

Commodity Resource--Edamame
Information on Product Status--Soil-Applied Herbicides
April 10, 2017

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			need a residue tolerance	A residue tolerance would be needed. The crop group is not possible.
VLCFA	flufenacet	Define	yes	yes	Bayer			need a residue tolerance	IR-4 project on HOLD. However, recommend a request to IR-4 if interest.
VLCFA	alachlor	Intrro	yes	yes	Monsanto			need a residue tolerance	
VLCFA	pyroxasulfone	Zidua	yes	yes	Kumiai (BASF has Zidua)			MFG interest	As to the future registration, it has good possibilities - but this will be a KI decision. BASF can "push for it" but KI has the final say' - John Harden, 2/4/13 'A' priority, Sept. 2013
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 Montague (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 tolerance	A residue tolerance would be needed. IR-4 will request in next submission to EPA. BASF not interested, Feb. 2012.
microtubule	ethafluralin	Sonalan, Curbit	yes	yes	Dow			need a residue, efficacy, crop safety	B' priority, Sept. 2016
ALS	imazethapyr	Pursuit	yes	yes	BASF	yes	yes - Midwest		Supplemental label added in early 2015
ALS	chloransulam	Firstate	no	yes	Dow			need a residue tolerance	
ALS	flumetsulam	Python	no	yes	Dow			need a residue tolerance	
ALS	imazaquin	Scepter	no	yes	Bayer			unknown	Imazamox has a tolerance
PPO	sulfentrazone + carfentrazone	Spartan Charge	no	yes	FMC		yes	tolerance established in 2012	24c label for AR (2013) and TN (2014)
PPO	flumioxazin	Gangster/Valor	no	yes	Valent			IR4 conducting lab analysis (4/10/17)	Hope to submit to EPA in 2017
PPO	fomesafen	Reflex	no	yes	Syngenta	yes			Supplemental label added March 2014
PPO	saflufenacil	Sharpen	no	yes	BASF			BASF not interested	BASF isn't interested; concern about selectivity (4/18/12)
DOXP	clomazone	Command	yes	yes	FMC		yes	IR-4 needs pesticide clearance request (received 12/1/14, PR# 11614), crop safety data, FMC approval, and then we can submit proposal to EPA. 9/23/15 - Package to be submitted by end of year.	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 tolerance	