



SMARTSTAX TESTING





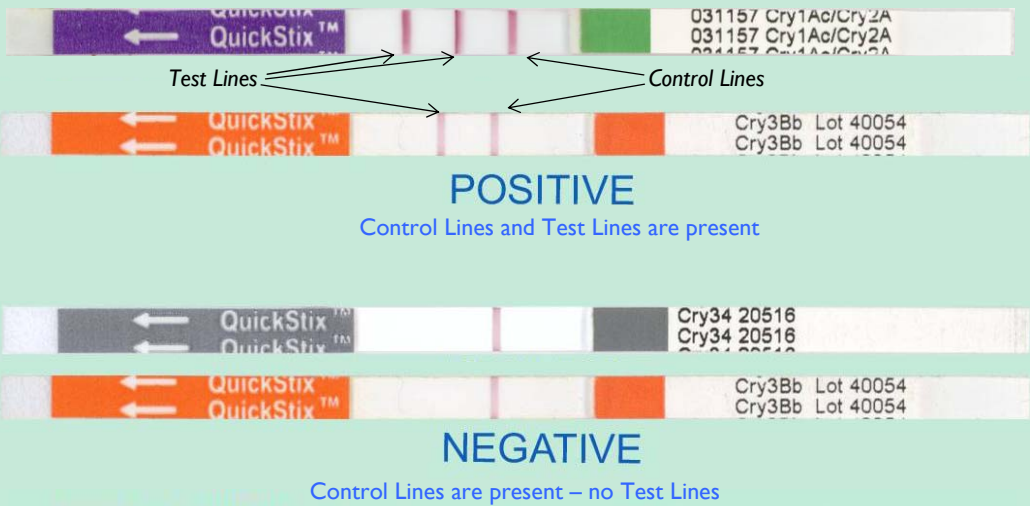
The QuickStix "SmartPack for SmartStax" enables trait developers, breeders and integrators to confirm the presence (or absence) of all eight traits in the SmartStax technology platform. Test results can be achieved in minutes by running QuickStix in a single corn leaf extraction. EnviroLogix also offers QualiPlate ELISA detection of all SmartStax events (see table below).

The SmartPack offers:

- **Speed and convenience** – Detect SmartStax technology within 5 minutes, in the field or in the lab
- **Ease of Use** – Simple protocol with Common Extraction in corn leaf enables detection of eight traits with six strips
- **Flexibility** – Strips can be ordered in a bundled package, or choose individual QuickStix tests for specific applications

SMARTSTAX TESTING			WITH THE QUICKSTIX SMARTPACK		USING ENVIROLOGIX QUALIPLATES	
<i>Trade Name</i>	<i>Registered Event</i>	<i>Protein(s)</i>	<i>QuickStix Catalog Number</i>	<i>Description</i>	<i>QualiPlate Catalog Number</i>	<i>Description</i>
	MON 89034	Cry1A.105 + Cry2Ab	AS-012-LS	Dual strip detecting both Cry1A & Cry2A	AP 051	Combo plate detecting both Cry1A & Cry2A
	MON 88017	Cry3Bb + CP4 EPSPS	AS-015-LS	Detects Cry3Bb	AP 015	Detects Cry3Bb1
			AS-010-LS	Detects Roundup Ready	AP 010	Detects Roundup Ready
	DAS 01507	Cry1F	AS-016-LS	Detects Cry1F	AP 077	Combo plate detecting both Cry1F & Cry34
	DAS 59122	Cry34/Cry35 + PAT/ <i>pat</i>	AS-054-LS	Detects both Cry34 & Cry35		
			AS-014-LS	Detects PAT/ <i>pat</i> (LibertyLink)	AP 014	Detects PAT/ <i>pat</i> (LibertyLink)

QuickGuide for QuickStix detection of SmartStax in corn leaf tissue

<p>1</p>  <p>Collect four (4) corn leaf punch samples (hint: fold leaf twice, punch through 4 layers at once with vial cap)</p>	<p>2</p>  <p>Grind tissue with pestle for 20-30 seconds</p>	<p>3</p>  <p>Add 15 drops of buffer into tube, grind tissue again</p>	<p>4</p>  <p>Add test strips one by one and wait 5 minutes</p>
<p>5</p> <p>Read the results!</p>	 <p>Test Lines</p> <p>Control Lines</p> <p>POSITIVE Control Lines and Test Lines are present</p> <p>NEGATIVE Control Lines are present – no Test Lines</p>		

Questions? Call toll-free US
1-866-408-4597
(or 1-207-797-0300)

ENVIROLOGIX™
Putting Science to the Test