

## Herb (Basil) Newton

(*Ocimum basilicum*)

Vegetables Culture (revised 11/27/18)

- Fast-growing variety with traditional Genovese flavour features high resistance to Fusarium.
- Unlike similar varieties, Newton does not have a licorice aftertaste, appealing to a wide range of consumers.
- Large, bright green, crinkled leaves are great for vegetable wraps and fresh chopped herbs.

### General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Spring, Late Spring, Summer, Late Summer	12-20 in. (30-51 cm)	10-16 in. (25-41 cm)	8-12 in. (20-30 cm)

### Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
RAW	288	6-10	3-5	2-4	5.5-5.8 pH 0.75 mmhos/cm	Yes

### Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 4	Level 3-4	Level 2-3	Level 2-3
<b>Temperature</b>	68-74°F (20-23°C)	65-70°F (18-21°C)	65-70°F (18-21°C)	62-65°F (17-18°C)
<b>Light</b>	Optional	1,000-2,500 f.c. (10,800-26,900 Lux)	1,000-2,500 f.c. (10,800-26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)
<b>Fertilizer</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	100 to 175 ppm N - 0.7 to 1.2 EC

### Propagation Key Tips

Can be directly sown into final container.

### Growing on to Finish

Growing on Temperature	Target Media pH/EC	Fertilizer	Daylength
(day) 65-70°F (18-21°C) (night) 62-65°F (17-18°C)	5.5-6.2 pH 1.0 mmhos/cm	100 to 175 ppm N - 0.7 to 1.2 EC	-

### Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
Cell Pack	1 (ppp)	3-4 (weeks)	Spring	-
4"/4.5"/Quart	1 (ppp)	3-4 (weeks)	Spring	-
5"/6"/1 Gallon	1-3 (ppp)	4-5 (weeks)	Spring	-

### Finishing Key Tips

Seed can be directly sown into finish containers.

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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Newton

PanAmericanSeed™

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