



Guidelines for Greenhouse Transplant Tomato Growers

Harris Moran Seed Company is committed to providing you with the best quality Tomato seed possible. This seed represents the potential of the crop. Proper production techniques and the right growing environment are required for this potential to be met.

During the summer months of July - October, greenhouse temperatures in Sinaloa can exceed 40°C, which is well above the maximum temperature at which Tomato seed can germinate. As a result, poor or no stands can occur. To improve your results, we recommend the following guidelines:

✓ Cool Room

It is recommended that after seeding and the first irrigation, the trays be kept in a cool room (below 28°C) for 2 to 4 days. The exact length of time will vary by lot and conditions of your cool room. This will allow the seed to uniformly germinate and begin to establish a root system.

✓ Greenhouse

After 2 to 4 days in the cool room, the trays should be placed in the greenhouse, where every effort should be made to keep the environment cool as well. This could be done with the use of:

- Shade cloths over the greenhouse – 60 to 90 % shade
- Swamp coolers or cooling pads
- Frequent misting of the trays during the germination process - Caution: Do Not Saturate!
- Use of white Perlite over the trays

✓ Seed Treatment

- HM Tomato seed has been sanitized against and tested for these three (3) bacterial diseases and no evidence of the disease was found:
 - Bacterial Canker *Clavibacter michiganense*
 - Bacterial Spot *Xanthomonas campestris pv vesicatoria*
 - Bacterial Speck *Pseudomonas syringae pv tomato*

as well as for two (2) Tomato virus diseases:

- TMV, TomMV *Tobamovirus*
- Never treat Harris Moran seed with Hot Water or any other materials
 - You will damage the germination and vigor of the seed.
 - You accept full risk for this damage.