



## Comparing Styrogrit to conventional stone grits.

Styrogrit is an entirely new kind of seed cover with superior performance that leads to better germination and higher yields. Excellent results have been reported in field trials comparing Styrogrit to conventional stone grits:

- Faster germination by 2-3 days
- Germinants are healthier and more vigorous
- Greater germination capacity (stone-gritted blocks have 15% more empties)
- More mycorrhizae on the plugs
- Excellent germination even during temperature extremes (Styrogrit creates a buffer around the germinating seed)



Put the latest innovation in seed covers to work for your business

# Styrogrit™



## Contact us today

Call our grower specialists to discuss how our Styrogrit can help you revitalize your nursery.

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Toll Free: **1-888-453-5961**

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Email: **[growerinfo@beaverplastics.com](mailto:growerinfo@beaverplastics.com)**

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printed in canada  
11.06 (22)



*propagation tray manufacturer*



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## Superior alternative to stone grit

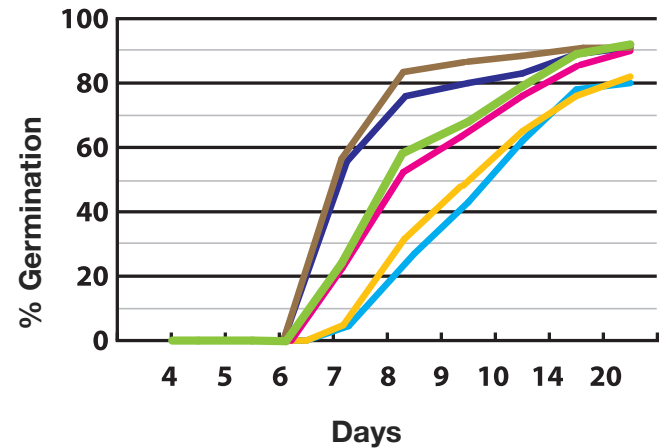
Styrogrit is an inert product made from expanded polystyrene. Key characteristics include:

- Bulk density of 34 lbs/ft<sup>3</sup> (compared to 92 lbs/ft<sup>3</sup> for stone grit)
- Angular particle shape Consistent particle size
- Non-porous
- Various colours (beige, grey, green, blue)
- Dust-free for easy handling
- Durable – stands up to irrigation, does not break down through the growing season

WE LIFTED THE STYROGRITTED SEEDLINGS FALL 2003 AND DISCOVERED AN UNUSUALLY HIGH AMOUNT OF MYCORRHIZAE ON THE PLUGS. THIS WAS HARD TO QUANTIFY BUT VISUALLY NOTICEABLE.



## Seed cover trial \_ SX#61037



- Control – (no seed cover)
- Low-volume stone grit
- Medium-volume stone grit
- High-volume stone grit
- Peat – (with no seed cover)
- Styrogrit

## Test results are conclusive

Styrogrit seed cover was tested in a winter field trial at Canfor's J.D. Little Forest Centre in Prince George, BC. The trial involved six different treatments on germinating spruce seed under controlled conditions in the lab:



- Control – no seed cover (seed sitting on tissue)
- Low-volume stone grit (0.5 cm depth)
- Medium-volume stone grit (0.75 cm depth)
- High-volume stone grit (1.0 cm depth)
- Peat – seed sitting on peat with no seed cover
- Styrogrit

## A name you can trust

Since 1967, Beaver Plastics has been developing and manufacturing high-performance expanded polystyrene products. Our products are used in the horticulture, silviculture, construction and packaging industries. Our focus is on customer-driven new product development and excellence in quality and service.



Beaver Plastics operates state-of-the-art manufacturing facilities. Widely recognized as the quality leader in all our markets, Beaver Plastics was the first manufacturer of expanded polystyrene products in North America to achieve ISO9001 certification.



The results point to the superior qualities of Styrogrit



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