

JPA Landscape & Construction, Inc.

Power Equipment Never Sounded So Good.....



Hello to our Partners,

We have done many things in our 40 Years, **one of them being the implementation of Electric Equipment.** For more than a decade we have been studying the effectiveness of battery supported Gardening tools. Well, that time is here, as we rollout two fully electric gardening crews from our South Bay and North Bay Service Centers. This rollout will begin JPA's conversion from gas to battery for the communities we serve. The other service centers will follow as we work through the demand and performance expectations of this new Zero Emission approach.

We first considered going with electric supported gardening equipment back in 2007. It was do-able. However, there were two issues.

- **The first, was the battery life limitations in both the operation and chargeability.**
- **The second, was the amount of additional equipment that was needed to be in play to perform what was being accomplished by one gardening truck.**

That battery equipped truck was going to need **(3)** trucks and equipment to perform the same work based on the amount of equipment run time during an average day. These performance limitations were a "footprint" conundrum when considering all the pieces.

First there were (3) trucks instead of (1) that needed to be manufactured, fueled, and maintained. A noticeable consideration was that we would be sending (12) used tires to a landfill instead of (4) tires when they were worn out. This "footprint" problem repeatedly showed up at every step of the analysis. Needless to say, the well-intentioned efforts to be "Green" didn't pencil out.



Today, JPA's new electric equipment has smaller batteries that operate longer and have faster charging times!

Their weight and function are compatible with their gas counterpart. And the Battery useful life has lengthened greatly.

Another wonderful attribute to the electric gardening tools are that they are "quiet" in comparison.

PLANT OF THE MONTH: Myoporum



Originally from Australia and New Zealand, Myoporum has been cultivated as a drought tolerant perennial ground cover that can now be seen all over California. It prefers full sun, requires irrigation in summer and grows from 3 to 6 inches in height. Myoporum is a great choice for landscapes in California and the Southwest, where mild winters are the norm.

