

# Cell Power<sup>®</sup> SizeN<sup>®</sup>Growth



Cell Power<sup>®</sup> SizeN<sup>®</sup> is an innovative new product that supplies nitrogen in a form that encourages compact shoot growth, better rooting, and better fruit development, rather than the weak, vegetative top-growth stimulated by conventional nitrogen fertilizers. Cell Power<sup>®</sup> SizeN<sup>®</sup> uses a unique chemistry to hold nitrogen in the amine form.

It is nitrogen uptake that dictates how fast and where crops grow, with nitrogen form being the main contributor to growth hormone synthesis in crops. Nitrates encourage auxin production, favoring vegetative growth (top growth of shoots), while amine nitrogen encourages cytokinin production, favoring reproductive growth (the growth we harvest).

When we feed crops nitrogen, they mostly take it up as nitrate (no matter what form it is applied in), which means plants mostly use their nitrogen to put on top growth. Farmers must manage conflict between applying the nitrogen their crop needs, and the crops natural propensity to use that nitrogen to grow foliage rather than fruit. This leads to a reduction in fruit setting and yield.

Cell Power<sup>®</sup> SizeN<sup>®</sup> exposes the crop to bursts of amine nitrogen, which helps to direct growth towards fruit development. Research shows that exposure at key growth stages have an effect on where the crop puts its resource.

Apply through center-pivot, solid-set sprinkler and micro-irrigation systems.

Analysis: 15-0-7  
15% Nitrogen (N) 13.7% Urea, 1.3% Nitrate  
7% Potassium (K<sub>2</sub>O)



**Quality & Crop Safety is our #1 Goal**

For information about products please contact OMEX<sup>®</sup> Agrifluids  
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