

# Element 6

## ESSENTIAL POWER



Element 6 is an extra power cell for Turf and Ornamentals. Built on a platform of key sugars and amino acids, it provides extra energy for plants that are being pushed to the limits.

Plants naturally capture energy from the sun through photosynthesis. In many cases, this supply of energy is not sufficient for surviving intense stress.

**That's not all... Element 6 is fortified with Turf Fuel's proprietary Nutrifense® technology.**

Nutrifense® includes the most potent and cutting edge biochemical additives available to promote plant strength and redirect internal hormone production towards growth vs. dormancy.

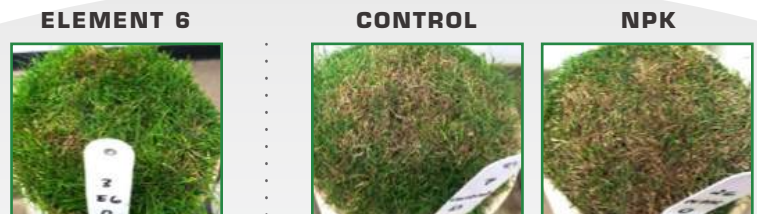
### HOW EFFECTIVE IS AN ENERGIZED, RESISTANT PLANT WITHOUT SUPER STRONG CELLS?

Element 6 also contains a heavy load of proprietary plant available soluble silica. Plant available silica moves into the plant where it increases overall tolerance to traffic, harsh weather and disease.

## DROUGHT TOLERANCE

### RESEARCH

Research conducted in the Michigan State University growth chamber showed turf treated with Element 6 was 2.5X better than turf treated with traditional fertilizers based on overall quality ratings. Testing also verified Element 6 treated turf had elevated levels of growth hormones with a reduction in those associated with dormancy and plant stress.

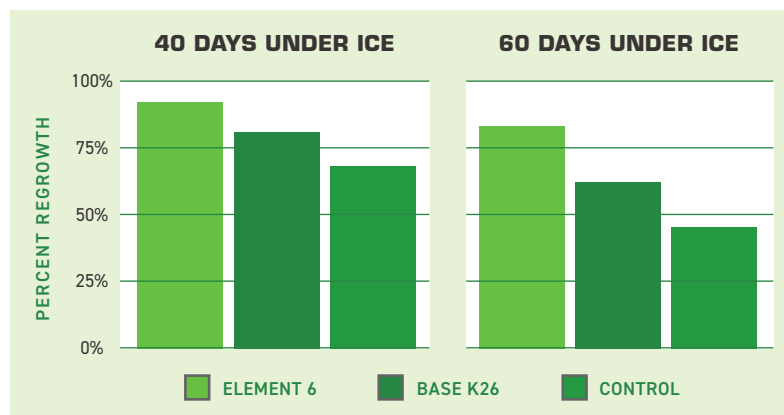


## WINTER PREPARATION

### RESEARCH

Turf Fuel's Element 6 and Base K26 treated turf had the highest percentage of regrowth 20 days after removal from either 40 or 60 days of ice cover.

Michigan State University researchers treated turf every 14 days from August until winter. Turf was encased in ice in a low temperature chamber for 40 or 60 days. Turf was removed from the low-temperature chamber and 20 days later regrowth percentage was determined by counting green leaves compared to all leaves in the sample.



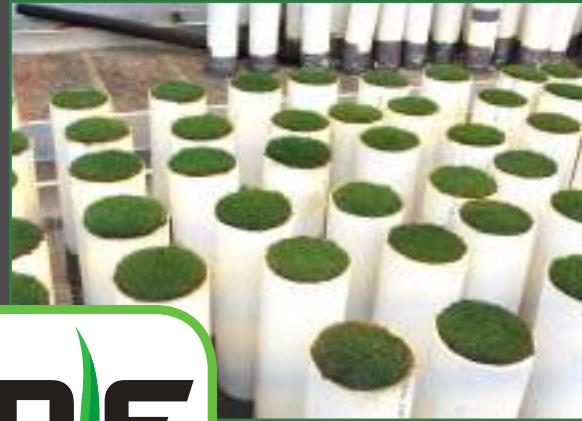
# NUTRIFENSE®

Nutrifense® is a proprietary Turf Fuel ingredient that will enhance turf quality and performance, especially through stressful times. Nutrifense® consists of plant extracts sourced from the world's most extreme growing environments, a state-of-the-art plant defense activator, antioxidants and protein precursors. The multiple components of Nutrifense® work in synergy to create super strong turf.

Nutrifense® is a collection of the most advanced plant health components available.

Nutrifense® comes in the following Turf Fuel Products:

- ▶ Element 6
- ▶ Photo Fuel
- ▶ Respo Fuel
- ▶ Turf Fuel G 8-8-8
- ▶ Turf Fuel G 0-0-16
- ▶ Turf Fuel G 24-0-11



## DISEASE TOLERANCE

Research at Oregon State University showed that Element 6 created turf strong enough to stand up to intense Fusarium pressure during a six month winter study in 2017/18 and 2018/19. The combination of Energy, Nutrifense®, and Silica enable turf to withstand the most severe environmental pressures.

