

Table 1. Crops Deregulated by USDA

Crop	RESISTANCE	Pest	Comment
<i>Insect Resistance</i>			
Potato	Bt IR cryIIIA	Coleopteran	Monsanto
Corn	Bt IR cryIAb	European corn borer	Dekalb, Monsanto, Northrup King
	Bt IR cryIAc	Lepidopteran	Monsanto, Ciba-Geigy
Cotton	Bt IR cryIAc	Lepidopteran	Monsanto
Tomato	Bt IR cry1Ac	Lepidopteran	Monsanto, Calgene
<i>Virus Resistance</i>			
Papaya	PRSV	Papaya virus	Cornell University
Squash	CMV, WMV2, ZYMV WMV2, ZYMV	Squash viruses	Seminis Asgrow, Upjohn
<i>Virus and Insect Resistance</i>			
Potato	Bt IR (cryIIIA), VR (viral coat protein—potato virus Y; replicase—potato leaf roll virus)	Colorado potato beetle	Monsanto
<i>Insect Resistance and Herbicide Tolerant</i>			
Corn	Bt IR (cryIAb), glyphosate	European corn borer	Monsanto
Cotton	Bt IR (cryIAc, bromoxynil)	Lepidopteran	Calgene
<i>Herbicide Tolerant</i>			
Corn	Glufosinate		AgrEvo; Pioneer; Dekalb
	Glyphosate		Monsanto
Rice	Glufosinate		AgrEvo
Rapeseed	Glufosinate Glyphosate Bromoxynil		AgrEvo Monsanto Rhone-Poulenc Ag
Soybean	Glufosinate		AgrEvo
	Glyphosate		Monsanto
Beet	Glufosinate		AgrEvo
	Glyphosate		Monsanto
Cotton	Glyphosate		Monsanto
	Bromoxynil		Calgene

Table 2. Pest-resistant and Herbicide tolerant Transgenic Plants

Transgenic Gene Products	Source
<i>Conferring Pest Resistance</i>	
Cry9C	<i>Bacillus thuringiensis</i>
Cry1Ab	<i>Bacillus thuringiensis</i>
Cry1Ac	<i>Bacillus thuringiensis</i>
Cry2Ab	<i>Bacillus thuringiensis</i>
Cry3A	<i>Bacillus thuringiensis</i>
Viral coat protein	Cucumber mosaic virus
Viral coat protein	Papaya ringspot virus
Viral coat protein	Virus Y
Viral coat protein	Watermelon mosaic virus
Viral coat protein	Zucchini yellow mosaic virus
Replicase	Potato leaf virus
<i>Conferring Herbicide Tolerance</i>	
<u>Glyphosate Tolerance</u>	
Enolpyruvylshikimate-3-phosphate synthase	<i>Agrobacterium</i> sp
Glyphosate oxidoreductase	<i>Ochrobactrum anthropi</i> .
<u>Glufosinate Tolerance</u>	
Phosphinothricin acetyl transferase	<i>Streptomyces hygroscopicus</i>
	<i>Streptomyces viridochromogenes</i>
<u>Bromoxynil Tolerance</u>	
Nitrilase	<i>Klebsiella pneumoniae</i> or <i>K. ozaenae</i>