

Program: Kentucky Extension Master Gardener Program **Logic Model**

Situation: Demand for home horticulture information continues to increase for Kentucky county Extension offices. The Kentucky Extension Master Gardener (EMG) Program develops trained volunteers to assist county Extension staff in meeting this need for research-based information and public outreach.

Inputs	Outputs		Outcomes -- Impact		
	Activities	Participation	Short	Medium	Long
<ul style="list-style-type: none"> • Staff time – Extension Agents, Specialists • Extension Master Gardener Volunteers • Funding – Fees from training and other courses; local grants and in-kind support • Training materials—Ky EMG Training Manual; PowerPoint Presentations; purchased books and resources; Extension publications; Tests and quizzes shared by county agents • Internet access through eXtension and potential access and use of eXtension's <i>Ask an Expert</i> • Social media tools including blogs, Facebook, YouTube, Twitter, flickr, GoogleMaps • State, regional and national EMG conferences and tour opportunities 	<p>Training of EMG</p> <ul style="list-style-type: none"> • 12-15 wks. • 2-3 hrs. per week • Sessions taught by Agents, Specialists or local experts <p>EMG Curriculum: Core Curriculum</p> <ul style="list-style-type: none"> • Cooperative Extension/ Volunteerism • Basic Botany • Soils and Fertility • Plant Pathology • Entomology • Pesticides, IPM and Pesticide safety <p>Additional Topics defined by the local coordinator</p> <ul style="list-style-type: none"> • Annual & Perennial Flowers • Woody Plants • Fruits • Vegetables • Landscape Design • Interior Plants • Organic Gardening • Water Quality • Turfgrass • Others <p>Hands-on activities</p> <ul style="list-style-type: none"> • Plant Identification • Insect and Disease identification • Field trips as appropriate 	<ul style="list-style-type: none"> • County Extension agents willing to invest time in training and managing volunteers to assist in home horticulture outreach • Community volunteers interested in multi-week horticulture training program and in giving back to the community by assisting local Extension agents 	<p>Participants gain knowledge in many aspects of home horticulture. This is measured through regular quizzes.</p> <p>Participants become more aware of Extension's role in addressing the needs of local residents</p> <p>Participants master the EMG curriculum by passing (score of 75% or better) comprehensive exam given at the end of the training.</p> <p>Participants become Certified EMG volunteers when they master the curriculum and provide 30 hours in volunteer service to the local Cooperative Extension Office.</p>	<p>All Participants/ EMG volunteers maintain consistency in completing hours (a minimum of 15 hr. per year) to maintain certification.</p> <p>Participants (certified EMG volunteers) put into practice the skills learned when completing volunteer hours and working with clientele</p> <p>Participants engage as facilitators and presenters for classes, lectures, or workshops delivered</p> <p>EMG volunteers practice effective skills when interacting with clientele</p> <p>EMG volunteers have positive perceptions of their role as reliable sources for home horticulture information</p>	<p>The public has a positive perception of EMG volunteers as reliable sources for home horticulture information.</p> <p>EMG Volunteers extend the educational outreach of the Cooperative Extension Service in areas such as community gardens, youth gardening, environmentally sustaining lawn and garden practices, and other topics.</p>

Assumptions: County Extension Offices will continue to experience a demand for home horticulture information. Volunteers will continue to have an interest in home horticulture and perceive a need for sharing research-based horticultural information with others in the community.

External Factors: County Offices and Ky Cooperative Extension will have resources to support the EMG program. Volunteers in the EMG program will find it personally satisfying and be willing to pay back volunteer service time in exchange for participating in the program.

