

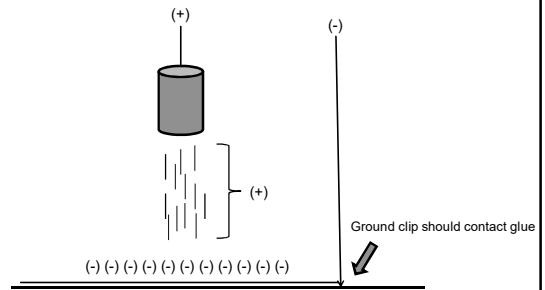
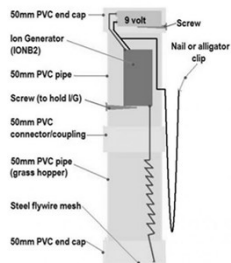
AN INTRODUCTION TO STATIC GRASS

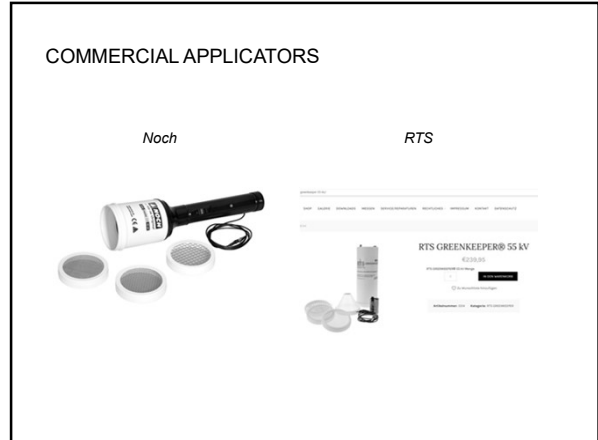
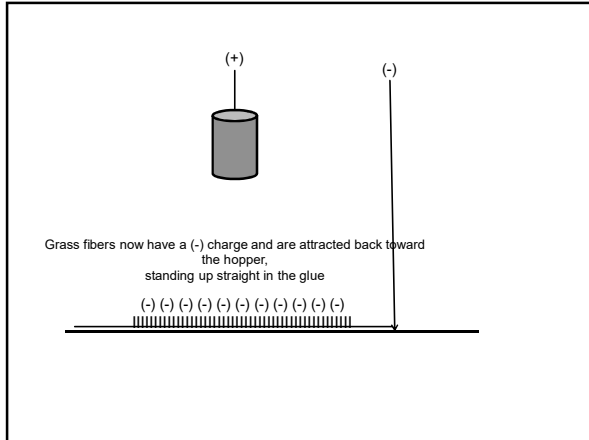
*The Eighth Wonder of the
World*

HOW DOES IT WORK?

Hopper containing static grass (polyester flock) is given a high positive charge. Scenery base given a high negative (ground) charge. Positively charged fibers are attracted to the negative charge and travel down the charge gradient and adhere to adhesive on the scenery base. The fibers then become negatively charged and are attracted back to the positively charged hopper, but can't move due to the adhesive. The free ends, now having a negative charge "stand up" toward the hopper.

HOW DOES IT WORK?





- WHICH IS "BEST"?**
- Depends...
 - Cost
 - Maximum length of fibers
 - How high is the voltage gradient?
 - Noch: 20 Kv
 - GrassTech: 4.6 Kv
 - Flock-It Rocket: 15-20 Kv
 - RTS GreenKeeper
 - The RTS-Greenkeeper 25 KV maximal height of fibers: 6 mm maximal height of flocking: 2.5 - 3 cm
 - The RTS-Greenkeeper 35 KV maximal height of fibers: 6 - 8 mm maximal height of flocking: 7 cm
 - The RTS-Greenkeeper 55 KV maximal height of fibers: 12 - 14 mm maximal height of flocking: 14 cm
 - \$265 (!)

PLANS AND CIRCUIT DIAGRAMS ONLINE....

USE AT YOUR OWN RISK!

FLOCK / FIBERS

- *Vary in length*
 - 2-12mm +
 - Longer = larger scales / deeper brush
 - Longer fibers – Need more open applicator screen
- *Vary in Color*
 - Different brands
 - Different color selections
 - Vary in "chargeability"
 - WS cheap, but only one length
 - Newer products ? Field System
 - Don't seem to "charge" as well. YMMV

TECHNIQUES

- *Scenery base*
 - Paint
 - Ground Goop
- *White Glue / Matte Medium / Other*
- *Ground Foam +/-*
- *Static Grass*
- *Hairspray*
- *More static grass*
- *Repeat*
- *Final touches:*
 - Ground foam
 - Bushes
 - Small trees, etc.

TIPS AND HINTS

- *Use a fresh battery!*
- *Keep good electrical continuity*
 - Keep contact clean
 - Dried glue will insulate
- *Give the applicator an upright shake to charge the fibers*
- *The grass goes where the glue is...*
- *Low areas are damper = greener lusher grass*
- *Keep the device close...Inverse-square law?*
- *Vacuum excess while glue is not quite dry*
 - Helps fibers stand up straight
 - Saves material - \$\$\$ Use stocking over nozzle
- **LOOK AT PHOTOS; FOLLOW NATURE!**

MOST IMPORTANT:

- *Layers*
- *Layers!*
- *Layers!!*
- *Vary length, color, coverage –*
- *Avoid uniformity!*

MAKE YOUR OWN TUFTS

- *Metal pan*
- *Parchment paper*
- *Glue*
 - *White glue*
 - *Matte medium*
- *Apply fibers as usual*
- *Fix in place with hairspray*

QUESTIONS?

