

Ready Reference Introduced Traits

RR8

Trait	Description and subcategories
Abiotic environmental tolerance	Changed ability of an organism to survive under a range of non-living components of an ecosystem.
	 Altered photoperiod sensitivity
	 Cold or heat tolerance
	 Drought or water tolerance
	 Other abiotic environmental tolerance
	Changed ability of an organism grow or reproduce, or changed nutritional composition.
	 Altered ripening or flowering
	 Reduced ethylene synthesis (includes increased shelf life or vase life)
	 Reduced pectin degradation (includes expression of antisense polygalacturonase)
	 Coloration
Ale I d	 Growth rate or yield
Altered growth,	 Nutritional composition (inc. allergenicity)
development and 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 Reduced nicotine content
	 Reproductive alteration / Genetic containment Fertility restoration (includes male fertility restorer) Male fertility restorer
	 Male sterility (includes barnase enzyme expression)
	 Other growth, development and product quality



Trait	Description and subcategories
Chemical tolerance	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.
	 Herbicide tolerance Bromoxynil tolerance Glufosinate tolerance Glyphosate tolerance Imidazolinone tolerance Sethoxydim tolerance Sulfonylurea tolerance Other chemical tolerance
Medical products	Organisms modified for use as medical products, such as animal vaccines or for production of pharmaceuticals. O Animal vaccines
	 Development of transplant organs Production of pharmaceuticals Other medical products
Miscellaneous	Modifications that do not fall into any other category, including selectable marker genes, bioremediation and industrial uses.
	 Production of chemicals or compounds for industrial use Selectable marker genes and reporter genes
	 Antibiotic resistance Aminoglycoside resistance Ampicillin resistance Hygromycin resistance Kanamycin resistance
	Uptake or degradation of environmental pollutants



Trait	Description and subcategories
Pest resistance	Resistance to an organism such as an insect, fungus, virus or other form of life that causes harm. Bacterial resistance Fungus resistance Insect resistance Coleoptera resistance Colorado potato beetle resistance Lepidoptera resistance Lepidoptera resistance Ruropean corn borer resistance Nematode resistance Virus 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 resistanceOther pest resistance