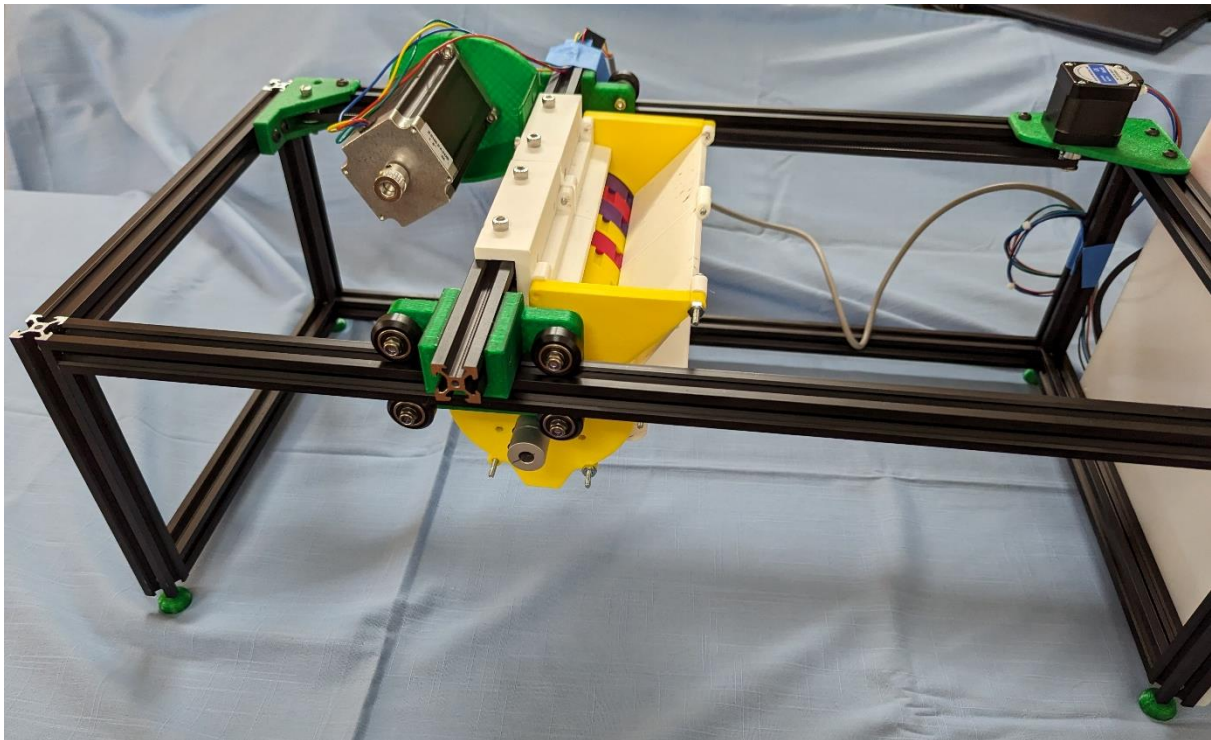




Microgreen Seed Planter



Seed Accuracy

Sorrel 34g ± 0.7g Cilantro 22g ± 0.2g

Main Components

Purchased Components	Qt	Total Cost
2020 Extrusion 200 mm	4	\$9
2020 Extrusion 300 mm	4	\$12
2020 Extrusion 600 mm	3	\$17
2020 Extrusion 400 mm	1	\$4
Nema 23 Stepper Motor	1	\$30
Nema 17 Stepper Motor	1	\$10
GT-2 6mm belt	1	\$3
GT-2 6mm belt closed 280mm	1	\$4
Stepper Motor Driver	2	\$40
Arduino microcontroller	1	\$25
Solenoid Valve	1	\$14
Relay	1	\$3
Nozzles and Fittings	1	\$25
Pulleys	4	\$7

3D Printed Parts	Qt	Total Cost
Roller Disc	10	\$14
Chute	2	\$13
Wall	2	\$4
Nema 23 Motor Mount	1	\$1
Nema 17 Motor Mount	1	\$1
Idler Mount	1	\$1
Belt Harness	1	\$1
Leveling Foot	4	\$1
Carriage	2	\$3

Component list does not include fasteners and other connectors.