

Vigor-Cal-Bor-Moly**Sysstem-SeaCal™****9-24-3****Sysstem-ZN™**

Want the highest consistent yielding almonds?

Right nutrients, Right time, Right form, Right mix.



Maximizing profitability in your almond orchard starts with maximizing nut set every year. Achieving consistency in set and minimizing alternate bearing cycles is the key to consistent yields and higher profits. The secret is ensuring the tree has the right nutrients at the right time in the right form and right mix.

Nut set can be influenced by boron which enhances pollination. Calcium is synergistic with boron and enhances its affect. Molybdenum plays a direct role in nut set and retention. Agro-K's **Vigor-Cal-Bor-Moly** is the perfect mix to apply from pink bud to early bloom. **Vigor-Cal-Bor-Moly** supplies a balanced nutrient mix in a carbohydrate formulation that can significantly improve nut set and calcium levels. It is soft on foliage, penetrates quickly and is rapidly taken in by the tree.

Nut set is the first step to consistent high yielding almonds. Once set, nuts need size and weight to maximize yield. Size is dictated by cell division and phosphate is the energy source that drives this process. Calcium is a critical factor in nut weight. Getting it into the nut during cell division is the key to heavier meat. More calcium uptake during cell division in the leaves creates leaves with thicker cell walls that diseases like rust and scab have a harder time penetrating and spreading, allowing your fungicide program to be more effective. Getting calcium where it is needed at peak demand time is what matters most. Applying **Sysstem-SeaCal® (calcium phosphite)** with Agro-K's high ortho-phosphate/low potassium **9-24-3** formulation

just prior to and during the bloom period provides rapid penetration, uptake and translocation of calcium and phosphate to help drive cell division and set the stage for large, dense nuts with maximum weight. **Sysstem-SeaCal** contains no potassium, unlike most other common phosphite materials which have significant potassium content. Agro-K's **9-24-3** is the most cost effective liquid phosphate available. It is specifically designed with minimal potassium content for early season foliar applications. Foliar spray mixes with even moderate amounts of potassium applied during cell division will antagonize calcium uptake and negatively impact leaf cell wall integrity and nut quality.



The energy requirements to maximize cell division and nut fill is significant and requires large, healthy, and efficient functioning leaves. Zinc is essential for maximum leaf development, vascular function and root growth. All of these growth processes take place early season and requires zinc movement in both the xylem and phloem to get where it is needed. **Sysstem-ZN (zinc phosphite)** is the best way to maximize zinc penetration and mobility into the phloem and xylem. **Sysstem-ZN** is uniquely phloem transportable. When applied at the start of rapid leaf development **Sysstem-ZN** supplies zinc in a systemic form that maximizes root growth and leaf surface area leading to increased photosynthesis that helps drive high yields and quality.

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