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Donald Danforth Plant Science Center Plant Growth Core Facility

RRID:SCR_024902 Type: Tool

Proper Citation

Donald Danforth Plant Science Center Plant Growth Core Facility (RRID:SCR_024902)

Resource Information

URL: https://www.danforthcenter.org/our-work/core-facilities/plant-growth/

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Description: Core offers scientists variety of advanced plant growth spaces and expert horticultural services. This includes Greenhouse Complex, Growth Chamber facility and Headhouse space. Greenhouses are designed for cultivation and containment of research crops, including regulated and protected plant materials. All greenhouses are environmentally controlled for temperature, humidity and light levels, and have automated irrigation and nutrient delivery capability using Argus Control Systems. Many houses have 14 to 20 ft sidewalls for growing taller crops, as well as in-floor heating, height-adjustable light canopies and automated irrigation capabilities. Over 95% of the greenhouse complex utilizes high intensity, energy-efficient horticultural LED lighting. Plant Growth Facility has multiple special-use work spaces including potting areas, seed processing, seed storage coolers, plant drydown and soil handling rooms, autoclave, fertigation/utility rooms, as well as general storage space. Core is also responsible for managing Seed Storage coolers housing Danforth Center Institutional Seed Collection.

Synonyms:, Donald Danforth Plant Science Center DDPSC Plant Growth Facility, DDPSC Plant Growth Facility

Resource Type: service resource, core facility, access service resource

Keywords: ABRF, plant growth services, horticultural services, seed storage,

Funding:

Availability: Open

Resource Name: Donald Danforth Plant Science Center Plant Growth Core Facility

Resource ID: SCR_024902

Alternate IDs: ABRF_2607

Alternate URLs: https://coremarketplace.org/?FacilityID=2607&citation=1

Record Creation Time: 20240120T050237+0000

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Ratings and Alerts

No rating or validation information has been found for Donald Danforth Plant Science Center Plant Growth Core Facility.

No alerts have been found for Donald Danforth Plant Science Center Plant Growth Core Facility.

Data and Source Information

Source: <u>SciCrunch Registry</u>

Usage and Citation Metrics

We have not found any literature mentions for this resource.