

				Final Eval	
			Plant Out	Score	
Genus	Cultivar	Stick Date	Date	(1 thru 5) I	
Acanthorhipsalis mini monacantha			29-May	1 3	7/9/18: Slower grower, but new growth
					10/1/18: Not filled in, lots of gaps
Aeonium arborescens	Тір Тор	22-Mar	29-May		7/9/18: Filling out, dramatic color. All about 5" tall. 10/1/18: Some gaps in container, but very large plants. Some lower leaf die-off
					7/9/18: Impressive, but dangerous.
Agave americana variegata			29-May	5	10/1/18: Huge plants, very full container
			_		7/9/18: Nice blue-gray color
Agave parryi truncata	Retro Choke		8-Jun		10/1/18: Plants crowding each other out - very full container and some offsets.
A gove to guillone			20 May		7/9/18: Nice blue-gray color. Impressive, but dangerous
Agave tequilana			29-May	5 1	10/1/18: Huge - fills pot
Aloe brevifolia			29-May	2 7	7/9/18: Haven't grown much
Alde brevildila			23-ividy	1	10/1/18: Still gaps in container, no offsets
				l l ,	7/9/18: Getting taller, no branching yet.
Aloe ciliaris		22-Mar	25-May		10/1/18: Tall, but still gaps in container. Lots of offsets at base of plants, but doesn't fill container yet.
Aloe hybrid	Pink Blush		29-May	1 3	7/9/18: Some flower spikes. Color blends into to soil.
					10/1/18: Many gaps in container, but it is flowering. 7/9/18: Haven't gotten much larger.
Aloe hybrid	T-Rex	done	25-May	1 31	10/1/18: Many gaps in container and few offsets
					7/9/18: Pink tinge on edges of leaves is cool. Still very small
Cotyledon ladismithiensis variegata	don ladismithiensis variegata n/a	n/a	25-May	7	10/1/18: Too many gaps in container, very slow growth
					7/9/18: Filling in better than expected.
Cotyledon tomentosa	Shake	24-Jan	25-May		10/1/18: This plant is very close to a '5' rating, but there are still gaps in the container. Very uniform
				ŀ	nabit.
Crassula arborescens			25 May	_ 7	7/9/18: Very full, but I know they are slow (we started with mature plants).
Crassula arborescens			25-May		10/1/18: Huge plants! Very full container.
Crassula argentea	Ogre Ears		25-May	5	7/9/18: Good size for a slow grower.
Crussula digented	Ogre Luis		23 Ividy		10/1/18: Very full and uniform. Interesting leaf shape with red tips.
Crassula capitella	Red Pagoda	16-Mar	29-May	Δ.	7/9/18: Very rangy, not very attractive, but taking on red coloration.
'	- C				10/1/18: Fills container, but the plant is leggy. It is flowering.
Crassula capitella	Shark's Tooth	16-Mar	25-May	1 51	7/9/18: Great texture, still a little sparse, needs more branching.
					10/1/18: Very full and nice flowers. 7/9/18: Color blends into soil, but good texture.
Crassula lycopoidioides			29-May	5	10/1/18: Nicely filled container and very uniform habit.
					7/9/18: Some stems rotting, but filling out the container well.
Crassula marginalis rubra variegata			25-May		10/1/18: Super uniform habit and very full container
					7/9/18: Still quite small, much less vigorous than Ogre Ears.
Crassula ovata	Hobbit		25-May	3 1	10/1/18: A lot of gaps in container
Crassula ovata Variegata	16-Mar	2F May	4 7	7/9/18: Still very small, doesn't look like they've grown at all.	
Crassula Ovata	Variegata	10-iviai	25-May		10/1/18: Love the leaf variegation
					7/9/18: Lots of sunburn, but new growth is fine. Red edge to leaves. Orangish-green coloration (not sure
Crassula ovata	Sunshine	16-Mar	25-May		f I like it).
			-		10/1/18: Large plants, but still gaps in container. Very uniform. Some old leaf damage.
Crassula ovata arborescens	Baby Jade		25-May	3	7/9/18: Still quite small, needs more side shoots.
			+ '		10/1/18: A lot of gaps in container, but plants are very uniform. 7/9/18: Still small, no branching.
Crassula perforata variegata		16-Mar	29-May	2	10/1/18: Very unusual form, but slow growth and lots of gaps in container
			1	-	10/1/10. Very unusuan form, but slow growth and lots of gaps in container



				Final Eval
			Plant Out	Score
Genus	Cultivar	Stick Date	Date	(1 thru 5) Notes
Crassula picturata		25-Jan	29-May	7/9/18: In flower. Coloration does not stand out against soil.
Crussula picturata		25 3411	23 Ividy	10/1/18: All filled in and completely in color
Cremnosedum	Little Gem		29-May	7/9/18: Full, very cute, very low growing.
			· '	10/1/18: Very full and very uniform
Crassula x	Ivory Pagoda		25-May	7/9/18: Still small, but very interesting.
				10/1/18: A lot of gaps and die-back
Echeveria	Blue Prince	20-Mar	25-May	7/9/18: 4 out of 10 plants have rotted. Remaining plants are in bloom, survivors look good, nice color. 10/1/18: Gaps, but still large and lots of flowers
				_ 7/9/18: Very impressive size, color, and texture, a winner already.
Echeveria	Giant Blue	20-Mar	25-May	10/1/18: Huge! Leaf shape and texture are unique and is in flower
Eshavania	N.4		25 May	7/9/18: Flowered inside, now new flower stalks forming on nearly all plants.
Echeveria	Mensa		25-May	⁵ 10/1/18: Crowding in container, in flower and very uniform
Echeveria difractens		16-Mar	25-May	7/9/18: 9 out of 10 plants are rotted! Dropped leaves are rooting though.
Lenevena anraetens		10 14101	25 Iviay	10/1/18:
Echeveria elegans	Gray Red	16-Mar	25-May	7/9/18: Similar form and flowers to E. difractens, some sunburn.
	,		25	10/1/18: Gaps in container and leaf damage. In flower.
Echeveria elegans		23-Mar	25-May	7/9/18: Very uniform and compact. 10/1/18: Uniform and lots of offsets, but still many gaps in container.
				7/9/18: Is this really an Echeveria? Haven't gotten much bigger.
Echeveria haagai tolimensis		16-Mar	25-May	10/1/18: Gaps in container, but still very large plants. Interesting flowers and leaf color.
				7/9/18: Haven't grown much.
Echeveria hybrid	Black Prince	22-Mar	29-May	5 10/1/18: Crowding in container, producing offsets. Interesting black coloration. An upright and unifor
· ·			•	plant.
Echeveria hybrid	Perle von Nurnberg	16-Mar	25-May	7/9/18: Nice color, uniform.
Lenevena nybrid	rene von Numberg	10-iviai	23-IVIAY	10/1/18: Huge! Lots of color and uniform habit.
Echeveria hybrid	Violet Queen	23-Mar	25-May	7/9/18: Impressive, very blue, flowering.
				10/1/18: Very full and uniform habit. Flowering.
Echeveria lilacina		16-Mar	25-May	7/9/18: Haven't expanded much.
				10/1/18: Still some gaps in container, but very uniform and large plants. 7/9/18: Filling out well, nice silver/purple color.
Echeveria pollux		16-Mar	25-May	10/1/18: Very full and uniform, crowding each other
				7/9/18: Runners are interesting, kind of messy looking though.
Echeveria prolifica		16-Mar	25-May	10/1/18: Super full container, lots of runners and offsets that can produce a less uniform look.
Echeveria pulidonis		16-Mar	25-May	7/9/18: Nice red edge to foliage.
Echeveria pulluonis		10-iviai	25-IVIdy	10/1/18: Very full and uniform, crowding each other, lots of offsets
Echeveria pulvinata	Frosty	20-Mar	25-May	7/9/18: Possibly some sunburn/browning on some leaves. Getting leggy already.
p	,			10/1/18: Some gaps in container. Fuzzy and tall plants.
Echeveria runyonii	Pink Edge	16-Mar	25-May	7/9/18: Very upright, full.
			1	10/1/18: Very full, in flower, uniform and lots of offsets. 7/9/18: Great texxture, flowering, full.
Echeveria runyonii	Topsy Turvy	2-Feb	25-May	10/1/18: Very full, in flower, uniform and lots of offsets.
			<u> </u>	7/9/18: Unique fuzzy green, doing well.
Echeveria setosa		23-Mar	25-May	10/1/18: Crowding each other, lots of offsets, fuzzy. Super uniform habit.
Echavaria chaviana		16-Mar	25-May	7/9/18: Impressive, very full, good color and texture. Getting hit by sprinklers, soil very wet.
Echeveria shaviana		TO-INIGL	25-IVIdY	⁵ 10/1/18: Huge plants and very uniform. Unique leaf shape. Flowering, and many offsets.



				Final Eval	
			Plant Out	Score	
Genus	Cultivar	Stick Date	Date	(1 thru 5)	Notes
Genus	Cuitivai	Stick Bate	Date	(1 (111 4 3)	notes
					7/9/18: Still a little small, but filling out. Good Blue color. Getting hit by sprinklers, soil very wet.
Echeveria subsessilis	Blue	16-Mar	25-May	5	10/1/18: Nice color. Crowding of plants in container. Flowering. Some offsets and very uniform.
					10/1/10: Nice color: Growang or plants in container: Howering, Some onsets and very amorni.
					7/9/18: Leaves scar very easily, full, tall (will probably get too leggy).
Echeveria x hybrida	The Rose		29-May	5	10/1/18: Huge! Nice color and flowering.
			25.11	_	7/9/18: Interesting texture, filling pot well, but can't imagine using in the ground.
Epiphyllum guatemalense var. monstrose			25-May	5	10/1/18: Full container. Very interesting leaf shape!
E al a Parez a de	Et a a tradici		20.14	_	7/9/18: Nice yellow/orange color, full.
Euphorbia tirucalli	Firesticks		29-May	5	10/1/18: Very full, not uniform, but interesting red coloring and great texture.
Constant to the constant to th		16 Mari	25 Maria	2	7/9/18: Still quite small, some rotting.
Graptopetalum glassii		16-Mar	25-May	2	10/1/18: Lots of gaps in container, very slow growth.
					7/9/18: Similar to Echeveria prolifica, not full yet.
Graptopetalum macdougallii		16-Mar	25-May	4	10/1/18: Gaps around edge of container, but middle filled in nicely with a lot of offsets. Nice color on leaf
					tips.
Grantonatalum nontandrum		16-Mar	20 May	2	7/9/18: Lots of sunburn from water spots (either fountain or sprinklers)
Graptopetalum pentandrum		10-10141	29-May	3	10/1/18: Many gaps in container, but plants are large. However there is a lot of leaf damage.
Graptopetalum superbum		16-Mar	29-May	_	7/9/18: Leggy, some branching from base. Getting hit by sprinklers, soil very wet.
		10-10141		Э	10/1/18: Very full container. Growing over container, many offsets.
Grantosadum	Darley Sunshine	16-Mar	29-May		7/9/18: Filling out, nice pink color. Getting hit by sprinklers, soil very wet.
Graptosedum	Darrey Suristime	10-10141	29-iviay		10/1/18:
	Fang			7/9/18: Tall, not branching.	
Kalanchoe beharensis			29-May	4	10/1/18: Unique leaf shape, colored tips and fuzzy leaf. There are some gaps still in container however.
					Upright growth, not much branching or offsts.
Kalanchoe longiflora coccinea		24-Jan	29-May	5	7/9/18: Tall, not branching.
Raidiffice foliginora coccinca		24 3011	23 Ividy	,	10/1/18: Very full container. A very unique plant with leaf texture and color.
Kalanchoe orgyalis		16-Mar	29-May	1	7/9/18: Still small, no branching.
Raidiffice orgyans		10 10101	23 Ividy	7	10/1/18: Some gaps in container due to upright nature and no offsets. Unique leaf color.
Kalanchoe tubiflora			29-May	5	7/9/18: No branching, getting quite tall already.
Raidienoe tubinoru			25 May	,	10/1/18: Huge plant! Very tall and unique leaf texture.
Mammillaria elongata			29-May	4	7/9/18: Haven't changed much.
			25		10/1/18: Still gaps in container despite a lot of offsets.
Manfreda undulata	Mad About Mangave		29-May	5	7/9/18: Slowly getting larger, no sun damage.
	Mint Chocolate Chip			_	10/1/18: Fills pot, very unique leaf color/pattern
Mangave	Mad About Mangave		29-May	5	7/9/18: Slowly getting larger, no sun damage.
	Inkblot		25	_	10/1/18: Fills pot, very unique leaf color/pattern
Mangave	Mad About Mangave		29-May	5	7/9/18: Slowly getting larger, no sun damage.
	Lavender Lady	+	25		10/1/18: Fills pot and uniform shape.
Mangave	Mad About Mangave		29-May	4	7/9/18: Slowly getting larger, no sun damage.
-	Man of Steel	1	<u> </u>		10/1/18: Smaller than others in this series, but still a large plant
Mangave	Mad About Mangave		29-May	5	7/9/18: Slowly getting larger, no sun damage.
	Mission to Mars	+	1		10/1/18: Fills pot, very unique leaf color/pattern
Mangave	Mad About Mangave		29-May	5	7/9/18: Slowly getting larger, no sun damage.
	Moonglow	+			10/1/18: Fills pot, very unique leaf color/pattern
Mangave	Mad About Mangave		29-May	5	7/9/18: Slowly getting larger, no sun damage.
. 3	Pineapple Express				10/1/18: Fills pot, very unique leaf color/pattern



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Pachyphytum bracteosum		16-Mar	29-May	7/9/18: Still small, no branching, cool looking leaves though. 10/1/18: Large plants, but lots of gaps in container and few offsets.
				7/9/18: Still small, but it's supposed to stay small.
Pachyphytum compactum		16-Mar	29-May	3 10/1/18: Many gaps in container, plants of medium size. Uniform plants, but few offsets.
				7/9/18: Like a twice as big version of Pachyphytum compactum.
Pachyphytum hookeri		16-Mar	29-May	4 10/1/18: Uniform large plants, but still gaps in container.
Pachyveria	Blue	16-Mar	29-May	7/9/18: Tall, not branching.
racityveria	Dide	10 14101	23 Ividy	10/1/18: Large plants, but still gaps in container. Lots of offsets though.
Peperomia axillaris		16-Mar	29-May	7/9/18: Very small an dcompact, but interesting.
·				10/1/18: Large plants, but some gaps in container. Unique flowers.
Peperomia dolabriformis		done	29-May	7/9/18: Still small, but filling out slowly. 10/1/18: Some gaps in container. Very unique leaf shape. Uniform plants and flowering.
				7/9/18: Sprouts forming at base, otherwise pretty leggy.
Portulaca molokiniensis		16-Mar	29-May	3 10/1/18: Lots of gaps despite a lot of offsets. Leggy.
				_ 7/9/18: Filling out well-surprised because this is usually pretty slow growing. Very nice eye-catching co
Portulacaria afra variegata			29-May	10/1/18: Very full container. Interesting red stem color. Uniform habit.
Rhipsalis ramulosa			29-May	7/9/18: Sunburn and/or rotting on many leaves.
F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			- ',	10/1/18: Full container, but some die-back. Unique leaf shape.
Rhipsalis pachyptera			29-May	7/9/18: Some new growth, but still small.
			29-May	10/1/18: Lots of gaps in container and leaf damage as well. 7/9/18: Color does not pop, still small.
Sedeveria	Jet Beads	23-Mar		4 10/1/18: Some gaps in container, probably because of the upright habit.
				_ 7/9/18: Getting leggy.
Sedeveria	Sorrento	23-Mar	29-May	10/1/18: Full container. Nice color, lots of branching and flowering. Gorgeous!
				7/9/18: Slightly spiker leaves an dmore color on edges than S. nussbaumerianum. Not full yet.
Sedum adolphii	Firestorm	23-Mar	29-May	3 10/1/18: Lots of gaps in container and leggy plants. Not uniform in habit, but interesting orange/yello
				leaf color.
Sedum carnicolor		16-Mar	29-May	7/9/18: Leggy, could use some branching, plants falling over under own eight.
				10/1/18: Gaps in container and not uniform. Lovely orange colored leaf tips though. 7/9/18: Leggy, falling over.
Sedum clavatum	Aurora Blue	16-Mar	29-May	10/1/18: Gaps along edges, but otherwise completely filled in. Lots of offsets.
Sedum indicum var. yunnanense (crested form)			29-May	7/9/18: Haven't changed much, maybe slightly larger.
,				10/1/18: Pretty small plans (so a lot of gaps in container). But adorable small clumps with offsets
Sedum nussbaumerianum			29-May	7/9/18: Thicker leaves than Firestorm, color more uniform.
				10/1/18: Some gaps in container, but large uniform plants. Nice yellow/orange leaf color.
Sedum nussbaumerianum	Orange	16-Mar	29-May	7/9/18: Much less vigorous.
			10/1/18: Gaps in container still with few offsets. Unique orange leaf color. 7/9/18: Falling over under own weight, not full.	
Sedum pachyphyllum		23-Mar	29-May	4 10/1/18: Gaps in container still, but large plants with lots of offsets. Lovely red tipped leaf.
	1		_ 7/9/18: Slow, no branching.	
Senecio crassissimus		16-Mar	29-May	10/1/18: Very uniform and full container. Unique leaf shape.
				7/9/18: All have flower buds, no branching, leggy, leaning over.
Senecio kleiniiformis			29-May	3 10/1/18: Gaps in container still, due to plants upright nature. Plants are falling over and done flowering
				Aphid problems.

2018 Michigan State University Trial Gardens.
Succulent Trial Results -October 1, 2018.
Prepared by Kristin Getter, MSU Horticulture Gardens Director



				Final Eval	
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Genus	Cultivar	Stick Date	Date	(1 thru 5)	Notes
Senecio radicans glauca			29-May		7/9/18: Cascading well, faster growth than string of pearls. 10/1/18: Full, overflowing container. Unique leaf shape and some flowering.