

TABLE 2. Suggested Criteria for Assigning Biosafety Levels

CRITERIA	TRANSGENIC PLANTS	TRANSGENIC MICROBES		TRANSGENIC ARTHROPODS AND THEIR MICROBES
		Exotic	Non-Exotic	
Not a noxious weed or cannot outcross with one	BL1-P			
Not easily disseminated			BL1-P	
No detriment to environment		BL2-P or BL1-P +	BL1-P	BL2-P or BL1-P +
Noxious weed or can interbreed with weeds	BL2-P or BL1-P +			
Contains complete genome of non-EIA	BL2-P or BL1-P +			
Contains genome of EIA	BL3-P or BL2-P +			
Treated with an EIA	BL3-P or BL2-P +			
Detriment to environment			BL2-P or BL1-P+	BL3-P or BL2-P +
EIA with detriment to environment	BL3-P or BL2-P +			
May reconstitute genome of infectious agent <i>in planta</i>	BL3-P or BL2-P +			
Contains vertebrate toxin	BL3-P	BL3-P	BL3-P	
PMP & PMI	BL3-P			
Select Agent plant pathogens	BL3-P	BL3-P	BL3-P	BL3-P+ or BL4-P

*EIA – Exotic Infectious Agent