

GROWER INFORMATION SHEET FOR MANDEVILLA “FURY FIRE & ICE” PP 23, 293

We at Hidden Acres Nursery would first like to thank you for your purchase of our new and exciting new Mandevilla “Fury Fire & Ice” p.p.23,293 from our Fury series. We just won at TPIE 2013 the “Cool Products Award”. We hope that the information provided below will help in your production and increase your profitability.

This grower information and observations were made at Hidden Acres Nursery in Sebring, Florida. Plants were grown in clear double poly greenhouses, 30% shade houses as well as full sun. These plantings were made from January thru December and tested in all conditions of controlled greenhouses to outside no control. We have had plants in high 20F degrees with frost washed off and no burn. Plant can most likely be iced in to mid teens. Fury Fire & Ice has performed exceptionally well in my opinion. In the first two year period we have had no green reversions. Flowers have stayed true to type crimson red.

1. Plant likes fertilizer level at low rates and would suggest a 10 to 12 month slow release product. Do not let fertilizer/ soluble salts get high, plants will burn. If you are growing a bush form, stay with a 1-1-1 ratio mix. We used a 14-12-14. If you are growing for trellis, use a 3-1-2 ratio, we used a 18-6-12. We had one tendril that in 35 days grew 57” up a mist tube hanging in greenhouse; it will go up a trellis. I would suggest that you tie new shoot to trellis or start wrap, then it will do the rest. Temps in that house were nighttime low of 65 F and high of 90 F. Ten inch baskets were planted with 3 and 4 cuttings. Plants were planted in mid August and were of customer’s acceptable quality in 12 to 16 weeks. Baskets were in bud and bloom for Valentine’s Day market. Plants were also observed with good bloom for Thanksgiving. I would rate growth rate to be faster than Dipladenia “Red Riding Hood but slower than Mandevilla “Alice Dupont. I would rate plants to be fertilizer sensitive in high temperatures.
2. Soil recommendation would be a light well drained mix with no more than 40% Canadian peat or 30% Florida peat. Best results were in a mix 15% Canadian peat/15% Florida peat/15% coarse perlite and 55% pine bark. We also used a 35% Canadian peat/65% coarse perlite with great success. We have found that plant takes a wide variety of soils. I would recommend low fertilizer rate and supplement with a liquid feed until incorporated fertilizer begins its release. We used 8 oz. per 100 gals of 20-20-20 or 24-8-16 with no adverse effects. Low rates of minors were also added to this solution. I would recommend a pH of 6 to 6.5 but plant does like hydrated lime at low rates, we used 4 to 8 oz per 100 gal. The pH of the well water at Hidden Acres ranged from 3.8 to 4.3. Nurseries with neutral to high pH water may not need to put out lime or dolomite although I would recommend keeping pH in 6-6.5 pH range.
3. Plant does not appear to be a heavy water user and tolerates dryer soil conditions well, although don’t let pot get high soluble salts. I have seen no root disease at all. I have had plants with heavy soil and they seem to grow slower than well drained mix. Plant fits the “Sustainable” buzz word. Uses low fertilizer rates and has low water requirements. I suggest you run a regular soluble salts or fertility test to avoid high salts.
4. Pest problems would be similar to all Mandevilla spp. We have used a wide variety of insecticides and fungicides with no adverse effect or reaction by the plant. We have used lowest recommended rates of these chemicals and followed label instructions. I would suggest you test always and never spray in extreme hot or cold conditions.
5. If you keep Fury Fire & Ice p.p.23,293 at 68F nighttime temperatures you can expect blooming 365 days a year.

