

Weed control in no-till Liberty soybeans

The objective of the study was to evaluate weed control in no-till Liberty soybeans with PRE and POST herbicides. Liberty soybeans were planted May 16. PRE treatments were applied on May 22. POST treatments were applied the June 8, June 20, June 27, and July 2.

None of the treatments caused any visible crop injury. All treatments provided excellent control of kochia, lambsquarters, horseweed, and volunteer wheat.

Table. Weed control in no-till Liberty soybeans. (1812)													
		Weed Control											
		Kochia			Lambsquarters			Horseweed			Volunteer wheat		
Treatment ^c	Timing	Jun-4	Jun-27	Jul-23	Jun-4	Jun-27	Jul-23	Jun-4	Jun-27	Jul-23	Jun-4	Jun-27	Jul-23
		-----%											
Untreated		0	0	0	0	0	0	0	0	0	0	0	0
ZP + Gly ^{ab} / Lib ^b	May 22 / Jun 27	100	92	100	100	100	100	100	100	100	100	100	100
ZP + Gly ^{ab} / Lib + Out ^b	May 22 / Jun 27	100	93	100	100	100	100	100	100	100	100	100	100
ZP ^{ab} + Lib / Lib ^b	May 22 / Jun 27	100	96	100	100	100	100	100	100	100	92	93	100
ZP ^{ab} + Lib / Liberty + Out ^b	May 22 / Jun 27	100	97	100	100	100	100	100	100	100	89	90	100
Ver + Metri + Gly ^{ab} / Lib + Out ^b	May 22 / Jun 27	100	99	100	100	100	100	100	100	100	100	100	100
Ver + Metri + Gly ^{ab} / Lib + Z SC ^b	May 22 / Jun 20	100	100	100	100	100	100	100	100	100	100	100	100
Ver + Gly ^{ab} + Z SC / Lib + Out ^b	May 22 / Jun 20	100	100	100	100	100	100	100	100	100	100	100	100
Ver + Gly ^{ab} / Lib ^b / Lib + Out ^b	May 22 / Jun 8 / Jun 27	100	97	100	100	100	100	100	100	100	100	100	100
Ver + Gly ^{ab} / Lib ^b / Lib ^b	May 22 / Jun 8 / Jul 2	99	100	100	100	100	100	100	100	100	100	100	100
LSD (0.05)		0.9	3.7	0	0	0	0	0	0	0	12.0	10.7	0
^a Applied with MSO (1%)													
^b Applied with AMS (7.35 gal/100 gal)													

^c ZP=Zidua Pro (4.5 oz); Gly=Roundup PowerMax (32 oz); Out=Outlook (10 oz); Lib=Liberty (32 oz); Z SC= Zidua SC (2 oz); Ver=Verdict (5 oz); Metri=Metribuzin DF (5 oz)