



## WHAT IS INVOKE?

INVOKE is a proprietary fertilizer combination of a patented source of protein hydrolysate combined with pure *Ascophyllum nodosum*. This rich source of natural amino acids, carbohydrates and protein act to feed plant response at key physiological times.

## HOW DOES INVOKE WORK?

Invoke works with your crop to feed the floral and cell division phases in tree & vine crops, resulting in larger, higher quality fruit. In addition Invoke provides significant plant growth enhancement

Growth enhancements may include improved overall plant vigor, accelerated flowering, fruit set, and cell division. Resulting in enhanced crop uniformity, size and yield.

## Use Directions

### Improved Fruit Size

Apply INVOKE at 10 ounces per acre

- ⇒ 1<sup>st</sup>) Petal Fall
- ⇒ 2<sup>nd</sup>) 14 days after petal fall

### Post Harvest Quality & Fruit Firmness

⇒ Apply 10 ounces 7-15 days before harvest

## CONSISTENT RESULTS

### Apple Sizing

→ INVOKE consistently improved apple size in all field trials 2013

### Fruit Set

→ INVOKE applications have a positive effect on fruit set when applied in the early bloom

### Fruit Quality

→ INVOKE applications 7-15 days prior to harvest improves fruit firmness, brix, and post harvest storability.

### Yield Benefits

In multiple years of commercial and small plot trials replicated field trials, INVOKE based products have **been shown to improve in-season plant growth and vigor, fruit set, marketable yield, and shelf-life of Apples**

Evaluation Fuji Apple Quality Parameters

Parameters	Control at harvest	INVOKE at harvest	Control 4 months after harvest	INVOKE 4 months after harvest
Firmness	15.8	14.7	12.5	13.1
Sugar	13.3	13.4	13.5	13.5
Acidity	3,4	4.6	1.2	3.7
Starch	4,3	4.1		
Respiration mg CO <sub>2</sub> /TM/h	64	45		
Cracking			16%	9%

