

Year 1 - 1 acre (1/3 acre each)

	Input costs	Labor Hrs	Disease Score	Pest Score	Yield (# of pumpkins)
Fixed/Shared costs					
Low Input - Control					
Modest Input - Farm-based					
High Input - Scientific Nutrition					
Total				Gross Sales	

Year 2 - 3 acres (1 acre each)

	Input costs	Labor Hrs	Disease Score	Pest Score	Yield (# of pumpkins)
Fixed/Shared costs					
Low Input - Control					
Modest Input - Farm-based					
High Input - Scientific Nutrition					
Total				Gross Sales	

Program design

Year 1	1 acre containing 3 - 1/3 acre test plots randomized per UW agent recommendation
Year 2	3 acres containing 3 - 1 acre test plots with the same randomization and spacing as year 1

Management system is primary blocking point, with each cultivar randomly assigned to a location of planting within each management system block. The systems will be replicated three times for the second year such as is represented below.

Data collection will take place for each cultivar, within each management system.

Modest Input	High Input	Low Input
High Input	Low Input	Modest Input
High Input	Modest Input	Low Input
Low Input	High Input	Modest Input

