

## Asparagus FuzzyFern™ Frizz

(*Asparagus densiflorus* "Sprengeri")

Annuals Culture (revised 02/15/23)

### Reliable supply of higher-quality seed for a foliage staple

With a demand for *Asparagus densiflorus* 'Sprengeri' in the market and minimal seed available, we set our sights on improving supply with FuzzyFern Frizz! This asparagus fern saves growers money, space and grief by providing a more reliable supply of seed with higher germination. Plus, it brings a fun texture to mixed containers, hanging baskets and indoor planters.

**Plug crop time:** 7 to 9 weeks

**Transplant to finish:** 14 to 16 weeks, 4-in./10-cm pot, quart/11-cm pot

- Provides a more reliable supply of *Asparagus densiflorus* 'Sprengeri' seed with higher germination.
- Higher germination provides growers with a money-saving option to produce a reliable plug with fewer seeds.
- Frizz brings a fun texture to mixed containers, hanging baskets, indoor applications, and even landscapes in some regions.
- This trailing foliage item can handle both sun and shade plus indoor and outdoor use for more versatility.

## General Information

Exposure	Bloom Season	Height	Spread	Spacing
Partial Sun	Late Spring, Summer, Late Summer	24-36 in. (61-91 cm)	24-36 in. (61-91 cm)	

## Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days from 50% to maximum germination	Initial Media pH/EC (1:2)	Cover Seed
RAW	128	3	7-9	14-30	5.8-6.2 pH 0.5-0.75 mmhos/cm	Yes
	72	5-7	7-9			

## Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 4-5			
<b>Temperature</b>	72-82°F (22-28°C)	72-75°F (22-24°C)	68-72°F (20-22°C)	65-68°F (18-20°C)
<b>Light</b>	Dark	4-6 mol·m <sup>-2</sup> ·d <sup>-1</sup> 500-1,000 f.c. (5,400-10,800 Lux)	6-8 mol·m <sup>-2</sup> ·d <sup>-1</sup> 1,500-2,500 f.c. (16,100-26,900 Lux)	8-10 mol·m <sup>-2</sup> ·d <sup>-1</sup> 3,000-4,000 f.c. (32,300-43,100 Lux)
<b>Fertiliser</b>		Less than 100 ppm N (Less than 0.7 EC)	Less than 100 ppm N (Less than 0.7 EC)	Less than 100 ppm N (Less than 0.7 EC)

## Propagation Key Tips

Requires dark for germination. Dibble and bury seed into media is recommended. Seeds take a long time to germinate, so please be patient. High temperatures of 78-80°F (26-27°C) and high humidity (60-80% RH) will help with quicker and more uniform germination. Seedlings can be grown on the dry side after Stage 2 as tuberous roots develop. There is no major response to plant growth regulators.

## Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 65-70°F (18-21°C) (night) 60-65°F (16-18°C)	5.5-6.2 pH 1.5-2.0 mmhos/cm	150 to 175 ppm N (1.0 to 1.2 EC)	-

## Crop Scheduling

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Container Size	Plugs/Pot	Crop Time	Season	PGR
306 Pack/1801	1 (ppp)	10-12 (weeks)	Spring	-
3"/8 cm	1 (ppp)	13-14 (weeks)	Spring	-
4"/4.5"/Quart/10 cm	1-2 (ppp)	14-15 (weeks)	Spring	-
5"/6"/1 Gallon/15 cm	1-3 (ppp)	16-18 (weeks)	Spring	-
10" Pot or HB/3 Gallon/25 cm	3 (ppp)	22-24 (weeks)	Spring	-
12" Pot or HB/5 Gallon/30 cm	3-4 (ppp)	24-26 (weeks)	Spring	-
14" Pot or HB/7 Gallon/36 cm	3-5 (ppp)	26-28 (weeks)	Spring	-

### Fertiliser Notation

Feed at every irrigation with 150-200ppm alternating between 20-10-20 and 15-0-15.

### Chemical Sensitivity

There is no major response to plant growth regulators.

### Common Problems

Insects: Aphids, Thrips, Mealy Bugs Diseases: Leaf Spot, Root Rot, Crown Rot, Leaf Drop in indoor settings.

### Finishing Key Tips

Plants can be finished at lower or much higher temperatures, but do keep temperature above 55°F (13°C) for the fastest growth. Plant growth regulators or physical pinching are not recommended.

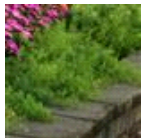
NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

## Variety Pictures

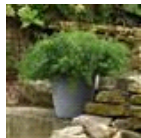
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