

Table 1. Corn herbicides that can cause serious carryover injury in field peas. These herbicides should not be used or should be used with caution when field peas follow corn

Site of Action	Corn herbicide		Common name	Rotation Restriction (field peas) ¹
	Product name	Active ingredient ²		
PRE & Burndown				
5	Aatrex	atrazine	atrazine	2CS
14+15+5	Anthem ATZ	atrazine	pyroxasulfone + fluthiacet + atrazine	2CS
15+5	Bicep II Magnum	atrazine	S-metolachlor + atrazine + benoxacor	2CS
15+5	Breakfree ATZ	atrazine	acetochlor + atrazine	2CS
15+6	Cinch ATZ	atrazine	S-metolachlor + atrazine + benoxacor	2CS
15+5	Degree XTRA	atrazine	acetochlor + atrazine + safener	2CS
15+5	Fulltime NXT	atrazine	encapsulated achetochlor + atrazine + safener	2CS
15+5	G-Max Lite	atrazine	dimethenamid + atrazine	2CS
15+5	Guardsman MAX	atrazine	dimethenamid-P + atrazine	2CS
15+5	Harnes Xtra	atrazine	acetochlor + MON 4660 safener + atrazine	2CS
15+5	Volley ATZ	atrazine	acetochlor + dichlormid safener + atrazine	15
27	Balance Flexx	isoxaflutole	isoxaflutole + cyprosulfamide	18/FBA ^a
2+27	Corvus	isoxaflutole	isoxaflutole + thien carbazone + cyprosulfamide	17/FBA ^b
2+27	Prequel	isoxaflutole	rimsulfuron + isoxaflutole	18 ^a
27	Callisto	mesotrione	mesotrione	10/18 ^{c,d}
27+27+15+5	Acuron	mesotrione	S-metolachlor + atrazine + mesotrione + bicylopyrone	18
27+2	Instigate	mesotrione	rimsulfuron + mesotrione + isoxadifen	10/18 ^{c,d}
27+15+5	Lexar EZ	mesotrione	S-metolachlor + atrazine + mesotrione	18
27+15+5	Lumax EZ	mesotrione	S-metolachlor + atrazine + mesotrione	18
15+27+4	Resicore	mesotrione	acetochlor + mesotrione + clopyralid	18
POST				
5	Aatrex/atrazine	atrazine	atrazine	2CS
15+5+9	Expert	atrazine	S-metolachlor + benoxacor + atrazine + glyphosate	2CS
15+27+9	Halex GT	mesotrione	S-metolachlor + mesotrione + glyphosate	10/18 ^{c,d}
2+27	Realm Q	mesotrione	rimsulfuron + mesotrione + isoxadifen	10/18
14+27	Solstice	mesotrione	fluthiacet methyl + mesotrione	18 ^{c,d}
2+27	Capreno	tembotrion	thien carbazone-methyl + tembotrion	18/FBA ^b
27	Impact	topramezone	topramezone	9/18 ^e

¹ Months unless otherwise noted. D = Days; AT = Any Time; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS Third Cropping Season, NTE = No Tolerance Established, NI = No information, FBA = Field Bioassay, DNR = Do not rotate.

² Active ingredient causing herbicide rotation restriction for field peas

^a 15 inches of cumulative precipitation from application to planting. (No more than 7 inches from overhead irrigation. Furrow or flood irrigation not to be included in total)

^b When soil pH is 7.5 or above plant back should be delayed to 24 months rotation interval. Additionally, 30 inch of cumulative precipitation must occur between application and planting of rotational crop

^c If following criteria are not met, plant peas and snap beans a minimum of 18 months following Callisto Herbicide application: (1) A minimum of 20 inches of rainfall plus irrigation has been received between application and planting of the rotational crop; (2) Soil pH is 6.0 or greater; (3) Application of Callisto Herbicide at 3 fl oz/A (0.094 lb ai/A) or less applied no later than June 30th the year preceding rotational crop planting; (4) No other HPPD herbicides were applied the year prior to planting peas and snap beans.

^d Do not plant peas or snap beans on sand, sandy loam or loamy sand soils in Minnesota or Wisconsin.

^e Pea rotation interval 9 months for application rates of 0.5 and 0.75 oz/A 18 months for application rate of 1.0 oz/A