



LOGIC MODEL for PROGRAM DEVELOPMENT and ASSESSMENT

Field Monitoring of the Cucurbit Yellow Stunting Disorder Virus (CYSDV) and Trapping of Virus Vectors, *Bemisia tabaci* (Genn.) in Maricopa County

SITUATION	INPUTS	OUTPUTS		OUTCOMES – IMPACT		
		Activities	Participation	Short	Medium	Long Term
<p>CYSDV (Cucurbit Yellow Stunting Disorder Virus) has affected Yuma County cucurbit crops and is now moving into Maricopa County.</p> <p>Positively identifying the virus in the county and monitoring white fly pressure to control the movement of the virus is critical in suppression of the virus.</p>	<p>Area Assistant Agent, Field Crops, Maricopa County</p> <p>Research Technician, Maricopa County</p> <p>Regional Collaborators</p> <p>University Professor, Virology</p> <p>PCA's (Pest Control Advisors in Maricopa County)</p> <p>Cucurbit growers in Maricopa County</p>	<p>Trapping of vectors (<i>Bemisia tabaci</i>) in Maricopa County</p> <p>Monitor cucurbit fields for CYSDV symptoms</p> <p>Monitor outlying areas for CYSDV alternate hosts</p>	<p>Agriculture Industry in Maricopa County (PCA's, growers, Private industry, seed suppliers)</p> <p>Homeowners in Maricopa County</p>	<p>Identification of fields infected with the CYSDV virus</p> <p>Identification of alternate CYSDV hosts</p> <p>Mapping of vector populations in cucurbit fields</p>	<p>Knowledge of the movement of the virus</p> <p>Mapping of white fly movement associated with the movement of the CYSDV virus</p> <p>IPM strategies for suppressing CYSDV in cucurbits</p>	<p>Pest Control Advisors and growers will continue to monitor fields for the virus</p> <p>Homeowners will follow guidelines for growing cucurbits and controlling white flies</p>