

Begonia x benariensis ***BIG DeluXXe Red Green Leaf IMPROVED***

Culture guide

Uses:

Packs, Pots, Hanging Baskets, Mixed Containers
and Landscape

Exposure:

Partial shade - Sun

Garden height:

35" / 90 cm

Crop time:

14-19 weeks

Sowing method:

1-2 seeds or pellets per plug

Germination:

Optimum conditions for seedling development,
beginning on the day of sowing until radicle
emergence. Expect radicle emergence in 6-8
days.

Media:

Plug Culture:

Begin with a saturated (5) for the first 10 days
and on day 11 begin to dry them back slightly to
wet (4). This will help in the seedlings rooting into
the media. On day 11 begin to alternate between
a wet (4) and a moist (3) until day 21. On day 21
it is critical to begin a good wet to dry cycle to
prevent algae growth and help with the uptake of
nutrients. At this point you can alternate between
a wet (4) and a medium (2).

Growing On:

Alternate between moisture levels wet (4) and
medium (2). Let plants dry back to at least a
medium (2) before re-saturating to a wet (4).
Extremely dry plants will have a grayish cast to
the leaves. Avoid watering plants under high
temperature and light when the leaf temperature
is excessive. This can cause leaf burn.

Fertilization:

Plug Culture:

Maintain an EC

Growing On:

Moderate fertilization levels are required.

Fertilize the crop weekly with 100-150 ppm nitrogen, using a complete balanced fertilizer.

Avoid high ammonium and high nitrogen levels, because the foliage can grow very large. Avoid pH levels above 6.0, as high pH can cause iron deficiency. Watch for low Ca and Mg levels since this can result in stunted plants with marginal leaf edge burn. Under high light conditions use an ammonium based fertilizer (17-5-17) and under low light use a calcium based fertilizer (14-4-14-).