

In The Box



- Grassinator™
- 12VDC power supply
- Power supply extension cable
- Potter's needle
- Cork for needle tip storage
- Lid with mesh screen
- Extra solid lid for grass storage

Safety First!

The Grassinator™ has been designed to be safe and to make your modeling more enjoyable, make sure to follow these precautions when operating. Keep the Grassinator™ away from children, it is not a toy.

The Grassinator™ can produce a static spark when in use, take all necessary precautions if you use a pacemaker or similar medical device. Do not put your hand or any foreign object in the plastic grass container when the unit is plugged in or powered up.

Keep away from all liquids, flammable liquids or gasses when in operation. As with all electrical devices, keep liquid and moisture away from the unit. Turn off and unplug when not in use.

A Little Light Reading

Back in 2008 when Raildig.com was Ztrains.com we built our first static grass applicator and coined the name Grassinator™.

Some of the little touches we have incorporated into the current Grassinator™

We use high-grade silicone wire throughout our build to provide superior insulation.

The Grassinator™ uses a custom cut 1/8th inch solid aluminum disc to generate a very even static field.

We use Furniture Grade PVC in our build, not your typical home center PVC. This is the same material used to build worktables, bike racks and, of course, furniture!

We've included an extra solid lid for your grass container, makes storing your Grassinator™ less messy when there's still grass in the container.

Use the included cork stopper when storing the potter's needle, that puppy is sharp!



the Grassinator™

The Grassinator™ is a static grass applicator designed to help you get the best possible results when applying static grass to your scenic projects.

The Grassinator™ generates a 15kV DC negative charge on the custom-cut aluminum disc mounted inside the grass container. An opposing positive charge is carried down through the silicone grounding wire to the alligator clip. Electricity flows from negative to positive and once power is applied we have nice direct path for your static grass to travel and to land vertically, just like real grass.

We decided to power the Grassinator™ with the included 12V DC power adapter rather than with a battery because it provides absolutely consistent power without worrying how much juice your battery has left.

To make sure you have the freedom to move around when grassing, we've also included a 10' extension cable for your 12V DC adapter's 3' long cable. This gives you a total of 13' of freedom from wall wart to Grassinator™.

How To Apply Grass

- 1 Add static grass** to the grass container filling it about half full. You don't want to pack the grass in too densely.
- 2 Brush a coat of white glue** (Elmer's is fine) on the area where you want your grass applied.
- 3 Attach the alligator clip** to the potter's needle, right under the wood handle works best. Stick the needle into the scenery through the coat of glue.
- 4 Turn on the lighted power switch** at the top of the Grassinator™ then give the unit a slight shake, or even a tap with your finger, keeping the grass container as close to the wet glue / scenery as possible.
- 5 Let it dry!** There's always the temptation to touch or tweak things in modeling before they're dry (why is that?), fight the urge!
- 6 Once dry the glue is dry** you can use a small shop vac with a stocking over the end of the hose / nozzle to collect the excess static grass for next time.

Some Useful Tips

The Grassinator™ works well with all static grass sizes from 2mm up to 12mm, currently the longest static grass on the market.

Attaching the alligator clip to the potter's needle right under the wood handle makes moving around your layout a breeze.

We've tested the Grassinator™ with different sized screen mesh, even tapered nozzles, and found these really don't have much of an effect on the results. **The most important thing is to keep the grass container as close as you can to the scenery surface, maximizing the effect of the static charge.**

We do have a pair of accessory lids available with different sized holes using the same sized mesh screen. These accessory lids let you more precisely target the area where you want to apply grass.

If you have any questions at all regarding the Grassinator™ please feel free to contact us, we love to talk scenery.

JOHN CUBBIN
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**Thank you for
choosing the
Raidig Grassinator™**

the Grassinator™
Static Grass Applicator



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