

Community Resource--Edamame  
Information on Product Status--Soil-Applied Herbicides  
May 14, 2012

MOA	Herbicide	Trade name	grass control	broadleaf control	Company	Federal label	Grower priority	What's needed?	Notes
VLCFA	s-metolachlor	Dual Magnum	yes	yes	Syngenta	yes	yes		approved ~Nov. 2010
VLCFA	dimethenamid-P	Outlook	yes	yes	BASF				A residue tolerance would be needed. The crop group is not possible.
VLCFA	flufenacet	Define	yes	yes	Bayer			need a residue tolernace	IR-4 project on HOLD. However, recommend a request to IR-4 if interest.
VLCFA	alachlor	Intro	yes	yes	Monsanto			need a residue tolernace	
microtubule	trifluralin	Treflan HFP	yes	yes	Dow	yes - all dry and fresh beans/peas (except listed)		MFG may add specific use to label	2/21/11 Dow: Kathryn Montaque (EPA) stated Treflan HFP could be used on edamame, based on tolerances and label language.
microtubule	pendimethalin	Prowl	yes	yes	BASF		yes	need a residue tolernace	IR-4 requested in Pendimethalin submission (May 2011) to EPA. (MA 3/28/12) tolernece expected 09/2012, BASF needs crop safety data.
microtubule	ethafluralin	Sonalan, Curbit	yes	yes	Dow			need a residue tolernace	
ALS	imazethapyr	Pursuit	yes	yes	BASF		yes - Midwest	MFG needs to add use to label	BASF contacted 8/26/10 (Kunkel). MFG could add to label. BASF wants more crop safety data (Feb. 2012).
ALS	chloransulam	Firstrate	no	yes	Dow			need a residue tolernace	
ALS	flumetsulam	Python	no	yes	Dow			need a residue tolernace	
ALS	imazaquin	Scepter	no	yes	Bayer			unknown	Imamazox has a tolernace.
PPO	sulfentrazone	Spartan	no	yes	FMC		yes		3/19/12 - IR-4 received approval from ChemSAC/EPA to request sulfentrazone tolerance on edamame based on tolerance on lima beans. Registration documents received from FMC. IR-4 submitted May 2012.
PPO	flumioxazin	Gangster/Valor	no	yes	Valent			need a residue tolernace	
PPO	fomesafen	Reflex	no	yes	Syngenta			next IR-4 fomesafen submission is early 2013, for subgroup 6A	IR-4 is proposing PRE and POST application similar to snapbean label. Need EPA ChemSAC approval and expect to submit EPA in 05/2012.
PPO	saflufenacil	Sharpen	no	yes	BASF			MFG needs to submit label amendment to EPA.	This use could be added to the label as a fast track – no fee. BASF wants more crop safety data (Feb. 2012).
DOXP	clomazone	Command	yes	yes	FMC		yes	IR-4 needs pesticide clearance request, crop safety data, FMC approval, and then we can submit proposal to EPA.	Tolerance can be covered by succulent beans and succulent peas. Clomazone tolerance is at 0.05 ppm is already established for both, beans and peas. However, the use rates on current Command 3ME label are different. For succulent beans it says, apply broadcast at 0.4 to 0.67 pint per acre. For succulent peas it says, apply broadcast at 1.3 pint per acre.
PSII-A2	linuron	Linex/Lorox	yes	yes	Tessenderlo	yes	yes		approved 3/14/2012
PSII-A1	metribuzin	Sencor	no	yes	Bayer			need a residue tolernace	
	pyroxasulfone	(KIH-485)	yes	yes	Kumiai (BASF has Zidua)			unknown	

Commodity Resource--Edamame  
Information on Product Status--Postemergence Herbicides  
May 14, 2012

MOA	Herbicide	Trade name	grass control	broadleaf control	Company	Federal label	Grower priority	What's needed?	Notes
ACCASE	clethodim	Intensity-One	yes	no	Loveland	yes	yes		Federal label lists 'soybean, immature seed'.
ACCASE	clethodim	Select Max	yes	no	Valent	yes			EPA approved the use of Valent Select Max Herbicide (clethodim) 59639-132 on edamame on 7/8/2011
ACCASE	fluazifop	Fusilade	yes	no	Syngenta		yes	tolerance too restrictive	PCR submitted to IR-4 8/26/10.
ACCASE	sethoxydim	Poast	yes	no	BASF			need a residue tolerance	
ALS	imazethapyr	Pursuit	yes	yes	BASF		yes	MFG needs to add use to label	Initially contacted BASF Aug. 2010. POST rates for edamame are difficult to infer from current label. BASF wants more crop safety data (Feb. 2012).
ALS	chlorimuron	Classic	no	yes	Dupont			need residue tolerance	
ALS	chloransulam	Firstrate	no	yes	Dow			need residue tolerance	
ALS	thifensulfuron	Harmony	no	yes	Dupont			need residue tolerance	
ALS	imazamox	Raptor	yes	yes	BASF		yes	MFG needs to add use to label	Most likely ALS to be useful in PNW; pursuit is too persistent. May need to be applied with bentazon to improve crop safety and broaden spectrum. BASF wants more crop safety data (Feb. 2012).
ALS	imazaquin	Scepter	no	yes	BASF			need residue tolerance	
PSII-B	bentazon	Basagran	no	yes	Arystra, Winfield		yes	tolerance too restrictive	PCR submitted 8/26/10. Companies are not interested in supporting (Feb. 2012).
PPO	fluthiacet	Cadet	no	yes	FMC			need residue tolerance	
PPO	lactofen	Cobra	no	yes	Valent			need residue tolerance	
PPO	fomesafen	Reflex	no	yes	Syngenta			next IR-4 fomesafen submission is early 2013, for subgroup 6A	IR-4 is proposing PRE and POST application similar to snapbean label. Need EPA ChemSAC approval and expect to submit EPA in 05/2012.
PPO	flumiclorac	Resource	no	yes	Valent			need residue tolerance	
PPO	acifluorfen	Ultra Blazer	no	yes	UP			need residue tolerance	