



GrowerFacts Extra
Perovskia Bluesette
Additional Culture Research
from

PanAmerican Seed®

Perovskia Bluesette

Propagation and Finishing Presented, published 2022

PanAmericanSeed.

OBJECTIVE

To determine the propagation and finishing for Perovskia Bluesette.

MATERIALS AND METHODS

- 288/1 : 288 plug at 1 seed/plug
- 180/4 : 180 plug at 4 seeds; 72/4 : 72 plug at 4 seeds



Perovskia Bluesette

Plug Growing Habit Compared with Blue Steel, published 2022

KieftSeed™

PERENNIALS

Perovskia Bluesette plugs are genetically more compact than Blue Steel.

Perovskia Bluesette

Perovskia Blue Steel



Elburn May 2020 ; 288 tray ; 1 sd/cell; 6 weeks, no PGR; no Pinch

Perovskia Bluesette

Plug PGR Response, published 2022

KieftSeed™

PERENNIALS

PGR is optional to compensate for climate
If necessary, Daminozide (Alar/B9) 1-2 sprays at 1500 ppm can be used

2x B9 2500ppm

2x B9 1500ppm

Control



Elburn May 2020 ; 288 tray ; 1 sd/cell; 6 weeks, no pinched

Perovskia Bluesette

Daylength Response, published 2022

KieftSeed™

PERENNIALS

Bluesette is a facultative long day plant but can flower at 10 hours without significant delay from 14 hours

Daylength					
10	12	13	14	16	NI
Days to 50% Flower from sowing					
129	124	122	124	114	116



Perovskia Bluesette

Finish PGR Response, published 2022



PERENNIALS

PGR may not be needed. If necessary, daminozide 1500ppm spray can be used.

3x B9 2500ppm 3x B9 1500ppm Control



Qt 1ppp pinched, from 288 cell, 1spc, plug B9 1500ppm

3x B9 2500ppm 3x B9 1500ppm Control



Gal 3ppp pinched, from 288 cell, 1spc, plug B9 1500ppm

Perovskia Bluesette

Pinch Response, published 2022

KieftSeed™

PERENNIALS

Pinch is not recommended as it shows small effect and delay flower for about 1-2 weeks.

Pinched

Non-Pinched



Qt 1ppp, from 288 cell, 1spc,

Pinch was
done at 6-7
leaf stage to
leave 4 nodes.

Pinched

Non-Pinched



Gall 3ppp, 288 cell, 1spc,

Perovskia Bluesette

Comparison with commercial varieties, published 2022

KieftSeed™

PERENNIALS

Perovskia Bluesette has a dense compact habit, and tight strong color



Blue
Steel

Bluesette

Lacey
Blue

Little Blue
Spire

Denim 'n
Lace

Perovskia comparison Sd and Veg in 2 Gallon Santa Paula 18June2021 wk24
4 ppp; 11WAT; Non-Pinched; No PGR;

Perovskia Bluesette

Forcing program, published 2022

KieftSeed™

PERENNIALS

Forcing for week 18

- Sow week 50-51
- ADT 68F(20C), natural daylength, and $DLI > 10 \text{ mol} \cdot \text{m}^{-2} \cdot \text{d}^{-1}$
- Optional 2 x PGR Alar 1500 ppm, No pinch required
- Better choice than Blue Steel in northern area

Forcing for week 35

- Sow week 19-20
- ADT 70-72F (21-22C), natural daylength
- No pinch

Perovskia Bluesette

Finishing Scheduling, published 2022



PERENNIALS

Finishing Programs from 288 plug size for different seasons

Average Daily Temp $\geq 68^{\circ}\text{F}/20^{\circ}\text{C}$

	Week 18	Week 26	Week 35
Weeks for Quart	12	10	10
Weeks for 1 Gallon	12-13	10-11	10-11
Weeks for 2 Gallon	13-14	11-12	11-12