

Ready Reference Introduced Traits

RR08

Trait	Description and subcategories			
	Changed ability of an organism to survive under a range of non-living components of an ecosystem.			
	0	o Cold or heat tolerance		
Abiotic environmental tolerance	0	Drought or water tolerance		
	0	Tolerance to micronutrient/nitrogen/phosphorus/ potassium deficiency		
	0	Other abiotic environmental tolerance (e.g. aluminium, salinity)		
	Changed ability of an organism to grow or reproduce, or changed nutritional composition.			
	0	Altered photoperiod sensitivity		
	0	Altered ripening or flow ering		
		§ Reduced ethylene synthesis (includes increased shelf life or vase life)		
		§ Reduced pectin degradation (includes expression of antisense polygalacturonase)		
	0	Coloration		
Altered growth,	0	Grow th rate or yield		
development and	0	Nutritional composition (inc. allergenicity)		
product quality		§ Altered fatty acids and oils (such as laurate, myristate, oleic acid, linoleic acid)		
		 Decreased oleic acid oil content 		
		Increased oleic acid oil content		
		Phytate degradation		
	0	§ Reduced nicotine content Reproductive alteration / Genetic containment		
	O	§ Fertility restoration (includes male fertility		
		restorer)		
		Male fertility restorer		
		Male sterility (includes barnase enzyme		
	0	expression) Other grow th, development and product quality		
		- man g. s. m., were reprised and product quality		



Trait	Description and subcategories			
	Resistance to a chemical agent, such as a herbicide. For example, some weed control systems involve the use of a crop that is resistant to a particular herbicide and the use of the corresponding non-selective herbicide that will affect all sensitive plants.			
Chemical tolerance	o Herbicide tolerance			
	§ Bromoxynil tolerance			
	§ Chlorsulfuron tolerance			
	§ Glufosinate tolerance			
	§ Glyphosate tolerance			
	§ Imidazolinone tolerance			
	§ Sethoxydim tolerance			
	§ Sulfonylurea tolerance			
	 Other chemical tolerance 			
	Organisms modified for use as medical products, such as animal vaccines or for production of pharmaceuticals.			
Medical products	o Animal vaccines			
	Development of transplant organs Production of phormocouting la			
	Production of pharmaceuticals Other medical products			
	Other medical products			
	Modifications that do not fall into any other category, including selectable marker genes, bioremediation and industrial uses.			
	 Production of chemicals or compounds for industrial application 			
	Biofuel production			
Miscellaneous	 Uptake or degradation of environmental pollutants 			
	 Selectable marker genes and reporter genes 			
	o Antibiotic resistance			
	Aminoglycoside resistance			
	Ampicillin resistance			
	Hygromycin resistance			
	Kanamycin resistance, and others			
	0			



Trait	Description and subcategories			
	Resistance to an organism such as an insect, fungus, virus or other form of life that causes harm.			
Disease and Pest resistance	о В	Bacterial resistance		
	o F	Fungi resistance		
	o In	Insect resistance		
		§ Coleoptera resistance		
		§ Colorado potato beetle resistance		
		§ Lepidoptera resistance		
		§ European corn borer resistance		
	o N	ematode resistance		
	o V	irus resistance		
		§ Cucumber mosaic virus resistance		
		§ Papaya ringspot virus resistance		
		Potato leaf roll virus resistance		
		§ Potato virus Y resistance		
		§ Watermelon mosaic virus-2 resistance		
		§ Zucchini yellow mosaic virus resistance		
	o O	ther diseases and pest resistance		