

Plant book

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Trees

- | | |
|------------------------------|-----------------------------|
| 1) Bambusa | 11) Ficus Nitida |
| 2) Calliandra haematocephala | 12) Jacaranda |
| 3) Callistemon Viminails | 13) Jatropha integerrima |
| 4) Cassia fistula | 14) Koelreuteria Paniculata |
| 5) Cassia Gluca | 15) Parkinsonia |
| 6) Cassia Nodosa | 16) Plumeria Alba |
| 7) Chorisia crispiflora | 17) Poinciana Rigia |
| 8) Cupressus macrocarpa | 18) Tecoma castanifolia |
| 9) Dracaena santa rosa | 19) Tecoma stans |
| 10) Ficus Benjaminia | 20) Taxodium distichum |
| | 21) Spathodea campanulata |

Technical

Price: 450 L.E

Oasis mashtal in madinaty

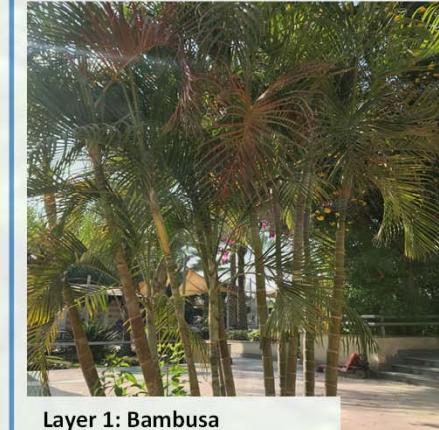
Grouping

<u>Form</u>	Clump-forming, evergreen, slender hollow culms, produce slender branches at each node
<u>Foliage</u>	Size: 20 cm Linear-lance-shaped leaves
<u>Flower</u>	Once bamboo flowers it dies. Flowers are rarely seen
<u>Height and Width</u>	Height: 15 – 20 m Width: Indefinite
<u>Roots</u>	Size: 70 – 90 cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 90-150years Rate: Fast
<u>Trunk</u>	–
<u>Sun</u>	Full sun
<u>Water</u>	5-7 liters a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Bambusa tree can be added in a grouping that gives the **appealing** and **vibrate** mood through its different shape. So the grouping will start by the clustering of **Layer 1 bambusa** (Special tree) that offers the **showy mood** due to its reddish to green color with **layer 2 Pennisetum Purpureum** (Decorative Perennial) that will add the lively mood with its pinky feather leaves and adding to it **Layer 3 Cestrum nocturnum** (Decorative shrub) to add up some **suspense** to the moods by its overall green color with little light white. For the texture Bambusa contains a lance rough texture in the leaves and smooth to rough unique trunk, Pennisetum purpureum contains this feathery leaf that has soft touch like brush, and cestrum nocturnum that owns smooth lead look leaves that differs from any other leaves so this grouping according to texture give the **remarkable** feeling that contains different types of texture. According to the scale and proportion as the Bambusa is not a giant tree it helped in clustering between the other two layer of shrub Pennisetum purpureum and cestrum nocturnum where they help the form to look like a **breeze of air** and appeal to the eyes as heaven and to change the mood from aggressiveness or mad to **satisfy and appealing**.

Garden type:

This group can be added to a Foliage garden a garden that likes a grouping with different textures and form to appeal and satisfy the visitors.



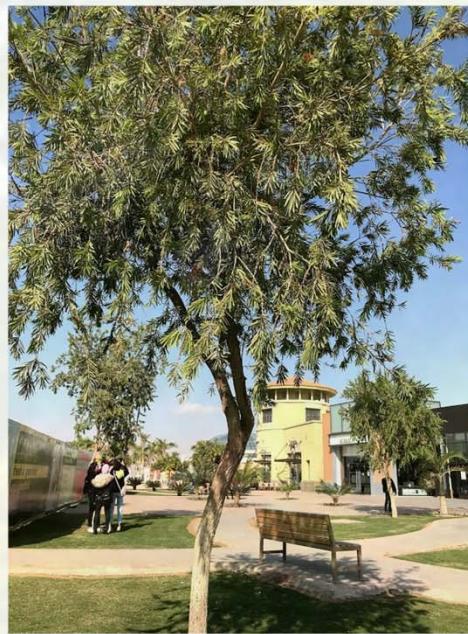
Layer 1: Bambusa



Layer 2: Pennisetum Purpureum



Layer 3: Cestrum nocturnum

TechnicalGrouping

Price: 450 L.E

Oasis mashtal in madinaty

<u>Form</u>	Evergreen, small tree or large shrub with dense and weeping branches
<u>Foliage</u>	Size: 5-13cm Linear-lance shaped, Leathery, matte, rigid, dark green leaves.
<u>Flower</u>	Brilliant crimson-red flower in spikes. Stamens are much longer than petals
<u>Height and Width</u>	Height: 4 – 6 m Width: 2 m
<u>Roots</u>	Size: 50 – 70 cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 25 - 30 years Rate: Moderate
<u>Trunk</u>	multi trunk Smooth bark
<u>Sun</u>	Full sun
<u>Water</u>	10 - 15 liters a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Callistemon Viminails can be added to a grouping that gives the **maneuver** mood to add some movement with unique shape of the callistemon flower. So the grouping will infill together from **Layer 1 callistemon viminalis** (pretty tree) by creating the **hyper** mood with all of the action that is shown in flower by the red color that will transfer the **intense** feeling with some help from **Layer 2 Ocimum basilicum** (Decorative shrub) to add the **vibrant** feeling to the grouping due to its very light purple color that include the **mystery** and **creativity** effect, to **Layer 3 Tecomania** the inviting (Decorative shrub) that deliver some **enthusiastic** effect to the grouping by its bright orange color. According to their texture which says it all red spike flower of callistemon viminalis , with the **sparks** of terminal spikes that comes from the scented ocimum basilicum. To the Tecomania to calm down the action mood a little bit by **welcoming** the eyes to the grouping with the pointed non uniformed and smooth texture. For the scale and proportions that shows the whole form about how the scale of callistemon viminalis tree with the ocimum basilicum to the Tecomania collected together to infill the grouping by its form to deliver the **action** mood.

Garden type:

This group can be added to a Modern garden can help in achieving the action and movement shown in this grouping by emphasizing the garden with a great appearance



Layer 1: Callistemon Viminails



Layer 2: Ocimum basilicum



Layer 3: Tecomania

TechnicalGrouping

Price: 700 L.E

Oasis mashtal in madinaty

<u>Form</u>	Evergreen, perennials, shrub or small tree												
<u>Foliage</u>	Size: 30 - 45cm long Pinnate sickle-shaped to elliptic, glossy, dark green leaflets.												
<u>Flower</u>	Pink spherical flowerheads												
<u>Height and Width</u>	Height: 3 - 5 m Width: 2 – 4 m												
<u>Roots</u>	Size: 50-70 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 30 – 40 years Rate: Moderate												
<u>Trunk</u>	-												
<u>Sun</u>	Full sun												
<u>Water</u>	40-50 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Albizia Julibrissin can be added to a grouping that **captures and sparkles** the group. The grouping will stripe down from **layer 1 Calliandra haematocephala**

(Decorative Tree) will grab the attention because of its pinkish color as it provides the fancy mood with the sparkly **layer 2 lantana camara** (Decorative Perennial) with its staggering of colors from orange to yellow color that gives the **optimistic** mood goes down to **Layer 3 Duranta Erecta** (Decorative Shrub) to alert and rhyme with the grouping due to its yellow green color. For the texture the silky shaped flower and smooth leaves which adds the **glamorous** look that **captures** the look immediately to its unique texture and with the lantana camara has different levels layered above each other with the smooth texture to provide the **refreshment** mood to the Duranta erecta with the rough texture to add the sparkle to the group and attention. As for the scale and proportion the form is achieved according to the staggering of levels in the tree dropped to the other layer lantana camara that has some levels in its flower and to the Duranta Erecta that can be controlled and stay short to grab more attention to the grouping.

Garden type:

This group can be added to a Cottage garden where it can achieve the captivating and sparkle mood



Layer 1: Calliandra Haematocephala



Layer 2: Lantana camara



Layer 3: Duranta Erecta

Cassia fistulaTechnical

Price: 460 L.E

Oasis mashtal in madinaty

Grouping

<u>Form</u>	Spreading, semi-evergreen to deciduous tree												
<u>Foliage</u>	Size: 30 – 40 cm Bright green leaves, ovate leaflets												
<u>Flower</u>	Fragrant, bright yellow, borne freely in pendent racemes.												
<u>Height and Width</u>	Height: 8 – 12 m Width: 3 – 5 m												
<u>Roots</u>	Size: 50 – 70 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 25 - 30 years Rate: Moderate												
<u>Trunk</u>	–												
<u>Sun</u>	Full sun												
<u>Water</u>	60-80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Cassia fistula can be added in grouping that gives **welcoming** mood to open up the enjoyable feeling. So the grouping will stripe in the collection from **Layer 1 Cassia fistula** (Decorative tree) as it is somehow a **showy** tree that tries to **glam up** according to its bright yellow collective flowers, **Layer 2 Osteospermum** (Decorative perennial) the **friendly** mood that the osteospermum will provide to the grouping to give the elegance and **Layer 3 Acalifa** (Decorative shrub) that adds the **safety** mood due to its bronze color that will provide the whole grouping the **warmness** and **comfort** feeling. As for the texture the medium texture for the Cassia fistula and the smooth texture for the osteoperium rough texture from acalifa to **secure** the grouping and offer it the **welcoming** and **tender** effect. To the scale and proportion that help to apply the form with the **inviting** feeling that will call out for people by its attracting bright yellow pendent racemes flower and the osteoperium the **friendly** beauty medium scale shrub and the Acalifa that is **tough** and at the same time own the small scale between them to apply safety and warm to the grouping. Overall the three layers helped in transferring the **welcoming mood**.

Garden type:

This group can be added to a Mediterranean garden that will help in delivering the welcoming where colorful gardens attract viewers and help in welcoming visitors.



Layer 1: Cassia fistula



Layer 2: Osteospermum



Layer 3: Acalifa

Trees

Technical



Price: 460 L.E

Oasis mashtal in madinaty

Grouping

<u>Form</u>	Evergreen, rounded, small tree or large shrub												
<u>Foliage</u>	Dark green leaves, with oblong or obovate leaflets.												
<u>Flower</u>	Bright yellow almost all year.												
<u>Height and Width</u>	Height: 3 – 6 m Width: 2 – 3 m												
<u>Roots</u>	Size: 50 – 70 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 25 - 30 years Rate: Fast												
<u>Trunk</u>	–												
<u>Sun</u>	Full sun												
<u>Water</u>	60-80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Cassia Gluca can be combined to a grouping that contains **festivity** and **alluring** mood. So the grouping will cluster with **Layer 1 Cassia Gluca** (decorative tree) that will give **cheerful** and **enjoyable** mood with **Layer 2 Catharanthus roseus** (Pretty annual) due to its **showy** color bright pink that adds some sparks to the grouping to the last **layer 3 wedelia** (Decorative perennial) will offer **delightful** mood to the grouping. As it will light up any place because of the catchy colors the bright yellow the cassia gluca and the wedelia and the Catharanthus roseus with the bright pink color . For the texture the smoothness of the rounded leaves, with the smoothness Catharanthus roseus and the elliptic rough dark green leaves helps in offering the atmosphere with liveliness to the mood. The scale and proportion leads to the form that is attractive due to its cluster flower the opportunity to grow higher and to standout with the medium height showy flower Catharanthus roseus and the smaller height Wedelia to offer the spirited joyful mood . So the grouping can be placed in an entertaining place or boring places to add the **festivity and alluring mood** to the place. To form the enjoying spirit that is meant to be delivered.

Garden type:

This group can be added to a Mediterranean garden where it can help in transferring the festivity mood as this garden needs colorful spirits



Layer 1: Cassia gluca



Layer 2: Catharanthus roseus



Layer 3: Wedelia

Cassia Nodosa



Price: 1000 L.E

Oasis mashtal in madinaty

Technical

<u>Form</u>	Spectacular, medium size, deciduous, umbrella shaped crown and horizontal large branches
<u>Foliage</u>	Size: 15-24 cm Oblong leaves feathery, compound leaflets.
<u>Flower</u>	Very attractive, aromatic, bright pink
<u>Height and Width</u>	Height: 10-15 m Width: 6-8 m
<u>Roots</u>	Size: 50-70 cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 40-50 years Rate: fast
<u>Trunk</u>	Short trunk
<u>Sun</u>	Full sun
<u>Water</u>	40-50 liter a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Cassia Nodosa can be combined to a grouping that will uplift the mood and will let others to use the tree in anything rather than only for shading and placed in parking lot . So the grouping will infill the place with **Layer 1 Cassia Nodosa** (special tree)transfer a **glamours** mood due to its horizontal growth that makes it special than any other tree which by the help of **Layer 2 Hibiscus** (Decorative shrub)that emphasized the **spontaneous** feeling that will grab not only your attention but as well as your heart to **Layer 3 Tecomaria** (Decorative shrub) a little bit of orange to offer the **enthusiastic** mood. These three layer can interact with each other and help in delivering the youthful mood where it can be used in places and entertaining parks to give an amazing feeling and at the same time provide shading than only used in paring lot. For texture the featheriness of cassia, leathery leaves of hibiscus and Medium texture between smooth and rough of Tecomaria creates the **exploring, joyful** feelings that leads to **youthful** mood. And for the scale and proportion the form of the tree the uniqueness of its growth with the medium height of the hibiscus and small height of tecomaria leads to prospect.

Garden type:

This group can be added in Mediterranean garden due to its bright colors and different form which this type of garden likes.



Layer 1: Cassia Nodosa



Layer 2: Hibiscus



Layer 3: Tecomaria

Trees

Chorisia crispiflora

كوريزيا

Technical



Price: 660 L.E
Oasis mashtal in madinaty

<u>Form</u>	Large, deciduous, bottle shaped trunk, stores water bulging in the lower third
<u>Foliage</u>	Size: 5 – 7 cm Compound palmate long leaflets
<u>Flower</u>	Creamy whitish, in cluster pink towards the tips of the 5 petals similar to hibiscus
<u>Height and Width</u>	Height: 15 – 20 m Width: 10 m
<u>Roots</u>	Size: 50 – 70 cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 60 – 70 years Rate: Fast
<u>Trunk</u>	Bottle shaped trunk
<u>Sun</u>	Full sun
<u>Water</u>	60-80 liter a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Chorisia crispiflora can be added to a grouping an **overwhelming** group. So the grouping will stripe down from layer 1 Chorisia crispiflora (Special tree) that give the **ravishing** effect that came out from the creamy white flower and the light to dark green in leaves, to the amazing Layer 2 pelargonium zonal (Special shrub) that offer the **fancy** and **charming** feeling to the grouping and with layer 3 bougainvillea (Decorative climber) the **delicate** look it offer and the **neutral** white color that it represents. And the texture added some **sparks** to the grouping by the attractive trunk that has spikes and rough texture and the pelargonium the glossy smooth leaves that deliver a **delightful** mood with the bougainvillea smooth texture that is soft like tissues. As for the scale and proportion that helped in the formation of the group by added it to the giant chorisia crispiflora gives a **greatness** to the form and the pelargonium zonal the medium height shrub with its curvy shape leaves that adds uniqueness to the grouping with the bougainvillea the climber that can be controlled and act as a shrub around the grouping to give the form an innocent and loving look. To sum up the grouping from its form and colors gave and **overwhelming mood**.

Garden type:

This group can be added to a Mediterranean garden that will help in delivering the overwhelming the eye catchy with its form and beauty of colors.



Layer 1: Chorisia Crispiflora



Layer 3: Pelargonium zonal



Layer 3: Bougainvillea

Trees

TechnicalGrouping

Price: 100-120 L.E

Oasis mashtal in madinaty

<u>Form</u>	Evergreen conifer that is columnar or cone shaped when young, spread as it ages
<u>Foliage</u>	Size: 0.2 cm Overlapping, forward-pointing, glaucous, blue aromatic gray leaves
<u>Flower</u>	-
<u>Height and Width</u>	Height: 10 - 12m Width: 4 - 5m
<u>Roots</u>	Size: 50 – 70 cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 10 - 15 years Rate: Moderate
<u>Trunk</u>	Curling and rounded
<u>Sun</u>	Full sun
<u>Water</u>	60-80 liter a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Cupresses Macrocarpa can be added in a grouping that will give **Prestigious mood** the **captivating** due to its form and fragrant smell. So the grouping with stripe down from **Layer 1** **Cupressus macrocarpa** (Special tree) that shows how **charismatic and sophisticated** it is due to its light green color as well as **Layer 2** **Caesalpinia pulcherrima** (shrub) will add the **delightful mood** to the grouping due to its red and yellow color and **Layer 3 Acalifa** (Decorative shrub) that offers the **safety** to the grouping with its beautiful bronze color. As for the texture the messy hairy smooth leaves for Cupressus macrocarpa, with the Caesalpinia pulcherrima that has pointed leaves and fern-like, add with the addition of Acalifa the rough texture to combine with the grouping to try and achieve **the charismatic and captivating mood**. Scale and proportion was formed due to the prestigious mood that due to the height of the Cupressus macrocarpa tree with the **attractive** looking medium height Caesalpinia pulcherrima shrub and finally the Acalifa they all formed together the most amazing **charismatic** shape that attracts the eyes with the different height scales. To sum up the colors of the layers with the different in each layer's texture to the scale that was formed by the height achieved the **prestigious mood**.

Garden type:

This group can be added to a Mediterranean garden and formal garden where it offers the prestigious mood and as well as to the colors added to the grouping.



Layer 1: Cupressus macrocarpa



Layer 2: Caesalpinia pulcherrima



Layer 3: Acalifa



Price: 220 L.E
Rehab gate 12 mashtal

Technical

<u>Form</u>	Small evergreen tree or shrub, upright slender stems, mature to a woody trunk
<u>Foliage</u>	Red margined fleshy glossy dark green, narrow, sword-like
<u>Flower</u>	Small, not showy, white and red bome in terminal panicles above the leaves
<u>Height and Width</u>	Height: 2 – 3 m Width: 1 - 1.5 m
<u>Roots</u>	Size: 30 – 50 cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 15 - 20 years Rate: Slow
<u>Trunk</u>	–
<u>Sun</u>	Full to part sun
<u>Water</u>	5 - 7 liter a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Dracaena Santa Rosa can be combined with a grouping that offers the **vitality** mood strong fabulous energy. So the grouping with stripe down from Layer 1 Dracaena santa rosa (special tree) that shows the **superior** steady look due to its green color that can give anything around it to charm and be powerful by adding to it Layer 2 Euphorbia milli (Decorative shrub) which gives and **energetic** atmosphere due to its red spark flowers with touch of the **glamourous Layer 3 lantana montevidensis** (with its cluster of mini light purple color that provide the **ambitious** in the grouping . Through to the texture that will help in offering the **vitality** mood by the unique looking tree that has the rough texture and with spike stems that the euphorbia milli contains to give the **wild** look with the smooth texture that lantana montevidensis owns to collect the **strong, energetic** effect. And for the scale and proportion that gave the form of the grouping the **superior** and **richness** to the group from the different height in the tree to somehow the near height that each shrub has euphorbia milli and lantana montevidensis. To sum up the colors combinations with the texture and form gave the **vitality mood**.

Garden type:

This group can be added to a Mediterranean garden that will help in delivering the strong feeling from the color formation and can be added to an active place and motivational zones.

Layer 1: Dracaena santa rosa

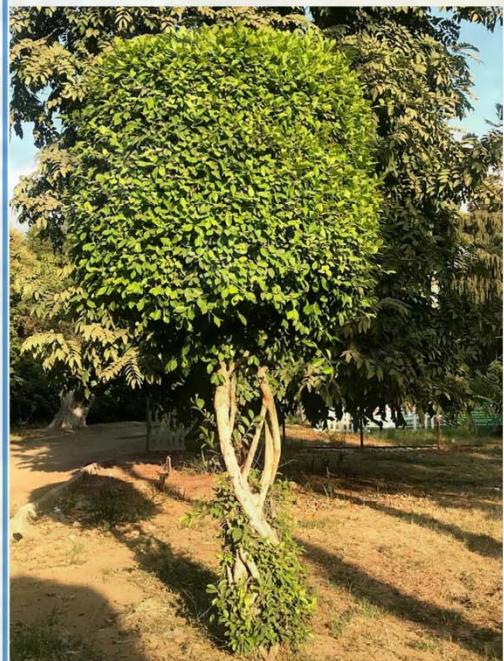


Layer 2: Euphorbia milli



Layer 3: Lantana montevidensis

Ficus Benjamina



Price: 70 L.E

Rehab gate 12 mashtal

Technical

<u>Form</u>	Radian street tree glisten and shine through the day												
<u>Foliage</u>	Size: 5-13cm Elliptic and glossy evergreen color leaves												
<u>Flower</u>	-												
<u>Height and Width</u>	Height: 6-30m Width: 15m												
<u>Roots</u>	Size: 1-1.2m deep Extensive and very deep roots												
<u>Growth Rate</u>	Life span: 90-100 years Rate: very fast												
<u>Trunk</u>	Single or multi trunk Smooth bark												
<u>Sun</u>	Full to part sun												
<u>Water</u>	60-80 liter a day												
<u>Bloom months</u>	<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr></table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Ficus benjamina can be added to a group that represents **calm** mood that helps in concentration where the color green delivers the **tranquility**. So the grouping is striped down from **layer 1 Ficus Benjamina** (Skeleton tree) will be added with **layer 2 vinca** (Decorative perennial) the white flowers that transfer **neutral** and the **peacefulness** mood plus **layer 3 Duranta erecta** (Decorative shrub) will give the **alert** mood where this grouping can be added to places that needs highly concentration. As the green color gives tranquility, and with some brightness the Duranta erecta to deliver the **energetic** mood and with some white color to equalize between the moods. For the textures layer 1 (Ficus benjamina) contains glossy texture and layer 2 (vinca) contains both rough and somehow glossy texture helps in the movement from the glossy texture (Ficus benjamina) to the rough texture (Duranta erecta). Scale and proportion in this grouping shows powerful outstanding in the form from the Ficus Benjamin that is cylindrically shaped to the vinca a medium height shrub to the Duranta erecta that can be controlled in growth to be with small height to add various of staggering in the grouping.

Garden type:

This group can be added in a formal garden, where they can emphasize and be shaped to a formal look and organized in a perfect way.



Layer 1: Ficus benjamina



Layer 2: Vinca



Layer 3: Duranta Erecta

Technical



Price: 80 L.E

Oasis mashtal in madinaty

Grouping

<u>Form</u>	Large evergreen with upright growing branches and dense spreading crown												
<u>Foliage</u>	Size: 4 – 6 cm Dark green, small, pointed oval, held in ascending branches												
<u>Flower</u>	–												
<u>Height and Width</u>	Height: 9 – 18 m Width: 9 m												
<u>Roots</u>	Size: 1.0 - 1.2m deep Fibrous root system												
<u>Growth Rate</u>	Life span: 80 – 90 years Rate: Fast												
<u>Trunk</u>	Single or multi trunk Smooth bark												
<u>Sun</u>	Full sun												
<u>Water</u>	60-80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Ficus nitida can be added in a grouping that **uplift** the mood once looking at it. So the grouping will start by striping down from **Layer 1 Ficus nitida** (Skeleton tree) that can be shaped in any geometric shape to follow up with the type of garden and mood the mood that this tree deliver is the **refreshing** mood with **Layer 2 Gazania** (Decorative perennial) to add some **richness** to the mood instead of all green with some yellow and orange color that gives **optimism** to life as for **Layer 3 Senio cineraria** (Decorative Perennial) that will add some **tranquility** to help in achieving the refreshing mood. As for the texture Ficus nitida contains a waxy glossy leaves that indicates the meaning of clean that leads to **refreshing**, as the gazania that contains a rough pointed leaves that creates a **marvelous** atmosphere to the grouping with the Senso cineraria that attract the eyes due to its color as well as the rough texture that will help in serenity. As for the scale and proportion that the form is done due to the height of the Ficus nitida that is broke down to the gazania perennial that has medium height to the groundcover seniso cineraria that helped in achieving the **refreshing mood** to feel **pleasant** while looking at it. Overall the grouping was formed by the help of texture, color and scale to achieve the mood.

Garden type:

This group can be added to a Mediterranean garden and formal garden due to its colorful and easily shaping .



Layer 1: Ficus nitida



Layer 2: Gazania



Layer 3: Senecio cineraria



Price: 925 L.E
Oasis mashtal in madinaty

Technical

<u>Form</u>	Large spreading deciduous tree
<u>Foliage</u>	Size: 45cm Cluster softly hairy mid green leaves
<u>Flower</u>	Size: 5cm Bell shaped purple flower (self-colored)
<u>Height and Width</u>	Height: 6-9m Width: 5m
<u>Roots</u>	Size: 50-70 deep Fibrous Root
<u>Growth Rate</u>	Life span: 70-90 years Rate: Slow
<u>Trunk</u>	Color: light brown Hard wood trunk
<u>Sun</u>	Full sun
<u>Water</u>	60-80 liter a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Jacaranda can be added in a group that add spark creativity mood, because the bell shaped purple flower is a color that contains a mixture of blue (**calm**) and red (**intense**) to give the **sparky** mood. **Layer 2 Pelargonium zonal** (special Shrub) with its curvy leaves helps in the movement of the layers from **jacaranda layer 1** (Decorative tree) to the **plumbago layer 3** (Pretty climber) and offers the rhythm between smooth jacaranda leaves (and sharp plumbago leaves (pretty) to deliver comfort while looking at it. For the colors and texture it help in **interlacing** the mood down from jacaranda the main layer that gives the spark mood which came out from the help of pelargonium the **intense** to the calm plumbago to reduce the level of intense a little bit. As for the scale and proportion the large layer is jacaranda (tree) is the main shows the feeling that it is the final result as color and scale from the pelargonium (shrub) which has the same scale as plumbago which tells by using this type of shrub by their colors texture and scale gave the main and final result the jacaranda to fill the surrounding with **sparky mood** followed up with the **intense** and **calm** mood to settle up the mood.

Garden type:

This group can be added in a Mediterranean garden, that is great to be emphasized on shade, and foliage. Good with brightly colored flowers shown in grouping.



Layer 1: Jacaranda



Layer 1: Pelargonium zonal



Layer 3: Plumbago

Technical



Price: 220 L.E
Oasis mashtal in madinaty

<u>Form</u>	Semi-evergreen, deciduous tree shrub with an erect branching pattern
<u>Foliage</u>	Size: 8 – 13 cm Ovate palmately, sharp pointed, dark green bronze red when young and green brown beneath
<u>Flower</u>	Bears terminal clusters of star shaped bright coral-red flowers
<u>Height and Width</u>	Height: 6 m Width: 4 m
<u>Roots</u>	Size: 40 -60 cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 50 – 60 years Rate: Slow
<u>Trunk</u>	Several slender trunks
<u>Sun</u>	Full sun
<u>Water</u>	60-80 liter a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Jatropha integerrima can be added to a grouping that gives the **enchanting mood** as it is mostly added to the entrances due to its beauty and eye catchy look. So the grouping will start with infilling the layers with each other from **Layer 1 Jatropha integerrima** (Decorative tree) that has the most **glamorous elegant** red flower that gives beauty to the charming tree with the add of some sunshine **Layer 2 Euryops acraeus** (Decorative shrub) that with it bright yellow color that gives the **sparkly** feeling and with the add of the yellowish shrub **Layer 3 Duranta erecta** (Decorative shrub) to combine between the color and make the grouping rhyme with each other. With the texture that speaks about it all the smooth glossy texture for the jatropha integerrima that shows **fanciness**, to the euryops acraeus the smoothness that will rhyme with the jatropha integerrima and the one that will some up all the texture to add the **remarkable** look is the duranta erecta the medium texture that contains the rough and the smooth touch. Scale and proportion of the form grouping lead to the **captivating mood** due to the height that are kind off near to each other. Overall the color with the texture to the scale provided the **enchanting mood**.

Garden type:

This group can be added to a Mediterranean garden due to its colorful and rhyming texture as well as it can be placed in entrance as a decorative group.



Layer 1: Jatropha integerrima



Layer 2: Euryops acraeus



Layer 3: Duranta Erecta

Koelreuteria Paniculata



Price: 300 L.E
Oasis mashtal in madinaty

Technical

<u>Form</u>	Deciduous, spreading, round-headed tree												
<u>Foliage</u>	Size: 12-18cm Pinnate leaves with irregular edge												
<u>Flower</u>	Panicles, consisting of small yellow orange flowers with 4 petals												
<u>Height and Width</u>	Height: 10-15 m Width: 10 m												
<u>Roots</u>	Size: 50-70 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 120-130 years Rate: moderate												
<u>Trunk</u>	Brown erect stem												
<u>Sun</u>	Full sun												
<u>Water</u>	60 – 80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Koelreuteria Paniculata can be combined in a group that add a **delicate** mood with colors that catch the eyes spot out to add some **fierceness**. So the grouping will infill by the main Layer 1 Koelreuteria Paniculata (Tree) is a **remarkable** tree due to its unique flower to give the **appealing** mood, to Layer 2 Bougainvillea (Decorative Climber) will affix the group with **compassion** to invite and put the focal point to the grouping which also goes to Layer 3 Euryops acraeus (Decorative shrub) with its bright yellow color that delivers to the group the **energetic spark** mood which will also hand the attraction to the group. So with all the bright colors in this grouping it will send the **delicate remarkable** mood that attracts the eyes and give the **compassion** effect . For the texture all the layers kind of gives the same texture the smooth texture where they infill each other and rhyme with each others moods and fierceness. As for the scale and proportion the form will let the koelreuteria to exhilarate the grouping according to its form and height with the Bougainvillea climbing around the trunk to appeal and spark with Euryops acraeus to its short height that will be seen and nothing will hide it according to the other two layers.

Garden type:

This group can be added in Mediterranean garden due to its bright attractive colors, form and texture as this type of garden likes colorful grouping



Layer 1: Koelreuteria Paniculata



Layer 2: Bougainvillea



Layer 3: Euryops acraeus

Technical

Grouping



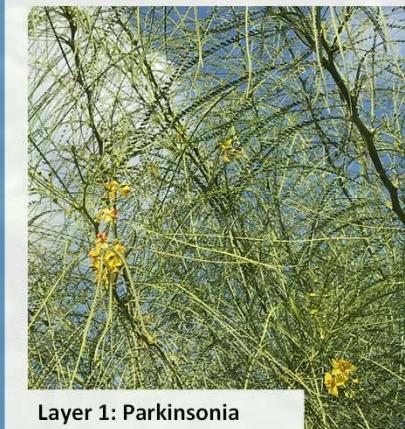
Price: 260 L.E
Oasis mashtal in madinaty

<u>Form</u>	Spreading, open growth habit, often weeping or deciduous tree. Spiny green stems
<u>Foliage</u>	Size: 2-6 mm Slender, mid-green leaves.
<u>Flower</u>	Cub-shaped fragrant bright-yellow with orange spotted petals
<u>Height and Width</u>	Height: 8-10 m Width: 5-8 m
<u>Roots</u>	Size: 40-60 cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 40-50 years Rate: moderate
<u>Trunk</u>	Crooked green trunk
<u>Sun</u>	Full to part sun
<u>Water</u>	40-50 liter a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Parkinsonia can be added in a group that creates **warmness** mood that due to its uniqueness and power form that attracts the eyes. So the grouping is stripped down from Layer 1 Parkinsonia (Decorative tree) that transfer the dominance feeling once looking at it as it stands out in the center of the grouping to Layer 2 Pentas Lanceolate (Decorative shrub) where it adds few of **innocent** mood because as we can tell that some will find Parkinsonia scary and some will find it welcoming so a little bit of pink will change the mood to **safety** and **pleasant** to the grouping and Layer 3 Acalifa (Decorative shrub) due to its bronze color will add **strength** and **security** around the grouping. For the texture the Parkinsonia contains the slender and cub shaped bright yellow , Pentas lanceolate contains medium rough and smooth flower and Acalifa contains rough texture together they all transfer **friendly**, **warmness** and **safety**. Scale and proportions helped the form in delivering dominance feeling as the Parkinsonia tree unique for its height and form and under it the Pentas lanceolate due to its medium height and cluster flower to show some friendly atmosphere and Acalifa as it added to be an undercover that protects the grouping .

Garden type:

This group can be added in Mediterranean garden as it will add shading to the landscape with its evergreen and unique form.



Layer 1: Parkinsonia



Layer 2: Pentas Lanceolate



Layer 3: Acalifa

Technical



Price: 160 L.E
Oasis mashtal in madinaty

<u>Form</u>	Deciduous, many-branched small, canopy tree												
<u>Foliage</u>	Size: 25 cm Dark-green, alternate narrow, corrugated												
<u>Flower</u>	Aromatic yellowish-white in summer and autumn												
<u>Height and Width</u>	Height: 2 – 5 m Width: 2 – 3 m												
<u>Roots</u>	Size: 40 – 60 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 60 – 70 years Rate: Moderate												
<u>Trunk</u>	Unique branch structure												
<u>Sun</u>	Full sun												
<u>Water</u>	60-80 liters a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Plumeria Alba can be added to a grouping that delivers the **creative, emotional spirited mood**. So the grouping will cluster together with the start of **layer 1 Plumeria Alba (Decorative tree)** according to its pink to white color gives the **emotional beautiful mood** with **Layer 2 Pennisetum Purpureum** (Decorative Perennial) the **spirited mood** that it transfer with its pink color and **Layer 3 Lantana montevidensis** (Decorative Perennial) with its glamourous purple color **hyper up the creativity mood**. To the texture that show how the moods are combined together by the plumeria alba with the unique branch structure that has some sharp rough texture , the feathery smooth silk like Pennisetum purpureum and the lantana montevidensis that layers in the flower with the smooth texture it gives they all helped in provided the **emotional spirited charming mood**. As for the scale and proportion it helped in organizing the form from the appropriate plumeria alba height that will go with the medium height of Pennisetum purpureum and the small perennial that can act as a ground cover to lighten up the surrounding of the grouping. Overall the grouping achieved to offer **the creativity and emotional spirited mood** with its formation, rhyme of the color scheme it shows and the texture that goes together.

Garden type:

This group can be added to a cottage garden where it offers the creativity mood and the colors that will give good spirit to the place.



Layer 1: Plumeria Alba



Layer 2: Pennisetum Purpureum



Layer 3: Lantana montevidensis

Trees

Poinciana Rigia



Price: 400 L.E

Oasis mashtal in madinaty

Technical

<u>Form</u>	Fully deciduous in areas with a long dry season, wide spreading dome shaped crown												
<u>Foliage</u>	Size: 30 – 50 cm Broadly ovate, bright green leaves												
<u>Flower</u>	Many scarlet flowers, petals are pale yellow and striped with red												
<u>Height and Width</u>	Height: 10 – 12 m Width: 6 – 8 m												
<u>Roots</u>	Size: 50 70 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 50 - 60 years Rate: Fast												
<u>Trunk</u>	–												
<u>Sun</u>	Full sun												
<u>Water</u>	60-80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Poinciana Rigia can be combined to a grouping that lower the rises of **intense** in the red flower color. So the grouping will stripe down from **Layer 1 Poinciana Rigia** (Tree) will transfer the **charming** mood due to its bright red color and unique looking flower and by combining **layer 2 Plumbago capensis** (Pretty Climber) light blue flower color that offer **stability** that will be needed to calm down the bright red color so it won't be too much for the eyes with **Layer 3 Senso cineraria** (Decorative Perennial) that will lead to **relief** mood that will improve the serenity and offer **pleasant** mood. According to the texture as we can see that the fine smooth texture will help in the transforming to the plumbago capensis with its smooth leaves to the kin of solid leaves to help in the **fluidity** of movement while looking at it. To the scale and proportion to form the **astonishing and breeziness** that is formed in the scale of the tree to the medium height of the plumbago capensis to the Senso cineraria the short ground cover. So this grouping due to its color forming, texture and scale equals the charming, calming and stability moods together to please the viewers and the visitors whether in home, calm places.

Garden type:

This group can be added in Formal garden where it can be stable and transfer the pleasant calming mood



Layer 1: Poinciana Rigia



Layer 2: Plumbago capensis



Layer 3: Senecio cineraria

Technical

Price: 250 L.E

Oasis mashtal in madinaty

Grouping

<u>Form</u>	Small tree, cluster of trumpet-shaped
<u>Foliage</u>	Lance-shaped green leaves.
<u>Flower</u>	Fragrant bell shaped bright yellow flower at the end of branches which spreads outwards
<u>Height and Width</u>	Height: 6-8m
<u>Roots</u>	Size: 40 – 60cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 90-100 years Rate: very fast
<u>Trunk</u>	Single Smooth bark
<u>Sun</u>	Full to part sun
<u>Water</u>	60 – 80liters a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Tecoma Castanifolia can be added in a grouping that contains a **hilarious** and **astonishment mood**. So the grouping will cluster from Layer 1 Tecoma Castanifolia (Decorative tree) that leads to **amazement** due to its bright yellow color passing to Layer 2 Schefflera arboricola (Decorative shrub) that will **attracts** the eyes by its mix of colors the green and yellow that rhymes with Tecoma castanifolia to Layer 3 Lantana montevidensis (Decorative perennial) by its beautiful purple color **amuses** the grouping and adds **creative** feeling to the atmosphere. Going to the texture where shooting Tecoma castanifolia tree owns a mixture of texture where the leaves are somehow rough and the flower is kind of smooth that give a **surprise** feeling while looking at it to the schefflera arboricola that acts out with the smooth texture it owns to lantana montevidensis that has a smooth texture to smooth down the grown and give it a **gentle** look. To the scale and proportion due to different heights that creates **suspense and excitement** from Tecoma castanifolia to schefflera arboricola to lantana montevidensis offering **hilarious and astonishing mood**.

Garden type:

The grouping Can match with cottage garden due to its attractive texture and colors the apply and astonishing and surprising mood to the surrounding.



Layer 1: Tecoma castanifolia



Layer 2: Schefflera arboricola



Layer 3: Lantana montevidensis

Technical

Price: 250 L.E
Oasis mashtal in madinaty

<u>Form</u>	Small tree, semi-evergreen, and large shrub.												
<u>Foliage</u>	Size: 35cm Bright green alternate arrangement, and Lance-shaped.												
<u>Flower</u>	Size: 5cm terminal panicles Bell shaped bright yellow color (self-colored)												
<u>Height and Width</u>	Height: 6-9m Width: 5m												
<u>Roots</u>	Size: 40-60 cm deep Fibrous Root												
<u>Growth Rate</u>	Life span: 60-70 Rate: Slow												
<u>Trunk</u>	Color: light brown Rough bark on trunk												
<u>Sun</u>	Full to part sun												
<u>Water</u>	60 – 80liters a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

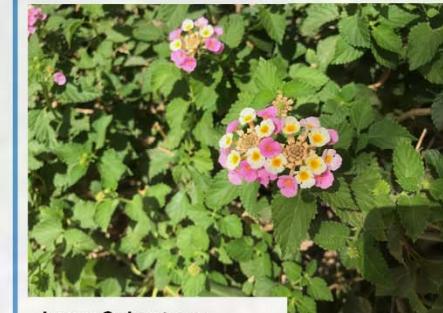
Tecomma stans can be added in a grouping that gives a **cheerful** mood that is shown in the yellow bell shaped trumpet flower. So adding to the grouping layers that will cluster from **Layer 1 tecoma stans** (Decorative tree) with bright colors that goes with the same color scheme will impower the cheerful mood. **Layer 2 Lantana** (Decorative perennial)will show the **imaginative** mood with some of purple color and its smooth texture that shows **richness** and a little yellow in it that goes with yellow bell shaped flower in tecoma stans tree. Then below it goes **Layer 3 Duranta erecta** (Decorative shrub) a bright **energetic** yellowish shrub that grabs the attention immediately with its sharp leaves will rhyme with the yellow flower (Tecoma stans) and purple color with a little bit of yellow in it (Lantana) to make contrast with both layers. As for the texture that all the layers kind of rhyme with each other from the rough texture of tecoma stans to the smooth texture lantana to the medium texture that will equalize between the first two layers is the duranta erecta to give the **superior imaginative mood**.

Garden type:

The grouping Can match with cottage garden because it will add the welcoming mood to the cheerful grouping and will balance between the three layers.



Layer 1: Tecoma stans



Layer 2: Lantana



Layer 3: Duranta Erecta

TechnicalGrouping

Price: 14000 L.E

Price from azhar park

<u>Form</u>	Deciduous conifer, pyramidal to conical, spreading, irregular, flat topped forms
<u>Foliage</u>	Spirally-arranged deciduous stems hold needles in 2 ranks and lack buds
<u>Flower</u>	-
<u>Height and Width</u>	Height: 20 – 30 m Width: 2 – 5 m
<u>Roots</u>	Size: 70 – 90 m deep Fibrous root system
<u>Growth Rate</u>	Life span: 80-190 years Rate: Moderate
<u>Trunk</u>	Exfoliating, red, brown-silver
<u>Sun</u>	Full sun
<u>Water</u>	60-80 liter a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Taxodium Distichum can be added to a grouping that gives it the right to **outstand** and show its **fascinating** look. So the grouping will infill from **Layer 1 Taxodium distichum** (Special tree) that owns its own mood the **beguiling** and **powerful** standing out weeping tree with **Layer 2 Solenostemon scutellarioides** (Pretty shrub) to create the elegance mood to the powerful tree with **Layer 3 Alternanthera species** (Pretty shrub) that will add the luxurious and vintage mood because of the brownish color. As for the texture of taxodium distichum that has rough texture which kind of resemble to old as this tree gives the feeling as if it is from old ages, with the solenostemon scutellarioidies to smooth the look somehow from old to charming and alternanthera species the medium texture shrub that combine between both vintage look to the charming look. As for the scale and propotion the form has came up due to the large mass of the *Taxodium distichum* that attracts anyone, to the solenostemon scutellarioied the medium shrub and alternanthera species that can be in a short side to control the form. The grouping aim is to fascinate the viewers.

Garden type:

This group can be added to a Mediterranean garden can help in achieving the shading to the garden and as well create different mood

Layer 1: *Taxodium distichum*Layer 2: *Solenostemon Scutellarioides*Layer 3: *Alternanthera species*



Price: 1250 L.E
Rehab gate 12 mashtal

Technical

<u>Form</u>	Deciduous moderately branched, open, leafy tree												
<u>Foliage</u>	Size: 45 cm Opposite, pinnate leaves, oblong to ovate, leathery, deep green leaflets												
<u>Flower</u>	Terminal racemes or asymmetric panicles, bell shaped, yellow-rimmed, scarlet red scented flower.												
<u>Height and Width</u>	Height: 10 – 15 m Width: 5 – 10 m												
<u>Roots</u>	Size: 1-1.2m deep Fibrous root system												
<u>Growth Rate</u>	Life span: 70 - 80 years Rate: Moderate												
<u>Trunk</u>	–												
<u>Sun</u>	Full sun												
<u>Water</u>	60-80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Spathodea Campanulata can be combined in a group that offers **coziness** mood the earthy feeling. So the grouping will cluster with each other by starting from the main Layer 1 **Spathodea Campanulata** (Decorative Tree) That by the fire color with offer the heat the **warm** feeling to a **comfort** place by the offer of layer 2 Bougainvillea (Decorative climber) the white color that provide **peacefulness** and **neutral** to the grouping with the brownish dust color Layer 3 Alternanthera Species (Pretty shrub) gives the **earthy** feeling the more **calmness** effect to the feeling and eyes. And for the texture spathodea campanulate offers the medium texture the mixture of smooth and rough that is found on earth to the bougainvillea that has the smooth texture the soft **peaceful** feeling to the alternanthera species the medium texture to sum up the grouping with the **earthy, calm and the peaceful effect**. As for the scale and proportion they all melt in tighter to give the result of the amazing form that transfer all the moods that helps in **calming** down the nervous and be cooling to the eyes. So this grouping from its colors combination to the texture formation and mixing formed the pleasant grouping to achieve the **cozy mood**.

Garden type:

This group can be added to a Mediterranean garden that will help in delivering the cozy feeling from the color formation and can be added in calm zones.



Layer 1: Spathodea Campanulata



Layer 2: Bougainvillea



Layer 3: Alternanthera species

Palms

- 1) *Bismarckia Nobilis*
- 2) *Chamaerops humilis*
- 3) *Chrysalidocarpus Lutescens*
- 4) *Cycas*
- 5) *Hyophorbe Verschaffeltii*
- 6) *Roystonea Riga*
- 7) *Syagrus Romanzoffianum*

TechnicalGrouping

Price: 400 L.E
Rehab gate 12 mashtal

<u>Form</u>	Massive tropical fan palm with heavy blue-green broad fan leaves												
<u>Foliage</u>	Size: 5-13cm Huge palmate, bright light blue. Leaf stems are armed with small teeth												
<u>Flower</u>	-												
<u>Height and Width</u>	Height: 12-15 m Width: 5m												
<u>Roots</u>	Size: 1.2-1.5 m deep Fibrous root system												
<u>Growth Rate</u>	Life span: 120-150 years Rate: Slow												
<u>Trunk</u>	Single, broad and												
<u>Sun</u>	Full sun												
<u>Water</u>	70-80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Bismarckia nobilis can be added in a grouping that with show the **dominance** and **dynamic** mood. So the layer will stipe from **Layer 1 Bismarckia Nobilis** (special Palm) that is an **outstanding remarkable dominance** palm that is different in it leaves color the green that goes to white color with the add of **Layer 2 Bougainvillea** (Decorative climber) the white neutral color to add a **monochromatic** feeling to the grouping with **Layer 3 Ipomea** (Decorative shrub) to add some **dignity** to the grouping due to the purple separated flowers. As for the texture the harsh one is the main layer Bismarckia Nobilis and to the smoothness texture the bougainvillea and ipomea to give some **softness** to the grouping and to be cool to the eyes. As well as for the scale and proportion the aim of the formation of the grouping is to deliver the **dynamic** feeling with letting the Bismarckia Nobilis dominance to the grouping by the **staggering** shown in the huge palm the different branch to give to the climber that will give the feeling at it surrounding the tree to the ipomea the small shrub in the grouping to give some touch with its scale and different leaves form. To sum up the grouping transferred the moods by the color with some textures help and the formation of the grouping to give the **dominance and dynamic** mood.

Garden type:

This group can be added to a Modern garden ad its perfect shaped leaves and the monochromatic colors in the grouping.



Layer 1: Bismarckia Nobilis



Layer 2: Bougainvillea



Layer 3: Ipomea

TechnicalGrouping

Price: 1000 L.E

Rehab gate 12 mashtal

References: Azhar Plant Guidebook p.37

Photos: Chamaerops humilis (Madinaty) / Hibiscus flower (Aswan) / Wedelia (Azhar park)

<u>Form</u>	Bushy, shrubby palm: produces suckers when mature	<p>Chamaerops humilis can be added in a grouping that gives the friendly and affectionate mood as it is an intimated palm because it grows into groups. So the grouping will stripe from Layer 1 Chamaerops Humilis (Special Palm) which by its greenery color delivers the affectionate mood that drives to Layer 2 Hibiscus (Decorative shrub) that offers from its bright red color the feeling of friendliness and positivity to the grouping with Layer 3 Wedelia (Decorative perennial) by its bright yellow color provides the fun and friendly side to the grouping. As for the texture the pointed out and bushy leaves for Chamaerops humilis to the Leathery leaves of the hibiscus and the rough texture of the wedelia that together they complete each other as a group of friends does according to their different types of textures. The scale and proportion their job is to define the form that kind off made the grouping with nearly the same height as the Chamaerops humilis is a short palm, hibiscus is a shrub that can be short too to the wedelia that can act as a short perennial together they will help in offering the safety, affectionate grouping. Overall the grouping that contains Chamaerops humilis, hibiscus, and wedelia color, texture and form transferred the most adorable mood friendly and affectionate mood.</p> <p>Garden type: This group can be added to a Mediterranean garden that will help in delivering the Friendly mood as it will deliver the affectionate and cozy feeling to the garden</p>
<u>Foliage</u>	Size: 60 – 90 cm Broad pinnate bluish or grayish green leaves	
<u>Flower</u>	–	
<u>Height and Width</u>	Height: 2 – 3 m Width: 2 - 4 m	
<u>Roots</u>	Size: 0.9 – 1.0 m deep Fibrous root system	
<u>Growth Rate</u>	Life span: 20 – 30 years Rate: Fast	
<u>Trunk</u>	Single or multi-trunked	
<u>Sun</u>	Full to part sun	
<u>Water</u>	60-80 liter a day	
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12	



Layer 1: Chamaerops Humilis



Layer 2: Hibiscus



Layer 3: Wedelia

TechnicalGrouping

Price: 1400 L.E

Rehab gate 12 mashtal

<u>Form</u>	An evergreen, upright, vase-shaped palm like												
<u>Foliage</u>	Size: 1-2 m Spiral, odd-numbered pinnately-compound, linear-shaped												
<u>Flower</u>	-												
<u>Height and Width</u>	Height: 5 - 7 m Width: 4 m												
<u>Roots</u>	Size: 50-70cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 15 - 20 years Rate: Fast												
<u>Trunk</u>	Single or multi-trunked												
<u>Sun</u>	Full to part sun												
<u>Water</u>	60 – 80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Chrysalidocarpus lutescens can be added to a grouping that will offer an **overwhelming and appealing mood**. So the grouping will infill together from **Layer 1 Chrysalidocarpus lutescens** (Specail palms) that owns a marvelous green color that **reveal** with the surroundings to **Layer 2 Pelargonium zonal** (Special shrub) that adds some **intense** to the grouping due to it red color passing on to **Layer 3 Acalifa** (Decorative shrub) that combine between both layer the red and green color to **equalize** the grouping. As for the texture they all nearly share the same smooth texture that together the deliver the **overwhelms** to the atmosphere. As for the scale and proportion the grouping is designed according to the heights although the palm is not huge and tall but it is taller than the rest of the layers will they go from chrysalidocarpus lutescens to Pelargonium zonal to Acalifa where they **appeal** to the surrounding as they where growing together and as if they are the same figure. To sum the grouping tried to reach out to infill together by color that rhymes with each other where you will find **harmony** in it to texture that also apply **harmony** in it as they all contain the same smooth texture to scale and proportion to show **embrace** with each other and to the atmosphere that helped in delivering **overwhelming and appealing mood**.

Garden type:

This group can be added to a Mediterranean garden and cottage as they contain same texture but different form to deliver attraction and overwhelming.



Layer 1: Chrysalidocarpus lutescens



Layer 2: Pelargonium zonal



Layer 3: Acalifa

Technical

Price: 1000 L.E

Rehab gate 12 mashtal

Grouping

<u>Form</u>	Evergreen, fern-like, robust-stemmed cycad												
<u>Foliage</u>	Size: 0.75-1.5 cm Wholes of pinnate, stiff, leathery, blue green with linear lace shaped												
<u>Flower</u>	-												
<u>Height and Width</u>	Height: 2-3 m Width: 1-1.5 m												
<u>Roots</u>	Size: 50-70 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 60-80 years Rate: slow												
<u>Trunk</u>	Single, bend with age												
<u>Sun</u>	Full sun												
<u>Water</u>	30-35 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Cycas can be added in a grouping that can help in receiving **Richness** and **superior** mood. So the grouping will infill with each other from **layer 1 Cycas** (Special Palm) the mini outstanding stiff palm with **Layer 2 lantana camara** (Decorative Perennial) that will add some **sunshine** mood due to its orange yellow color to the grouping that will offer some **vibrant** and **energetic** feeling to **Layer 3 Duranata erecta** (Decorative shrub) with its yellowish green color will add to the grouping some **richness** to lighten up the collection. As for the texture the grouping accomplished the **superior** mood by Cycas for offering the leathery stiff leaves, lantana camara for owning the smooth texture that will lead to the duranta erecta that has a medium texture a combination between smooth and rough touch . According to the scale and proportion this is the shortest palm that is used commonly in many places although it has a small scale but it has a **personality** and **charisma** in receiving the **richness** and **superior** mood with the help of the grouping lantana camara the short perennial and the duranta erecta that can be short too. At the end the form is done to have **staggering** height so it would give some richness to the grouping. With the color and texture of the Cycas it outstand and gave **charisma** to the rest of the layers.

Garden type:

This group can be added to a Mediterranean garden that will help in delivering the Superior mood by the help of the grouping texture and color



Layer 1: Cycas



Layer 2: Lantana camara



Layer 3: Duranta Erecta



Price: 840 L.E

Rehab gate 12 mashtal

Technical

<u>Form</u>	Tender small palm with a bright green, waxy crown shaft
<u>Foliage</u>	Size: 2.7-3.1 m Six to ten arched, attractive, bright green above and gray below
<u>Flower</u>	-
<u>Height and Width</u>	Height: 6-10 m Width: 4.5 m
<u>Roots</u>	Size: 1.2 – 1.5 m deep Fibrous root system
<u>Growth Rate</u>	Life span: 80-100 years Rate: Fast
<u>Trunk</u>	-
<u>Sun</u>	Full sun
<u>Water</u>	30-35 liters a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Hyophorbe verschaffeltii can be combined in a grouping that gives to the palm **prestigious look and attraction**. So the grouping will cluster from Layer 1 Hyophorbe verschaffeltii (special palm) that has its own **charisma** due to its green color and touches of it in the trunk as well passing to Layer 2 Adiantum Pedatum (Decorative Fern) that has a different shade of green to give the palm a **special** look to Layer 3 Euryops Pectinalus (Decorative shrub) to add a little bit of **sparks** to help and **attracts** the eyes to the palm to give it some **prestigious**. Passing on to the texture that they own the same texture smoothness to the surrounding to create a **friendly** atmosphere. To the scale and proportion that is organized due to height from Hyophorbe verschaffeltii to Adiantum Pedatum to Euryops Pectinalus to create the staggering feeling once looking at it. To sum up the grouping is created to give the Hyophorbe verschaffletii more **charisma** than it already have to add some attraction to it by using colors like the different shade of green that Adiantum Pedatum to the bright yellow color to the grouping going to the textures where they all share the same smooth texture to give **remarkable** look and as well as for the formation all together gave us the **prestigious and attraction mood**.

Garden type:

This group can be added to a Mediterranean garden and modern garden with its own a little bit of different in color and same texture.



Layer 1: Hyophorbe verschaffeltii



Layer 2: Adiantum Pedatum



Layer 3: Euryops Pectinalus

Technical



Price: 220 L.E

Rehab gate 12 mashtal

<u>Form</u>	Single, smooth White trunk, and columnar												
<u>Foliage</u>	Size: 3-5m long dark, green, feather shaped												
<u>Flower</u>	-												
<u>Height and Width</u>	Height: 15-20 m Width: 6-10 m												
<u>Roots</u>	Size: 1.2-1.5m deep Fibrous root system												
<u>Growth Rate</u>	Life span: 70-90 years Rate: moderate												
<u>Trunk</u>	Smooth white single trunk												
<u>Sun</u>	Full sun												
<u>Water</u>	70-80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Roystonea Rigia can be added into a grouping that gives **captivating** and **powerful** mood. So the grouping will stipe form **Layer 1 Roystonea Rigia** (Special palm) as it gives the **luxurious** feeling once looking at it with its green leaves and gray to green color trunk to **Layer 2 Cycas** (Special shrub) an **outstanding** figure with its green color and offers harmony to the grouping with **Layer 3 Thevetia peruviana** (Decorative shrub) due to its pinkish-orange color that provide the **happiness** feeling to captivate the eyes. As for the texture the roystonea rigia that owns smooth texture that will slide down to the Cycas for the leathery stiff texture and the thevetia peruviana the rough pointed leaves adding all of the textures together to apply the charming as the main layer represents the **royalty** so the texture in the grouping to add **fanciness** in the grouping. According to the scale and proportion the form of the grouping formed the **fluidity** and **movement** through the high scale of the roystonea rigia , to the short scale of the Cycas and to the final layer the thevetia peruviana as the form lead to offer the **powerfulness** to the grouping . To sum up the grouping was formed by the colors, texture, and form to deliver the **captivating, powerful and royalty** .

Garden type:

This group can be added to a Mediterranean garden and formal garden due to its formation and royal looking.



Layer 1: Roystonea Rigia



Layer 2: Cycas



Layer 3: Thevetia peruviana



Price: 1600 L.E

Rehab gate 12 mashtal

Technical

<u>Form</u>	Small-trunked, tall palm, with flowing fronds												
<u>Foliage</u>	Feather type fronds, loose, soft, tropical fronds.												
<u>Flower</u>	Broom or bush-like cluster of white flowers												
<u>Height and Width</u>	Height: 10 – 13 m Width: 6 – 7 m												
<u>Roots</u>	Size: 1.2 – 1.5 m deep Fibrous root system												
<u>Growth Rate</u>	Life span: 50-60 years Rate: Fast												
<u>Trunk</u>	Smooth, single-cluster stemmed												
<u>Sun</u>	Full sun												
<u>Water</u>	60-80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Syagrus romanzoffianum can be added in a group that contains a **debonair** and **ravishing** mood. So the grouping will stripe down from **Layer 1 Syagrus Romanzoffianum** (Special Palm) that owns green color leaves that occurs **debonair** feeling the stylish look to **Layer 2 Ocimum Basilicum** (Decorative shrub) that will give the **vibrant** feeling due to its light purple touch found in the flower as well as for **Layer 3 Senso cineraria** (Decorative perennial) for its silver color the adds some **glamorous** to the grouping that is **sophisticated** to the eyes. As for the texture that slide down from the huge palm the feathery and bushy leaves to the rough texture that ocimum basilicum owns to the final layer seniso cineraria that have rough and solid texture to combine together a give that **ravishing remarkable** look. According to the scale and proportion the form is done due to the add of the large scale palm syagrus romanzoffianum that gives **greatness** to the grouping with the ocimum basilicum that gives medium height and layered flower to the seniso cineraria that contains short scale but attracts by it form. Overall the grouping achieved in applying the mood by the color, formation, and textures added together to give the outstanding grouping a **debonair** and **ravishing** mood.

Garden type:

This group can be added to a Mediterranean garden because the grouping has different color and texture and vibrant mood.



Layer 1: Syagrus Romanzoffianum



Layer 2: Ocimum Basilicum



Layer 3: Senecio cineraria

Shrubs

- | | | |
|----------------------------|---------------------------|----------------------------------|
| 1) Acalifa | 11) Ipomoea | 21) Schefflera arboricola |
| 2) Alternanthera species | 12) Lantana Camara | 22) Senecio cineraria |
| 3) Bougainvillea | 13) Lantana montevidensis | 23) Solenostemon Scutellarioides |
| 4) Caesalpinia pulcherrima | 14) Ocimum Basilicum | 24) Tecomaria |
| 5) Cestrum nocturnum | 15) Osteospermum | 25) Thevetia peruviana |
| 6) Duranta Erecta | 16) Pelargonium zonal | 26) Vinca |
| 7) Euphorbia Milii | 17) Pennisetum purpureum | 27) Wedelia |
| 8) Euryops pectinatus | 18) Pentas Lanceolate | |
| 9) Gazania Species | 19) Plumbago Capensis | |
| 10) Hibiscus rosa-sinensis | 20) Ruellia brittoniana | |

Technical

Price: 20 L.E per pot

Rehab gate 12 mashtal

<u>Form</u>	Evergreen, spreading upright shrub with multi colored, often variegated leaves
<u>Foliage</u>	Size: 25 cm Oval, rich coppery-brown
<u>Flower</u>	-
<u>Height and Width</u>	Height: 2 – 3 m Width: 1.5 – 2 m
<u>Roots</u>	Size: 30 – 50 cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 15 - 20 years Rate: fast
<u>Trunk</u>	Single, light gray stem
<u>Sun</u>	Full sun
<u>Water</u>	10 – 15 liters a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Acalifa Can be added to a group that gives **warmth, comfort and security**. So the grouping will start from Layer 1 Acalifa (Decorative shrub) that owns a reddish brown color that means it will transfer the **isolation** mood so it will need some of the **comfort** mood to be added to it by using Layer 2 Schefflera arboricola (Decorative shrub) that will offer a **pleasant** feeling to the grouping and by some addition Layer 3 Plumbago capensis (Pretty climber) will add to the grouping a **peaceful** and **calming** effect. The texture will add a **warmness** feeling by acalifa that contains the rough texture because it doesn't feel safe so some smoothness will be added by Schefflera arboricola and plumbago capensis to it to give **safety and comfort**. As for the scale and proportion it is organized by the heights to it would give **warmness and security** to the grouping from acalifa to schefflera arboricola to plumbago capensis to achieve the mood and feel some **greatness** to it. To sum up the grouping that started with the **shaky** reddish brown acalifa which needs some **comfort** by giving it schefflera arboricola to calm down it and some **peacefulness** from the help of plumbago capensis. And also by the help of the textures and formation too.

Garden type:

This group can be added to a Mediterranean garden and formal garden where it will give greatness to both garden and comfort.



Layer 1: Acalifa



Layer 2: Schefflera arboricola



Layer 2: Plumbago capensis

Alternanthera species

الترناتيرا حمراء او خضراء



Price: 55 L.E per pot

Oasis mashtal madinaty

Technical

<u>Form</u>	Clambering, bushy, tender perennial in warm locations or annual in cold places												
<u>Foliage</u>	Opposite, linear to obovate, often toothed and variable in size, spoon shaped, copper or blood red, green, yellowish-green to maroon												
<u>Flower</u>	White, bisexual, insignificant flowers in terminal or axillary spikes												
<u>Height and Width</u>	Height: 30 – 50 cm Width: 30 cm												
<u>Roots</u>	Size: 20 – 30 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 6 - 15 years Rate: Fast												
<u>Trunk</u>	Prostrate stems												
<u>Sun</u>	Full sun												
<u>Water</u>	8 – 10 liters a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Alternanthera species can be combined in a grouping that gives **comfort, calmness, and safety**. So the grouping will infill from **Layer 1 Bougainvillea** (Decorative climber) that by its white flower it will **transfer pureness**, and **peacefulness** to the atmosphere with the touch of **Layer 2 Pennisetum purpureum** (Decorative perennial) will give some **coziness and calmness** to **Layer 3 Alternanthera species** (Pretty shrub) the main layer which reflects the moods found in the first two layers and as well as the addition of **security** as it collects the color scheme from both Bougainvillea and Pennisetum purpureum. As for the texture Bougainvillea has a smooth texture as well as Pennisetum purpureum as its feathery touch transfer the **softness and calmness** to the surrounding reaching to Alternanthera species that has a medium texture to offer both **calmness and warmth** to the grouping. Going to the scale and proportion the grouping is filled together where they nearly have the same height but a little bit of difference which does not appear clearly so with each other they provide the **coziness** and a **remarkable figure** to the viewers or visitors. So the grouping reached its aim by using colors, texture, and form to combine between **comfort, calmness, and safety**.

Garden type:

This group can be added to a Foliage garden because of the different form it provide and feeling it offers.



Layer 1: Bougainvillea



Layer 2: Pennisetum purpureum



Layer 3: Alternanthera species

Shrubs

Bougainvillea



Price: 800 L.E.

Rehab gate 12 mashtal

Technical

<u>Form</u>	Strong, cascading, semi-evergreen climber
<u>Foliage</u>	Size: 13 cm Elliptic, semi-glossy, mid to deep green leaves
<u>Flower</u>	Small tubular white, magenta bracts in large axillary and terminal cluster
<u>Height and Width</u>	Height: 4 – 5 m Width: indefinite
<u>Roots</u>	Size: 60 – 70 cm deep Extensive root system
<u>Growth Rate</u>	Life span: 90-100 years Rate: very fast
<u>Trunk</u>	Twisted woody trunk
<u>Sun</u>	Full sun
<u>Water</u>	25 – 30 liters a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Bougainvillea can be added in a grouping that flourish the **gleeful** mood. So the grouping will cluster from Layer 1 Bougainvillea (Decorative climber) that **charms** once looking at it due to its bright colors with Layer 2 Lantana montevidensis (Decorative Perennial) that offers some **hope** to the grouping with its glamourous light purple flower and Layer 3 Tecomaria (Decorative shrub) that adds some enthusiastic to the grouping from the orange color that **captivate**. So in the texture, they all nearly share the same percent of texture that goes from the beautiful climber to the Lantana montevidensis to the Marvelous tecomaria. As for the scale and proportion that helped to do show the final result about the form the climber bougainvillea that has a larger height than the rest of the shrubs that goes to the lower level lantana montevidensis to the tecomaria with kind off same height that together they will cluster and send to the grouping a **festivity** mood. Overall the grouping is formed in a kind that will help and transfer the feeling by using the color scheme that follow each other from pink to purple and orange to show the colorful grouping to **entertain** the visitors or viewers and so on that lead to the main mood **Gleeful mood**.

Garden type:

This group can be added to a Mediterranean garden because of the colorful gleeful mood that the grouping will offer to the garden.



Layer 1: Bougainvillea



Layer 2: Lantana montevidensis



Layer 3: Tecomaria



Price: 70 L.E.

Orman Garden mashat

Technical

<u>Form</u>	Deciduous shrub, informal vase shaped, its wide spreading branches and space below for its expanding root system
<u>Foliage</u>	Size: 60 cm Green, fern-like on petioles, bipinnately compound with many simple and smooth obovate leaflets
<u>Flower</u>	Borne in racemes
<u>Height and Width</u>	Height: 3 m Width: 1.5 – 2 m
<u>Roots</u>	Size: 040 – 60 cm deep Tap root system
<u>Growth Rate</u>	Life span: 20 – 25 years Rate: Fast
<u>Trunk</u>	Branched stem
<u>Sun</u>	Full sun
<u>Water</u>	10 – 15 liters a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Caesalpinia pulcherrima can be added in a grouping that gives a **charismatic** and **Prestigious** mood. So the grouping will cluster from **Layer 1 Caesalpinia pulcherrima** (Pretty shrub) that will add the **charisma** and **sophistication** to the atmosphere with the addition of **Layer 2 Euryops Pectinalus** (Decorative shrub) that by the help of its color with offer the **charming feeling** to the grouping to Layer 3 Duranta erecta (Decorative shrub) that will lead to the **sparky** mood that will combine between the other two layers. So the texture will lead to offer the **charismatic** mood as the Caesalpinia pulcherrima that has a medium texture and standout between the other layers as euryops Pectinalus that owns a smooth texture to Duranta erecta that has the same texture as Caesalpinia pulcherrima all together they helped out the Caesalpinia pulcherrima to **lighten up**. To the scale and proportions that will lead to the main aim the **prestigious** look from letting the caesalpinia pulcherrima to **glow out** as it will be the tallest shrub in this grouping then the medium height euryops pectinalus to the small height duranta erecta. So the grouping clustered by the colors, texture, and form to serve the **charismatic and prestigious mood**.

Garden type:

This group can be added to a Mediterranean garden and cottage garden as it will help to add attraction and charisma to the two gardens.



Layer 1: Caesalpinia pulcherrima



Layer 2: Euryops Pectinalus



Layer 3: Duranta Erecta

Technical

Price: 220 L.E

Gate 12 Rehab city mashtal

<u>Form</u>	Evergreen or semi-deciduous shrub												
<u>Foliage</u>	Size: 11 cm Ovate to lance-shaped, smooth, light-green leaves												
<u>Flower</u>	Terminal panicle-like cymes, consisting of tubular, bright yellow-to orange flowers												
<u>Height and Width</u>	Height: 2 – 3 m Width: 1.5 – 2 m												
<u>Roots</u>	Size: 50 – 70 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 25 – 30 years Rate: Fast												
<u>Trunk</u>	–												
<u>Sun</u>	Full sun												
<u>Water</u>	60-80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Cestrum Nocturnum can be combined to a grouping that will deliver a **glorious, remarkable and superior mood**. So the grouping will stripe down from **Layer 1 Cestrum Nocturnum** (Decorative shrub) that will lead to the **glorious** mood by its **sparkly** green color to **Layer 2 Schefflera arboricola** (Decorative shrub) that transfer the **remarkable and attracting** green color to **Layer 3 Gazania species** (Decorative perennial) that by its orange to yellow color that will add some **power** to the grouping. So for the texture of Cestrum Nocturnum which owns smooth texture as well as the schefflera arboricola that together they will provide the **Lively** mood with the addition of Gazania species that owns a medium texture to which it adds the **remarkable** look to the grouping. According to the scale and proportions the grouping is designed from the highest shrub to the medium shrub to the smaller shrub that together they add a **marvelous** feeling. To sum the aim of the grouping is that it applies the moods by using same colors and layer with different scheme to texture that are nearly the same with only one that is different to the scale and proportions that let the form of the grouping to be designed as a **glorious, remarkable, and superior mood**.

Garden type:

This group can be added to a Mediterranean garden because of the different shades and texture.



Layer 1: Cestrum Nocturnum



Layer 2: Schefflera arboricola



Layer 3: Gazania species

Duranta Erecta

دورنتا خضراء ليمونی

Technical



Price: 60 L.E

Oasis mashtal in madinaty

<u>Form</u>	Evergreen bushy spreading weeping shrub or small tree thorns are found on mature specimens												
<u>Foliage</u>	Simple-serrated green-white leaves other varieties come in golden or variegated leaves												
<u>Flower</u>	Blue Racemes bloom repeatedly in spring and summer												
<u>Height and Width</u>	Height: 2-3 m Width: 1-1.5m												
<u>Roots</u>	Fibrous root system 40-60 cm deep												
<u>Growth Rate</u>	Fast												
<u>Trunk</u>	-												
<u>Sun</u>	Full Sun												
<u>Water</u>	8 – 10 liters a day												
<u>Bloom months</u>	<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr></table>	1	2	3	4	5	6	7	8	9	10	11	12
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7	8	9	10	11	12								

Grouping

Duranta erecta can be added in a grouping that gives **fanciness** and **refreshing** mood the mood of colorful nature. So the grouping will cluster from Layer 1 Hibiscus (Decorative shrub) with its scarlet red will transfer the **intense** and **vibrant** fire mood to Layer 2 Euryops Pectinalus (Decorative shrub) that gives **sunny** mood according to the Bright yellow color to the main Layer 3 Duranta erecta (Decorative shrub) that transfer a **sparkling** mood due to its yellow green color that attracts the eyes because of its beauty. For the texture they all own the same texture the smooth and soft texture to reassure the **refreshing and clean** feeling. As for the scale and proportion the hibiscus contain the larger height that is why it is placed in the first layer coming after it the euryops Pectinalus to the main layer as it has the shortest height duranta erecta. To sum up the grouping tried to deliver the **fanciness and refreshing** mood to give the and show the beauty of nature how does it look and what feeling does it transfer and how **rich** it look by the help of the colors that contain red for fire, yellow, for sun, and green for earth to combine together the build up and offer the following mood and with organizing of the height to form a relaxing form and texture that obtain the same feeling all of this provided the **fancy and refreshing** mood.

Garden type:

This group can be added to a Mediterranean garden and cottage garden as it define nature by its colors and texture



Layer 1: Hibiscus

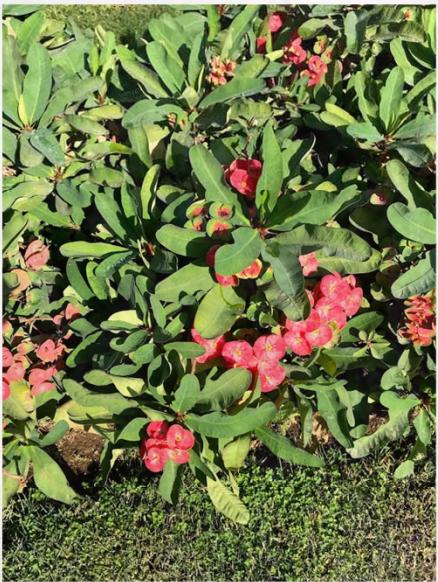


Layer 2: Euryops pectinalus



Layer 3: Duranta Erecta

Technical



Price: 55 L.E

Oasis mashtal in madinaty

<u>Form</u>	Evergreen semi prostrate to scrambling semi succulent shrub with slender thorny stem												
<u>Foliage</u>	Bright green 4 cm long found on young plants sharp spines 1cm long wider at the base												
<u>Flower</u>	Small green shiny surrounded by radiant red bracts borne in axillary cymes												
<u>Height and Width</u>	Height: 0.8-0.9 m Width: 0.4-0.6 m												
<u>Roots</u>	Fibrous root system 30-40 cm deep												
<u>Growth Rate</u>	Life span: 90-100 years Rate: very fast												
<u>Trunk</u>	----												
<u>Sun</u>	Full Sun												
<u>Water</u>	8 – 10 liters a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6								
7	8	9	10	11	12								

Grouping

Euphorbia milii can be added in a grouping that can show its **wilderness** and **fierceness** mood. So the grouping will stripe down by starting with Layer 1 Euphorbia milii (Decorative shrub) that will add an **intense** and **wild** look due to its red flower color with the help in Layer 2

Adiantum Pedatum (Pretty fern) that will give the **earthy** effect according to its beautiful green color plus Layer 3 Duranta erecta (Decorative shrub) that has the bright yellow color to help in **attracting** the eyes and give some **spice** to the grouping. So the texture of the euphorbia milii due to its sharp spines and steady look transfer the **wildness** and **strength** mood with Adiantum pedatum that confirms the **earthy** mood by its Comb like leaves to the duranta erecta that combine between the rough and smooth texture to help the grouping in reaching the **fierceness** and **movement**. As for the scale and proportion the grouping to stripe shown in levels from the powerful Euphorbia milii to the adiantum pedatum that shows strength to the duranta erecta that attracts the viewers by its form. To sum up the grouping achieved in transferring the **strength** and **powerful** by the help of color, texture that combine weapons like structure to the form that is controlled by the height to feel the contrast between them and to achieve the **wilderness and fierceness**.

Garden type:

This group can be added to a Mediterranean garden due to its form and colors.



Layer 1: Euphorbia Milii



Layer 2: Adiantum Pedatum



Layer 3: Duranta Erecta

Euryops pectinatus



Price: 10 L.E. per pot

Gate 12 Rehab city mashat

Technical

<u>Form</u>	Large shrubby evergreen perennials												
<u>Foliage</u>	Size: 4 – 10 cm Distinct gray-green or green feathery leaves, fern-like												
<u>Flower</u>	Bright yellow daisy-like flowers, single or in cluster.												
<u>Height and Width</u>	Height: 1.5 m Width: 1 m												
<u>Roots</u>	Size: 30 – 40 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 3 – 4 years Rate: Fast												
<u>Trunk</u>	-												
<u>Sun</u>	Full sun												
<u>Water</u>	60-80 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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7	8	9	10	11	12								

Grouping

Euryops pectinatus Can be added in a grouping that will transfer **festivity** and **sparkling** mood. So the grouping will cluster from **Layer 1 Euryops Pectinalus** (Decorative shrub) that has a bright yellow color that will deliver a shiny **charming** mood to the atmosphere to **Layer 2 Tecomaria** (Decorative shrub) that with its orange color that shows **happiness** and **superior** with **Layer 3 Lantana** that combine both layers Euryops Pectinalus and Tecomaria together as it has the same color from both and moods. As for the texture Euryops Pectinalus that contains smooth texture with tecomaria and lantana that share the same texture as Euryops pectinalus that together they can deliver **sparkling** mood. According to the scale and proportion the grouping is designed in a way where they all share the nearly the same height with little bit of difference to add a **vibrant feeling** to the surroundings. To sum up the grouping is combined together by the help of color that gives **Festivity** because of the bright color scheme, to the texture that transfer the **Lively** and **happiness** to the scale and proportion that adds some **movement** due to the form. So the grouping reach out to achieve the moods that will light up the surrounding to give **Festivity** and **sparkling** mood.

Garden type:

This group can be added to a Mediterranean garden and cottage garden due to different colors that transfer nearly the same mood.



Layer 1: Euryops Pectinalus



Layer 2: Tecomaria



Layer 3: Lantana

Shrubs

Gazania Species

جازانيا الفضي

Technical



Price: 30 L.E. per pot

Gate 12 Rehab city mashtal

Grouping

Form

Evergreen weeping ground cover

Foliage

Simple linear-lanceolate leaves dense white tomentose underneath

Flower

Large conspicuous white, yellow or orange flowerheads of up to 7 cm across

Height and Width

Height: 30-40 cm
Width: 60-80 cm

Roots

Fibrous root system
20-30 cm deep

Growth Rate

Fast

Trunk

Sun

Full Sun

Water

8 -10 liters a day

Bloom months

1	2	3	4	5	6
7	8	9	10	11	12

Gazania species can be combined in a grouping that will give it the permission to **outstand** and show its **power**. So the grouping will stipe from **Layer 1 Adiantum Pedatum** (Pretty fern) gives the **freshness and harmony** due to its shades of green by placing the main **Layer 2 Gazania species** (Decorative perennial) to the center to throw the focus on it with the help of its sunshine and fire color that transfer a **superior mood** to **Layer 3 Lantana camara** (Decorative perennial) that help to give the gazania species to **standout** and add some **sparkling** to the grouping. As for the texture the Adiantum Pedatum and Lantana camara has smooth texture they transformed the focus and **centralized** the gazania species with its rough texter that attracts the eyes. Passing on to the scale and proportion it helped in organized the grouping to throw the focusing on the gazania species to give a **remarkable look and Powerful feeling**. To sum up the grouping worked on the main aim to help the gazania species in **outstanding and attract** the eyes by its shiny color the amazing different form of its own and that different **eye catchy** texture to transform the whole grouping to a whole new level where they are smooth and soft to a **strong, superior and eye-catchy** grouping.

Garden type:

This group can be added to a Mediterranean garden and cottage garden due to the colorful and strong ability it delivers.



Layer 1: Adiantum Pedatum

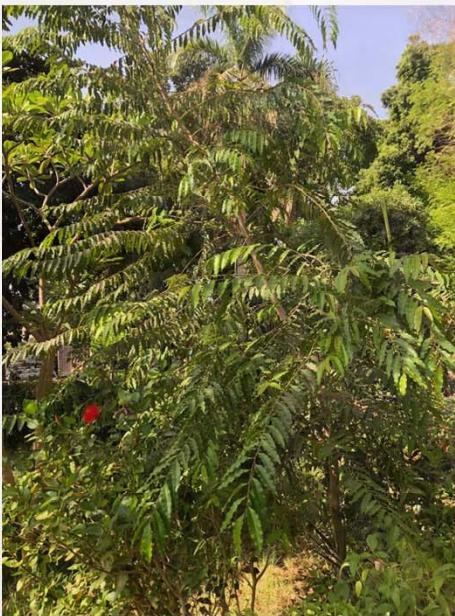


Layer 2: Gazania species



Layer 1: Lantana camara

Technical



Price: 55 L.E per pot

Oasis marshal in madinaty

<u>Form</u>	Evergreen, rounded, bushy, shrub or small tree, with very showy red flowers.
<u>Foliage</u>	Size: 15 cm Leathery ovate to heart shaped, toothed, dark green.
<u>Flower</u>	Single, bright red-orange, yellow anthered red stamens from leaf axil
<u>Height and Width</u>	Height: 3 – 4 m Width: 1.5 – 2 m
<u>Roots</u>	Size: 30 – 50 cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 7 – 10 years Rate: Fast
<u>Trunk</u>	Single or multi stem
<u>Sun</u>	Full sun
<u>Water</u>	10 – 15 liter a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Hibiscus rosa-sinensis can be added in a grouping that shows **affectionate, charming and safety**. So the grouping will cluster from **Layer 1 Hibiscus rosa –sinensis** (Decorative shrub that will give add **love and affectionate** due to its scarlet red color with **Layer 2 Euryops Pectinalus** (Decorative shrub) that will add **sparks and happiness** to the grouping to **Layer 3 Alternanthera species** (Pretty shrub) that will give the grouping **security and coziness** by its burnt brown color. As for the texture Hibiscus rosa-sinensis and euryops pectinalus share the same texture as they both deliver somehow the same mood by rhyming together and with the addition of the alternanthera species that owns a medium texture that combine between **warm and cold**. But for the scale and proportion the grouping was organized due to the height of the hibiscus following to it the euryops pectinalus then alternanthera species that together they form a **staggering** form to show how the mood works from **love and affectionate** to happiness then to **safety**. To sum up the grouping was designed by colors , texture, and scale and proportion the finalize the feeling that will reach out the viewers or visitors that will show how **affectionate** the grouping it by making it to **charm** out and to deliver **security**.

Garden type:

This group can be added to a Mediterranean garden because of the color texture and form that the garden might need.



Layer 1: Hibiscus rosa- sinensis



Layer 2: Euryops Pectinalus



Layer 3: Alternanthera Species

Technical

Price: 20 L.E per pot

Oasis mashtal madinaty

<u>Form</u>	Deciduous, twining, perennial climber
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<u>Foliage</u>	Size: 10. 2 cm Fleshy, leathery, carried on petioles
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<u>Flower</u>	Very showy, pink or purple funnels
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<u>Height and Width</u>	Height: 3 – 5 m Width: indefinite
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<u>Roots</u>	Size: 30 -40 cm deep Fibrous root system
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<u>Growth Rate</u>	Life span: 12 – 15 years Rate: Fast
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<u>Trunk</u>	–
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<u>Sun</u>	Full sun
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<u>Water</u>	15 liters a day
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<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12
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Grouping

Ipomea can be added in a grouping that will deliver **uplifting, vibrant, and luxurious**. So the grouping will stripe down from **Layer 1 Cestrum Nocturnum** (Decorative shrub) that will **uplift** the grouping by its beautiful green color to the main **Layer 2 Ipomea** (Decorative shrub) that will offer **luxurious** that will add **elegance** and **charm** to the atmosphere as for layer 3 Lantana (Decorative Perennial)that has unique colors which rhymes with both layers will put its touch to give the grouping some **vibrant** mood. As for the texture the Survived to transfer **fanciness** to the surrounding by combining the three layers Cestrum Nocturnum, Ipomea, and lantana to collect their smooth texture and transfer a **glorious** effect. For the scale and proportion the aim of it is to organize the shrub in a perfect way to form and transfer the moods acquired so it started by cestrum Nocturnum the larger height then to ipomea the medium and then to Lantana that can be used as a ground cover to transfer a **vibrant and elegant** form. To sum up the grouping is designed to transfer the moods by the help of colors, textures, and scale and proportion which together they offered the uplifting shown in colors, with **vibrant** in textures to the final look a **luxurious** formation which attracts the eyes.

Garden type:

This group can be added to a Mediterranean garden or formal garden as it has formal shape and colorful flowers.



Layer 1: Cestrum Nocturnum

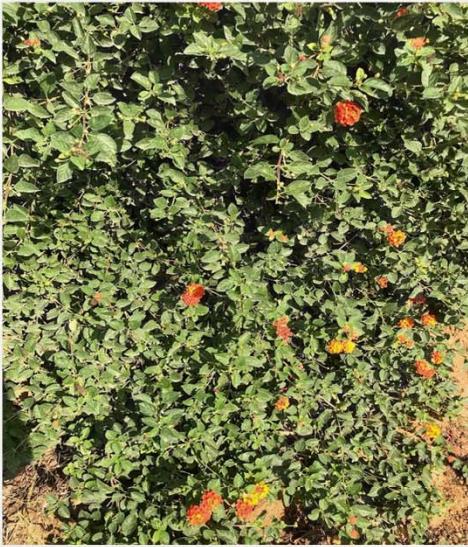


Layer 2: Ipomea



Layer 3: Lantana

Technical



Price: 15 L.E per pot

Gate 12 Rehab city mashtal

<u>Form</u>	Popular evergreen, upright shrub requires pruning to keep its form and shape
<u>Foliage</u>	Oval, opposite, rough, toothed, scented: dark-green leaves
<u>Flower</u>	Forms in clusters, with varying colors all year round
<u>Height and Width</u>	Height: 1 – 2 m Width: 1 – 1.5 m
<u>Roots</u>	Size: 30 – 50 cm deep Fibrous root system
<u>Growth Rate</u>	Life span: 20 – 25 years Rate: Fast
<u>Trunk</u>	Pale brown stems
<u>Sun</u>	Full sun
<u>Water</u>	25 – 30 liters a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Lantana Camara can be added to a grouping that will lead to **inviting** and **charming** mood. So the grouping will cluster from **Layer 1 Cycas** (Special palm and shrub) that will transfer the **captivating** mood due to its green leaves color to the main **Layer 2 Lantana camara** (Decorative perennial) that will transfer to the **shiny** and **charming** mood due to its orange color passing to **Layer 3 Lantana montevidensis** (Decorative Perennial) the purple color that adds **charming** and **friendly** mood to the surroundings. As for the texture the Cycas has a rough texture according to the other layer as it will be the layer that attracts the eyes to the smooth texture that both layer Lantana camara and lantana montevidensis own to provide the **welcoming** feeling to the atmosphere. Going to the scale and proportion that will design the form of the grouping from Cycas to lantana camara to lantana montevidensis to offer together the **inviting mood**. To sum up the grouping tried to reach for the moods by applying colors that rhyme with each other to different texture they own from rough passing down to smooth to deliver **charming** and **captivating** to the formation of the figure to welcome and attract the eyes easily as passing by it.

Garden type:

This group can be added to a Mediterranean garden and cottage garden where it will deliver welcoming mood.



Layer 1: Cycas



Layer 2: Lantana Camara



Layer 3: Lantana montevidensis

Technical



Price: 15 L.E per pot

Gate 12 Rehab city mashtal

Form

Spreading, forming a dense mat, with slender, flexible stems, covered with coarse short hair turn red loses many leaves in winter

Foliage

Size: 2.5 – 4 cm
Ovate to oblong or lance-shaped, coarsely toothed, mid to deep green leaves with a hairy texture

Flower

Bears long-stalked, domed flower heads, yellow-eyed lilac-pink to violet flowers

Height and Width

Height: 0.3 – 0.5 m
Width: 0.6 – 1.2 m

Roots

Size: 20 – 30 cm deep
Fibrous root system

Growth Rate

Life span: 4 - 5 years
Rate: Fast

Trunk

–

Sun

Full sun

Water

10 -15 liter a day

Bloom months

1	2	3	4	5	6
7	8	9	10	11	12

Grouping

Lantana montevidensis can be combined in a grouping that will emerge it out to deliver a **passionate and inviting mood**. So the grouping will cluster from Layer 1 Cestrum Nocturnum (Decorative shrub) that will give the **richness** to the grouping as it has different shades of green that mark out to Layer 2 Thevetia Peruviana (Decorative shrub) that will add some **cheeriness** to the grouping as the pink orange color shine leading to the main Layer 3 Lantana montevidensis (Decorative perennial) to **overwhelm** and pass on some **elegance** according to its marvelous purple color. As for the texture this grouping owns as the cestrum nocturnum contain a unique smooth texture that slide down to the thevetia peruviana that act out with its pointed rough leaves to the smooth layer lantana montevidensis that all together they deliver the **inviting mood** to the surrounding. Going to the scale and proportion the form is organized in a way where the cestrum nocturnum has the highest scale then under it is the thevetia peruviana which can act as a medium scale to the lantana montevidensis which is much more of a ground cover together they appealed and created a **delightful** feeling. So the grouping tried to reach its goal by using colors, texture, and form to offer the **passionate and inviting mood**.

Garden type:

This group can be added to a Mediterranean garden because of the colorful and different texture that the garden can accept.



Layer 1: Cestrum Nocturnum



Layer 2: Thevetia Peruviana



Layer 3: Lantana montevidensis

Ocimum Basilicum

ريحان

Technical



Price: 38 L.E per pot

Gate 12 Rehab city mashtal

<u>Form</u>	Bushy, evergreen, aromatic perennial												
<u>Foliage</u>	Size: 5 cm Narrowly oval to elliptic entire or toothed, slightly hairy, bright green												
<u>Flower</u>	Small white or purple flower arranged in terminal spikes												
<u>Height and Width</u>	Height: 70-90 cm Width: 30 cm												
<u>Roots</u>	Size: 20 - 40 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 1 – 2 years Rate: Fast												
<u>Trunk</u>	–												
<u>Sun</u>	Full sun												
<u>Water</u>	10-15 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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7	8	9	10	11	12								

Grouping

Ocimum basilicum can be added in a grouping that will offer **calmness** and **compassion** mood. So the grouping will infill together from **Layer 1 Ocimum Basilicum** (Decorative shrub) that will provide **nurturance** by its color the light pink and by using **Layer 2 Catharanthus roseus** (Pretty annual) that add a little bit of **softness** that gives a **compassion** feeling with the bright pink color to the grouping with the add of **Layer 3 solestemon scutellarioides** (Pretty shrub) that with shades of pink and a touch of green blind the shades of pink in the grouping together to end up with **calmness, compassion, and warmth** to the surroundings. As for the texture although they have some different in their textures like the ocimum basilicum that owns some spike and a somehow a feathery texture with Catharanthus roseus that owns a smooth texture which act as a soft flower and to the solestemon scutellarioides which gives the feeling as if it is rough, but it adds more smoothness to the grouping to show the **loving, and warmth** that any person would feel. According to the scale and proportion it ended up to show us the form that infill together with the heights that they are kind of the same height to transfer a **pleasant** feeling. To sum up the grouping reached out to allow the **calmness and compassion mood**.

Garden type:

This group can be added to a Cottage garden because of the grouping is an informal design and kind of glowing.



Layer 1: Ocimum Basilicum



Layer 2: Catharanthus roseus



Layer 3: Solestemon Scutellarioides

Osteospermum



Price: 27 L.E per pot

Gate 12 Rehab city mashtal

Technical

<u>Form</u>	Evergreen or low branching, erect, subshrubby perennials.												
<u>Foliage</u>	Alternate, obovate to inversely lance-shaped, entire to pinnatisect, often wavy-margined toothed leaves.												
<u>Flower</u>	Daisy-like flowerheads, on stiff stem.												
<u>Height and Width</u>	Height: 20 – 30 cm Width: 30 – 60 cm												
<u>Roots</u>	Size: 20 – 30 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 3 – 5 years Rate: Fast												
<u>Trunk</u>	–												
<u>Sun</u>	Full to part sun												
<u>Water</u>	10-15 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6								
7	8	9	10	11	12								

Grouping

Osteospermum can be added in a grouping that **welcomes** and gives **aesthetical** mood. So the grouping will infill with each other from **Layer 1 Osteospermum** (Decorative Perennial) that has a **minimalist** and **fresh** feeling because of its white and purple color that also transfer **creativity mood**, passing to **Layer 2 Plumbago capensis** (Pretty climber) that adds some of **calmness** and **breeziness** from its Beautiful light blue color as well to the grouping with the help of **Layer 3 Duranta erecta** (Decorative shrub) that will give some **sparkling** to the grouping by its glamourous yellow green color. As for the texture the difference cannot be noticed as each one of the layer kind of share the same type of texture which overall will offer the **aesthetical** and **remarkable** effect. To the scale and proportion that provide the **minimalist** look as they also kind of share nearly the same height to infill with each other to the most **pleasant** and **friendly** look that will help in achieving the **inviting** and **welcoming** mood to them. To sum up the grouping cared to combine colors that are light and warm with a little bit of spark little bright color to help in **attracting** and **welcoming**, plus with the texture that share same kind of feeling and touching to the scale and proportion that formed the **friendly** and **sweet** look to the grouping to confirm the **welcoming and aesthetical** mood.

Garden type:

This group can be added to a Mediterranean garden as for the welcoming mood and modern as for the minimalist mood.

ديمورفوتيكا



Layer 1: Osteospermum



Layer 2: Plumbago Capensis



Layer 3: Duranta Erecta

Shrubs

Pelargonium zonal

جارونيا



Price: 35 L.E per pot

Gate 12 Rehab city mashtal

Technical

<u>Form</u>	Erect, bushy, sub-shrub And shrub, succulent-stemmed, evergreen perennials.												
<u>Foliage</u>	Size: 4 – 14 cm Alternate, palmately lobed, rounded, light to deep green, with colored spot in the center												
<u>Flower</u>	Single, semi-double, or double, 5 petaled in cluster, scarlet, purple, pink, white, orange, and yellow												
<u>Height and Width</u>	Height: 60 - 80m Width: 20 - 60												
<u>Roots</u>	Size: 20 – 40 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 1 - 2 years Rate: fast												
<u>Trunk</u>	–												
<u>Sun</u>	Full to part sun												
<u>Water</u>	10 - 15 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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7	8	9	10	11	12								

Grouping

Pelargonium zonal can be added to a grouping that attracts and transform **breeze and welcoming** effect. So the grouping will infill together from Layer 1 Pelargonium zonal (Special shrub) to give some **sparks** to the view and the grouping by its beautiful red color to Layer 2 Adiantum Pedatum (Pretty fern) will be added to give that **earthy** feeling by its green color to the grouping with the help of Layer 3 Bougainvillea (Decorative climber) that will offer some **pureness** to the grouping with the neutral white color it contains. For the texture the pelargonium zonal have got that curvy shape in its leaves and a smooth beautiful texture with the comb like leaves and smooth texture Adiantum Pedatum as well to the tissue feeling like that Bougainvillea offers binding this grouping according to their textures to achieve the **cozy and breeze** mood in the surrounding. Going to the scale and proportion that helped in forming the grouping as we can see that shrub kind of contains the same or somehow near heights to infill with each other and to feel the **movement** that offer together to rhyme with the **earth, warmth and beauty**. To sum up the grouping helped in attracting the eyes according to the red color (fire), Green (Earth), and White (Pureness) to transfer the **breeziness** mood.

Garden type:

This group can be added to a Mediterranean garden as the grouping can offer warmth to the garden.



Layer 1: Pelargonium Zonal



Layer 2: Adiantum Pedatum



Layer 3: Bougainvillea

shrub



Price: 45 L.E. per pot

Oasis mashtal in madinaty

Technical

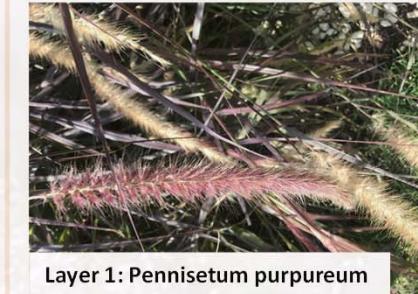
<u>Form</u>	Mound-forming, densely-tufted, deciduous perennial grass, often grown as an annual
<u>Foliage</u>	Size: 30 cm Upright, narrowly linear, flat or rolled, rough-textured, dark purple leaves
<u>Flower</u>	Crimson-shaded spikelets in plumed, long bristled, upright to nodding, narrow panicles
<u>Height and Width</u>	Height: 1 – 1.2 m Width: 1 m
<u>Roots</u>	Size: 30 - 40 m deep Fibrous root system
<u>Growth Rate</u>	Life span: 7 - 9 years Rate: Fast
<u>Trunk</u>	
<u>Sun</u>	Full sun
<u>Water</u>	8 – 10 liter a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Pennisetum purpureum can be added to a grouping that give out **warmth, rich, and bright mood**. So the grouping will stripe down from **Layer 1 Pennisetum purpureum** (Decorative perennial) that owns **softness, and calming** mood due to its pinkish color as for **Layer 2 Ipomea** (Decorative shrub) that offer some **creativity and richness** in the atmosphere according to its purple color going to **Layer 3 Gazania species** (Decorative perennial) that will bright up the place and as for its color it will transfer **warmness** to the place. So for the texture Pennisetum purpureum it owns a feathery texture that owns a soft feeling going to the ipomea with its smooth texture and Gazania species for its rough texture adds up the **richness** to the grouping that will create a little bit of variety to atmosphere. For the scale and proportion the grouping is organized to create a **cozy** feeling where you feel as if they are hugging each other to transfer to each other and the surrounding some **warmness** and to **brighten** up the atmosphere. To sum up the grouping merged the three color to tell that together they can give **peacefulness** as well as for their textures and how they are formed together to show **love and brightness** to reach out the **warmth and rich mood**.

Garden type:

This group can be added to a cottage garden as each layer owns a different color, texture and form to deliver brightness and warmth feeling.



Layer 1: Pennisetum purpureum



Layer 2: Ipomea



Layer 3: Gazania species

Technical

Price: 80 L.E

Gate 12 Rehab city mashtal

<u>Form</u>	Upright, bushy annuals and herbaceous perennials or low and mounting.												
<u>Foliage</u>	Size: 5 – 18 cm Alternate, ovate to lance-shaped, dark green leaves, shallowly to deeply lobed or pinnatisect.												
<u>Flower</u>	Clusters of five-petaled flowers across, consist of florets in variety of colors and shapes.												
<u>Height and Width</u>	Height: 1.5 – 2 m Width: 1.0												
<u>Roots</u>	Size: 30 – 50 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 3 – 5 years Rate: Fast												
<u>Trunk</u>	–												
<u>Sun</u>	Full to part sun												
<u>Water</u>	10 -15 liters a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

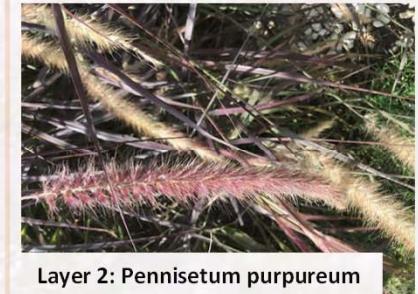
Pentas Lanceolate can be added in a grouping that gives the **romantic** and **affectionate** mood. So the grouping will infill from Layer 1. Bougainvillea (Decorative climber) that owns the neutral white color which offers **peacefulness** to the atmosphere going to layer 2 Pennisetum Purpureum (Decorative Perennial) by the pink color that delivers calm and **affectionate** feeling to Layer 3 Pentas Lanceolate (Decorative shrub) that will feel the air with **hope**. So the texture found in this grouping they all contain the smooth texture that gives **softness** and **pureness** to the surrounding. Going to the scale and proportion the grouping starts with the **peaceful** climber Bougainvillea that owns the highest level to the Pennisetum Purpureum that has the medium level that owns the feathery figure to the smaller level Pentas lanceolate that will fill the ground with **hope and warmth**. To sum up the grouping it is designed by colors that has nearly the same color scheme from which to light pink to a little darker pink that offers the surrounding with **romance** to the texture that gives **softness and coziness** to the scale and proportions that helped in organizing the main figure that achieved the moods **romantic**, and **affectionate mood**,

Garden type:

This group can be added to a Mediterranean garden and modern garden for different shapes and same color shading.



Layer 1: Bougainvillea



Layer 2: Pennisetum purpureum



Layer 3: Pentas Lanceolate

Technical



Price: 20 L.E per pot
Gate 12 Rehab city mashtal

<u>Form</u>	Evergreen, semi-climbing shrub with slender moderately branching stem.												
<u>Foliage</u>	Alternate, simple oblong 4-8 cm bright green blue gray touch												
<u>Flower</u>	Blue salver shaped in great profusion 4cm long terminal racemes, 15cm across.												
<u>Height and Width</u>	Height: 2-4.5 m Width: 1-3 m												
<u>Roots</u>	Fibrous root system 30-50 cm deep												
<u>Growth Rate</u>	Fast												
<u>Trunk</u>	----												
<u>Sun</u>	Full Sun												
<u>Water</u>	8 – 10 liters a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Plumbago capensis can be added to a grouping that will give **attraction** and **appealing** mood. So the grouping will cluster with each other by starting with **Layer 1 Plumbago capensis** (Decorative perennial) that by its light blue color give a **delightful** and **relaxing** feeling going to **Layer 2 Cycas** (Special Palm and shrub) that will add some **excitement** to the grouping by its glamourous green leaves color and brown trunk to **Layer 3 Lantana montevidensis** (Decorative perennial) that will appeal and provide a **hopeful** atmosphere by its marvelous purple color. As for the texture the plumbago capensis offers a smooth texture that gives **softness** to the grouping with the rough texture Cycas that will **attract** the eyes and final layer Lantana montevidensis that has a smooth texture as the Plumbago capensis to communicate together and deliver the **captivating** feeling. According to the Scale and proportion the form was organized during to the height of the shrubs where the plumbago can have a large height than the Cycas to the shorter height Lantana montevidensis. To sum up the grouping achieved in transforming the **attractive**, **appealing and captivating** by the use of some colors, form and texture to **overwhelming** and build a **hopeful** atmosphere.

Garden type:

This group can be added to a Mediterranean garden and modern garden because of the colors and form.



Layer 1: Plumbago capensis



Layer 2: Cycas



Layer 3: Lantana montevidensis

Technical

Price: 30 L.E
Gate 12 Rehab city mashtal

<u>Form</u>	Evergreen pyramidal, flowering small shrub
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<u>Foliage</u>	Size: 15.2- 30.5 cm Opposite, lance-shaped
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<u>Flower</u>	Vibrant blue flower, trumpet shaped, borne at the tips of the stems
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<u>Height and Width</u>	Height: 1 – 1.5m Width: 0.8 – 0.9 m
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<u>Roots</u>	Size: 30 - 50 deep Fibrous root system
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<u>Growth Rate</u>	Life span: 4 - 7 years Rate: Fast
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<u>Trunk</u>	–
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<u>Sun</u>	Full sun
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<u>Water</u>	8-10 liters a day
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<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12
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Grouping

Ruellia Brittoniana can be combined in a grouping that gives a **serious** and **extravagant** mood. So the grouping will cluster from Layer 1 **Ruellia Brittoniana** (Decorative Perennial) that

will transfer the **wise** look due to its purple color where it also will add a **creative** feeling to Layer 2 **Schefflera arboricola** (Decorative shrub) that will give the **seriousness** feeling because of the green color as well as the **pleasant** feeling due to the little bit of yellow in the leaves to Layer 3

Wedelia (Decorative perennial) to add the **delightful** mood yet the **focusing** mood. As for the texture the Ruellia Brittoniana that owns the rough texture to give the **significant** feeling with Wedelia too as it shares the same texture as for the Schefflera arboricola which gives a little bit of **softness** as it owns a smooth texture to calm down the grouping and to not make it feel aggressive. To the scale and proportion that is organized due to the heights of the shrubs from Ruellia brittoniana to schefflera arboricola to wedelia together the **balance** between **pleasant and extravagant**. To sum up the grouping tried to transfer the **focusing and seriousness** to the atmosphere where it can be placed in places that need some **focusing and seriousness** in working. So colors, textures, and formation provided the **serious and extravagant mood**.

Garden type:

This group can be added to a Formal garden where it delivers a pleasant and focusing feeling with colors and textures.



Layer 1: Ruellia Brittoniana



Layer 2: Schefflera arboricola



Layer 3: Wedelia

Technical

Price: 50 L.E

Gate 12 Rehab city mashtal

References: Azhar Plant Guidebook p.273

<u>Form</u>	Erect, evergreen, well branched shrub or tree												
<u>Foliage</u>	Size: 10 – 20 cm Palmette and glossy												
<u>Flower</u>	–												
<u>Height and Width</u>	Height: 2 - 3m Width: 1 - 2m												
<u>Roots</u>	Size: 30 - 50 deep Fibrous root system												
<u>Growth Rate</u>	Life span: 8-10 years Rate: Moderate												
<u>Trunk</u>	–												
<u>Sun</u>	Full to part sun												
<u>Water</u>	8-10 liters a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

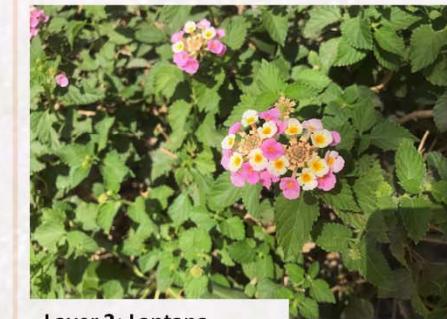
Schefflera arboricola can be added in a grouping that will transfer the **Delightful and showy mood**. So the grouping will cluster from **Layer 1 Schefflera arboricola** (Decorative shrub) that has a mix of green and yellow color to the **Layer 2 Lantana** (Decorative perennial) that has a pink and yellow color to rhyme with the first layer at to **catch the eyes** to the grouping to **Layer 3 Duranta erecta** (Decorative shrub) that owns the bright yellows green that as usual adds all the **spice and sparks** to the grouping to make it **outstanding and showing off**. As for the texture both schefflera arboricola and lantana that give the smoothness texture to show **elegancy** and Duranta Erecta that owns a mix between rough and smooth to **grab the attention** to the grouping. Going to the scale and proportion that is designed by the heights of the shrubs from Schefflera arboricola to Lantana to Duranta Erecta together they will **stand out** and to act as an eye catchy form. Overall the grouping reached out to the moods by using colors the goes with each other to give the **captivating mood** to the texture that two has the same texture to the third that has different texture but combine with both layers to scale and proportion that will offer the **delightful and showy mood** to the form.

Garden type:

This group can be added to a Mediterranean garden and modern garden to add the delightful mood.



Layer 1: Schefflera arboricola



Layer 2: Lantana



Layer 3: Duranta Erecta

Shrubs

Senecio cineraria

زناريا

Technical



Price: 20 L.E. per pot
Oasis mashtal in madinaty

<u>Form</u>	Low mound-forming, evergreen sub-shrub or shrub												
<u>Foliage</u>	Size: 15 cm Ovate, silvery-gray felted lance-shaped or elliptic shallowly to deeply incised												
<u>Flower</u>	—												
<u>Height and Width</u>	Height: 50 – 60 cm Width: 60 cm												
<u>Roots</u>	Size: 20 – 30 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 7 - 9 years Rate: fast												
<u>Trunk</u>	—												
<u>Sun</u>	Full sun												
<u>Water</u>	10 – 15 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Senecio cineraria can be added to a group that can give an **active and delicate** at the same time. So the grouping will stripe from **Layer 1** **Senecio cineraria** (Decorative perennial) that has an **elegant** silver color that can add some elegance to the grouping to the next **Layer 2** **Euryops pectinatus** (Decorative shrub) that during to its bright yellow color it will add an **energetic** mood to the surrounding t the final **Layer 3 Duranta erecta** (Decorative shrub) that has a scheme color from yellow to green that **rhyme** with both layers Senecio cineraria and euryops pectinatus. As for the texture senecio cineraria has a rough and solid texture that needs a little bit of **softness** from euryops pectinatus to calm down the roughness that senecio cineraria owns and as the duranta erecta has a smooth texture as well together they combined between the **soft and harshness**. To the scale and proportion that end up with form where we can see that they kind of owns same scale but stripe together to give the **active and delicate** form. To sum up the grouping tried to achieve the different moods by playing on the colors that comes from each other to the texture that works together to the scale and proportion that let them as they share nearly same scale to combine between **active and delicate**.

Garden type:

This group can be added to a Mediterranean garden because of the colorful active and delicate mood that the grouping will offer to the garden.



Layer 1: Senecio cineraria



Layer 2: Euryops pectinatus



Layer 3: Duranta Erecta

Solenostemon Scutellarioides



Price: 45 L.E. per pot
Oasis mashtal in madinaty

Technical

<u>Form</u>	Finely Hairy evergreen sub shrub bushy erect to spreading perennial												
<u>Foliage</u>	Size: 2.5 – 15 cm Semi-succulent with opposite hairy ovate toothed multi colored leaves												
<u>Flower</u>	–												
<u>Height and Width</u>	Height: 0.7 – 0.9 m Width: 0.9 m												
<u>Roots</u>	Size: 30 – 40 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 3 - 5 years Rate: fast												
<u>Trunk</u>	Single or multi trunk												
<u>Sun</u>	Full to part sun												
<u>Water</u>	liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Solenostemon scutellarioides can be added in a grouping that identify it nature by using **Harmony, and freshness** mood. So the grouping will infill with each other by starting with **Layer 1 Solenstemon Scutellarioides** (Pretty shrub) as it contains a **reliving** color the mix between a maroon with green color with the addition of **layer 2 Schefflera arboricola** (Pretty shrub) that contain fresh green color that contain **pleasant** effect to **Layer 3 Duranta erecta** (Decorative shrub) that contain the yellow green color to add some **cheeriness** to the grouping. As for the texture they contain the same texture but different looks and movement but together they achieved the **harmony** feeling. According for the scale and proportion sent the form to another level where there is a little bit of different height but they **rhymed** together as each one has different shape from Solenostemon Scutellarioides a toothed shape leaves, Schefflera arboricola the round shape leaves and duranta erecta sharp edges. So the grouping achieved to **rhyme** together from color that scheme from each other to give the **freshness mood**, to the textures that gives **pleasant feeling** and formation the rhyme to offer the **harmony** that we can see in this grouping.

Garden type:

This group can be added to a Mediterranean garden and formal garden as it can harmonize and add a remarkable view to the gardens.



Layer 1: Solenostemon Scutellarioides



Layer 2: Schefflera arboricola



Layer 3: Duranta Erecta

Shrubs

Technical

Price: 20 L.E. per pot
Oasis mashtal in madinaty

<u>Form</u>	Erect evergreen shrub with slender stems that can be climber or upright tree
<u>Foliage</u>	Size: 15 cm Compound, mid-green diamond shape, serrated leaflets semi deciduous
<u>Flower</u>	Racemes, tubular, orange, yellow, scarlet-red.
<u>Height and Width</u>	Height: 1.5 – 2 m Width: 1.2 – 1.5 m
<u>Roots</u>	Size: 30 – 50 m deep Fibrous root system
<u>Growth Rate</u>	Life span: 15 - 20 years Rate: Moderate
<u>Trunk</u>	Branched, soft stem
<u>Sun</u>	Full sun
<u>Water</u>	10 – 15 liters a day
<u>Bloom months</u>	1 2 3 4 5 6 7 8 9 10 11 12

Grouping

Tecomaria can be combined in a grouping that will give it a **greatness** to show its **strength and endurance**. So the grouping will stripe from Layer 1 Tecomaria (Decorative shrub) with its marvelous bright orange color that shows **happiness and powerful** to Layer 2 Ipomea (Decorative shrub) that will provide the grouping with **regality and respect** to Layer 3 Vinca (Decorative Perennial) that will add **neutralization** to the grouping by it pure white color. As for the texture they share the same percentage of smoothness which will transfer an **overwhelming** effect. Going to the scale and proportion the grouping height and form add a **greatness and tolerance** with their heights and how each layer own its own form from the diamond shaped tecomaria to the rounded shape ipomea to the final layer the oblong ovate shape of vinca. Overall the grouping wanted to help tecomaria to **shine** and give it an outstanding look to thunder between them ipomea and vinca. The form as each one was able to prove itself and not to hide each other but to lighten up and give importance to the grouping although each layer tecomaria, ipomea and vinca each own a different height and same texture as they where able to give us the feeling of **strength and endurance**.

Garden type:

This group can be added to a Mediterranean garden for its colorfulness and also in formal garden for it powerful and royalty.



Layer 1: Tecomaria



Layer 2 : Ipomea



Layer 3 : Vinca

Thevetia peruviana

Price: 110 L.E

Oasis mashtal in madinaty

Technical

<u>Form</u>	Evergreen medium, erect, open shrub or small tree with bright yellow-orange flowers												
<u>Foliage</u>	Size: 1 – 1.5 cm Bright green, arrow shaped, narrow, lanceolate, leathery												
<u>Flower</u>	Yellow-orange, bell-shaped, narrow, lanceolate, leathery												
<u>Height and Width</u>	Height: 3 – 5 m Width: 1.5 – 3 m												
<u>Roots</u>	Size: 40 – 60 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 60 – 70 years Rate: Fast												
<u>Trunk</u>	Multi trunk												
<u>Sun</u>	Full sun												
<u>Water</u>	40 -50 liter a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td> </tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Thevetia peruviana can be combined to a grouping that deliver an **enthusiastic** and **entertainment** mood. So the grouping will cluster from **Layer 1 Thevetia peruviana** (Decorative shrub) has a unique color the pinkish orange that gives a bright salmon color which fill the surrounding with **energy** feeling to **Layer 2 Wedelia** (Decorative perennial) that adds up some **Lively** mood by the help of the yellow color that brighten up the mood and offer **happiness** to the grouping as **Layer 3 Pentas Lanceolate** (Decorative shrub) that will **calm** the grouping a little bit so it won't be to much and to bright by its beautiful pink color. As for the texture they all together add **harmony** together and to the surrounding as it gives a beautiful texture as a result the combination between smooth and rough to make you feel the **enthusiasm**. According to the scale and proportion which created a **movement** from thevetia peruviana to wedelia to Pentas lanceolate to give the entertaining mood to watch the movement and transformation from a shrub to shrub. Overall the grouping combined to transfer the **happiness** and to **entertain** the viewers while walking through the garden and watch the movement in color, texture, and formation.

Garden type:

This group can be added to a Mediterranean garden because of the colorful enthusiastic mood that the grouping will offer to the garden.



Layer 1: Thevetia peruviana



Layer 2: Wedelia



Layer 3: Pentas Lanceolate



Price: 75 L.E

Gate 12 Rehab city mashtal

Technical

<u>Form</u>	Woody-based, fleshy, evergreen, perennial, erect at first, then spreading, has stiff and slightly untidy stems												
<u>Foliage</u>	Size: 5 cm Opposite, oblong-ovate, glossy mid to dark green leaves												
<u>Flower</u>	Silverform, white, pink, red, or orange, singly produced from upper leaf axils												
<u>Height and Width</u>	Height: 0.7 – 1.0 m Width: 0.3 – 0.6 m												
<u>Roots</u>	Size: 30 – 40 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 2 - 3 years Rate: Fast												
<u>Trunk</u>	–												
<u>Sun</u>	Full sun												
<u>Water</u>	8 – 10 liters a day												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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7	8	9	10	11	12								

Grouping

Vinca can be added to a grouping that offers the **purity** and **innocence** mood. So the grouping will start to infill from **Layer 1** *Adiantum Pedatum* (Pretty fern) that will add some **freshness** to the grouping due to its marvelous green color to the main **Layer 2** *Vinca* (Decorative Perennial) that represents **pureness** and **clean** according to its white color to the addition of **Layer 3 *Plumbago capensis*** (Decorative Perennial) that will add some **breeziness** and **purity** to the grouping and atmosphere because of the help of its light blue color. As for the texture Adiantum pedatum offer its comb like structure that has smooth texture as well as vinca and plumbago capensis that also share the same texture as adiantum pedatum all together they offer **softness**. According to the scale and proportion adiantum pedatum is placed in the first layer as it contains a higher height than vinca and plumbago which both kind of share near heights by giving the ending result the **purity** and **calmness** as they form the perfect shape together. To sum up the grouping have reach the aim of the moods by using the help from the colors which delivers **innocence**, texture that offers **coziness** and formation that provides **calmness** to deliver the **purity** to the surroundings.

Garden type:

This group can be added to a Mediterranean garden and formal garden as it can serve both garden with its moods and form.



Layer 1: *Adiantum Pedatum*



Layer 2: *Vinca*



Layer 3: *Plumbago capensis*

Wedelia



Price: 20 L.E per pot

Gate 12 Rehab city mashtal

Technical

<u>Form</u>	Creeping evergreen, herbaceous perennial, rooting at the leaf nodes and spreading widely												
<u>Foliage</u>	Size: 13cm Elliptic or obovate, mid to dark green leaves												
<u>Flower</u>	Solitary, daisy like, yellow flowerheads												
<u>Height and Width</u>	Height: 0.5 – 0.6 m Width: 1 – 2 m												
<u>Roots</u>	Size: 20 – 30 cm deep Fibrous root system												
<u>Growth Rate</u>	Life span: 12 – 15 years Rate: fast												
<u>Trunk</u>	Single or multi trunk Smooth bark												
<u>Sun</u>	Full to part sun												
<u>Water</u>	8 – 10												
<u>Bloom months</u>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr> <td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12
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Grouping

Wedelia can be combined in a grouping that will deliver **enchanting** and **captivating** mood. So the grouping will stripe from **Layer 1 cestrum Nocturnum** (Decorative shrub) that will offer **appealing** effect due to its green color to the main **Layer 2 wedelia** (Decorative perennial) that will offer a **delightful** mood with the help of its yellow color with **Layer 3 Acalifa** (Decorative shrub) that owns the reddish brown color that **attract** due to different color. So the texture for Cestrum Nocturnum that owns a smooth texture with wedelia that has medium texture as well as acalifa that rhyme together to **captivate** and **attracts** the viewers by different texture found in the grouping. As for the scale and proportion Formed the grouping from the largest shrub Cestrum Nocturnum to medium height shrub wedelia to small somehow groundcover shrub together they formed the figure that **appeal** and **engaging** effect. To sum up the grouping have reached to apply the moods by using the help of colors that follow each other from green to yellow to reddish brown to give the **enchanting** mood to the texture that offers different types combined together to **attracts** the eyes to the formation of the grouping from largest scale to the smallest one to organize and reach the **captivating** mood.

Garden type:

This group can be added to a Mediterranean and cottage garden where it will offer different colors and textures.

Wedelia



Layer 1: Cestrum Nocturnum



Layer 2: Wedelia



Layer 3: Acalifa

Shrubs