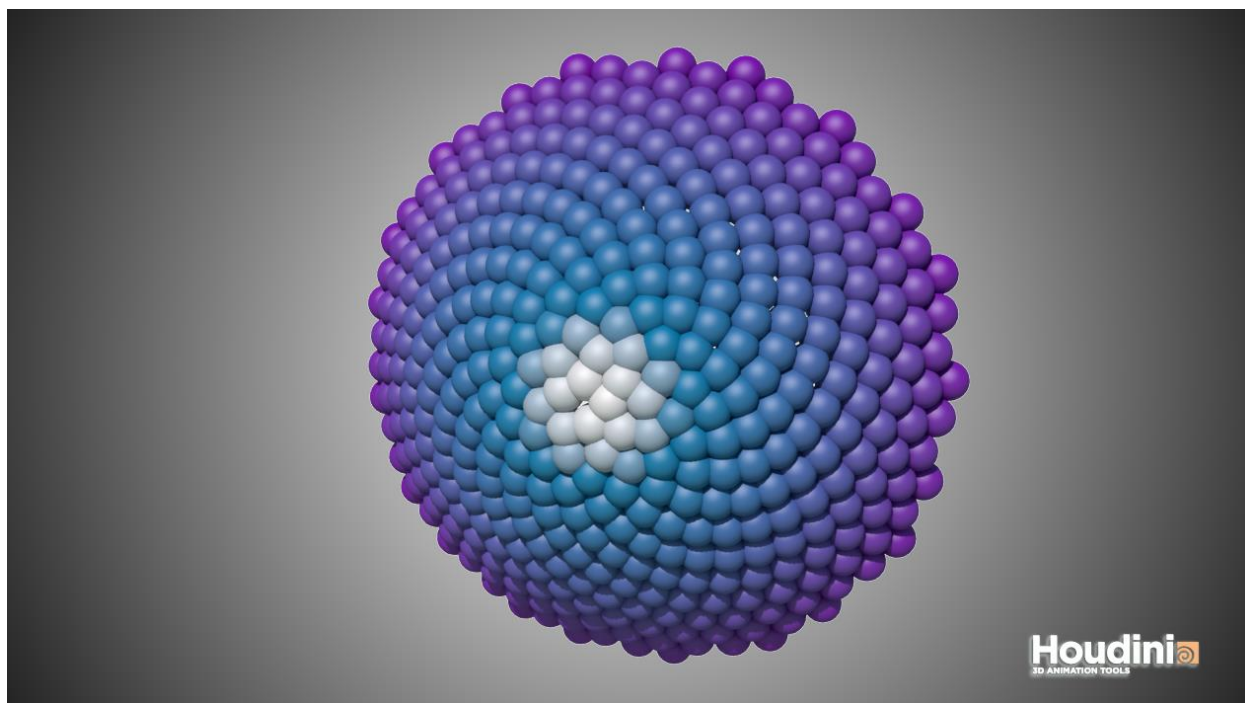


Zandria Ross

VFX 350 | Spring 2017 | Professor Deborah Fowler

Exercise 1: Phyllotactic Pattern



Render Resolution: 1280 x 720

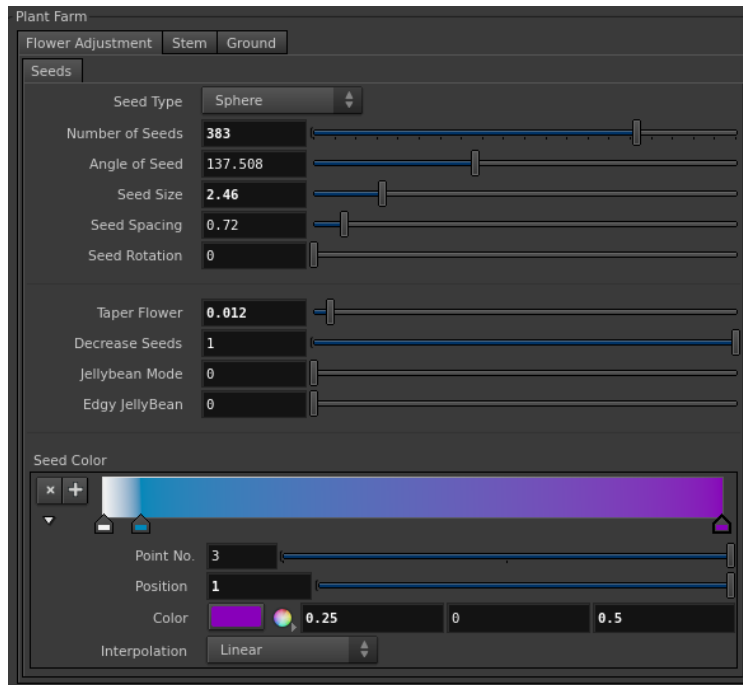
Render Time: ~2 minutes

Noise Value: 0.01

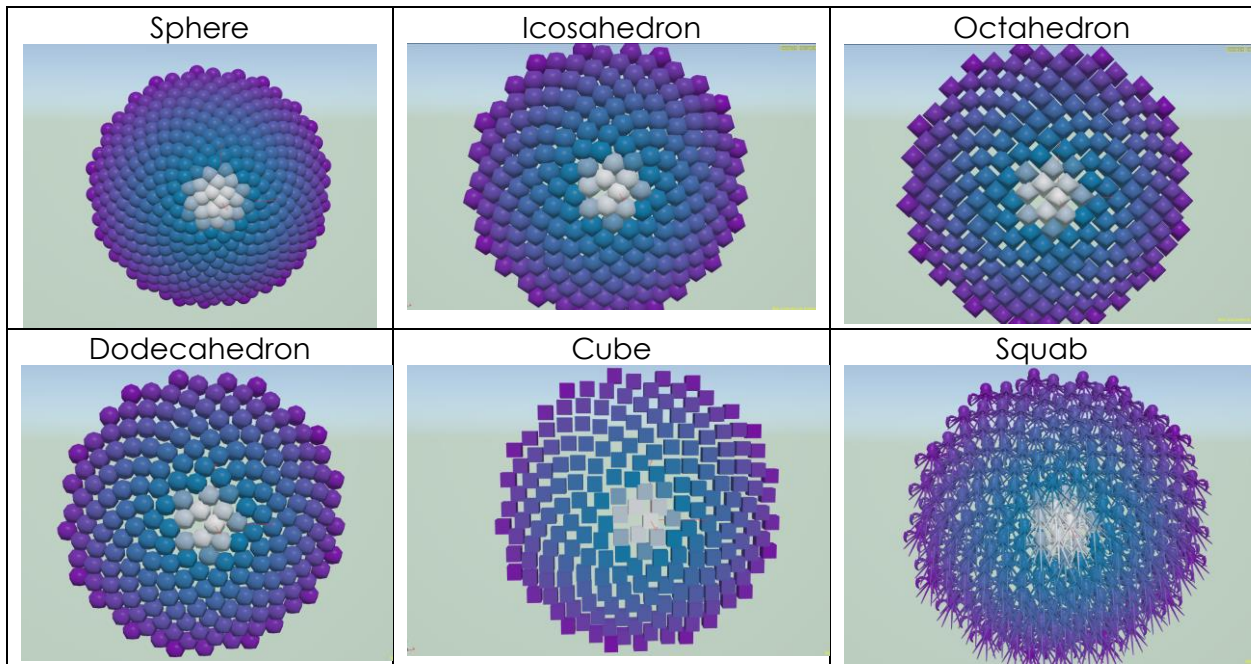
Min/Max Samples: 16 x 32

Lights in Scene: 2

Flower Adjustment Tab



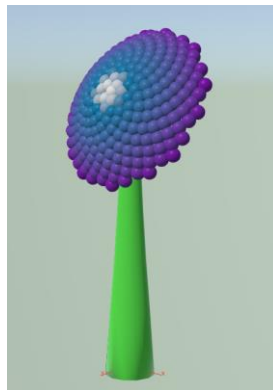
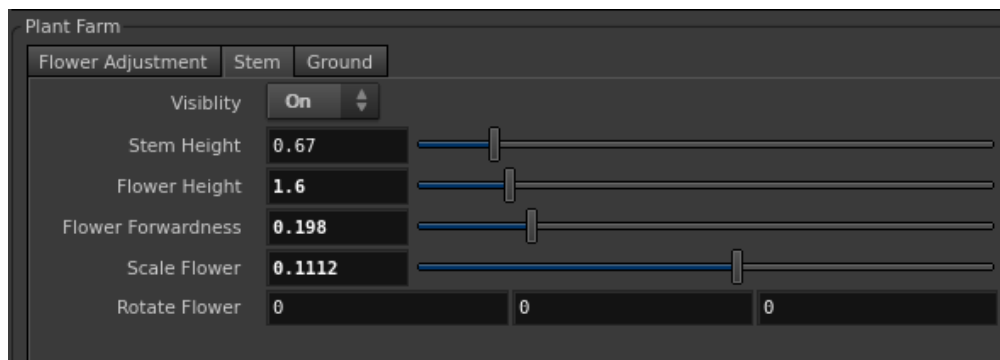
Seed Types



Parameter	Description
Number of Seeds	Total number of florets" in the pattern
Angle of Seed	Controls the Golden Ratio
Seed Size	Scales up or down the size of first instanced seed

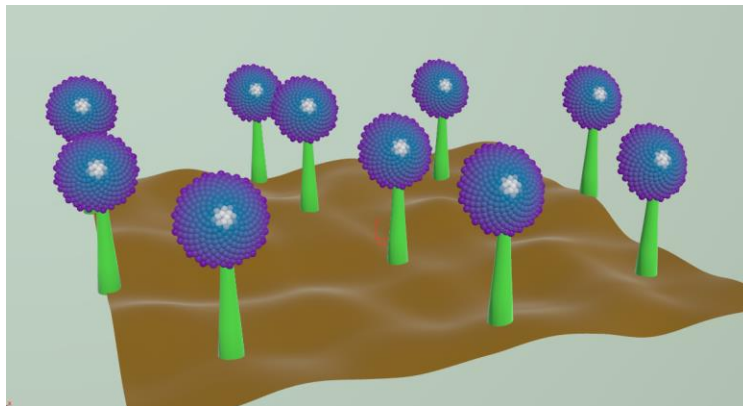
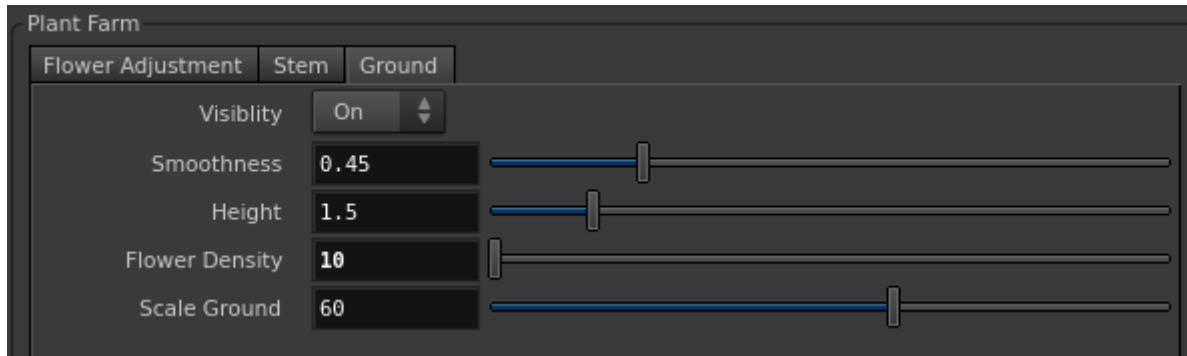
Seed Spacing	How far apart each seed is from each other
Seed Rotation	Rotate the direction the seeds are facing
Taper Flower	Bend back or forward the face of the flower
Decrease Seed	Gradually decreases each seed
Jellybean Mode	Control how wavy the "florets" are
Edgy Jellybean	The "florets" become spiky
Seed Color	Control the gradation of the Flower

Stem Tab



Parameter	Description
Stem Height	Control the height of the Stem
Flower Height	Control the height flower
Flower Forwardness	Bring the flower forward
Scale Flower	Scale overall size of flower
Rotate Flower	Rotate flower around stem

Ground Tab



Parameter	Description
Smoothness	Control softness of the ground
Height	Control height of the ground/hills
Flower Density	Control amount of flowers placed in the scene
Scale Ground	Control size of ground