	Seed	6m	12m	3 years	

Appendix 5 Summary table of crop management measures for coexistence (cont'd).

Crop	Production Type[1]	Separation distance (To crops of same species)		Rotation Interval [2]	Additional measures
		Conventional	Organic		
Oats	Food/feed	6m	9m	2 years	Vigilant control of emerging volunteers Cleaning of all farm machinery between operations on GM and non-GM crops Minimise post-harvest seed spillage Control populations of wild oats[6]
	Seed	6m	12m	3 years	
Triticale	Food/feed	20m	30m	2 years	Vigilant control of emerging volunteers Cleaning of all farm machinery between operations on GM and non-GM crops Minimise post-harvest seed spillage
	Seed	50	100m	3 years	
Oilseed rape	Food/feed	Not determined	Not determined	4 years	Vigilant control of volunteers Cleaning of all farm machinery between operations on GM and non-GM crops Control feral and wild populations. Minimise post harvest seed spillage.
	Seed	Not determined	Not determined	8 years	

[1] The permitted threshold of GM content in a non-GM crop cultivated for food/feed production as recommended by the European Commission [O/J L 189/36 C(2003) 2624] is 0.9%. The proposed threshold for the adventitious presence of approved GM material in a non-GM crop cultivated for seed multiplication (2001, Doc SANCO/1542/00) is 0.3%/0.5% depending on species.

[2] Crop growers should exercise Good Farming Practice with respect to rotation intervals.

[3] Seed multiplication of this crop is not presently carried out in Ireland.

[4] Dependent on purity levels.

[5] The feasibility of this distance is dependent on the comprehensive control of bolters, which must be maintained during cultivation.

[6] Though no research has been completed in Ireland with regard to calculating the rate of hybridisation between wild and cultivated oats, the potential for outcrossing does exist