# EARLYBIRD®

## Self-Fertile, Early Maturing Almond Variety

Earlybird® is a new self-fertile almond variety, offered exclusively by Sierra Gold Nurseries. Earlybird harvests early and provides an excellent alternative and companion to Nonpareil. As a self-fertile, Earlybird offers numerous benefits, including reduced bee cost and more simplified orchard management.

- Bloom time: 4 days before Nonpareil.
- Harvest time: 7 days before Nonpareil.
- Vigorous tree with a wide, spreading canopy, similar shape to Nonpareil.
- Uniform setting of nuts from the top to the bottom of tree.
- Impressive yields, surpassing Nonpareil in experimental plots.
- · Shakes clean.
- High crackout percentage (up to 71% in trial plantings to date).
- Less than 1% double kernels.
- Well-sealed, paper shell with excellent in-shell market potential.
- Large kernel size with very light blonde appearance.









### **Advantages**

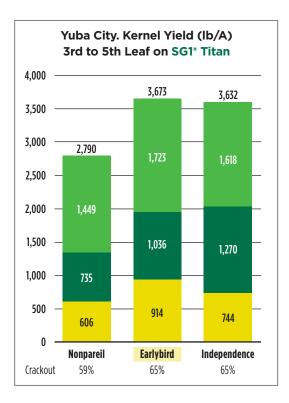
Lower beehive cost. Beehive rental is expensive for traditional cross-pollinating varieties. UC Davis studies show that self-fertile almonds need only ½ - ½ managed beehives per acre, compared to up to three boxes per acre for traditional varieties. Beehive cost reduction represents potential savings of hundreds of dollars per acre. Self-fertile Earlybird is less affected by the risk of poor weather during bloom, when bee activity is crucial for traditional varieties requiring cross-pollination.

Fewer spray applications. A typical commercial orchard with Nonpareil and pollinizer varieties will often require three hull split sprays – the first at 1% hull split, the second 10-14 days later and the third for the pollinizers. A solid Earlybird orchard avoids the third spray for pollinizer varieties and could be harvested early enough to avoid a second hull split spray.

**Less water use.** Almond tree water consumption generally decreases after harvest. An early harvest date could reduce post-harvest irrigation.

Less equipment movement. With multiple varieties planted in an orchard, each involves different shaking and harvest dates, requiring repeated equipment hauling. For orchard blocks planted only with self-fertile Earlybird, harvest equipment can finish the work in one pass – a single shake and streamlined harvest.

Custom harvesters will appreciate the early-maturing Earlybird, allowing harvest before the rush of Nonpareil and Independence.

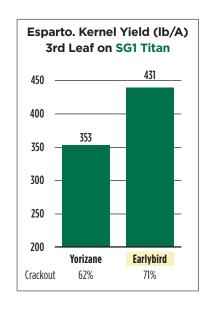


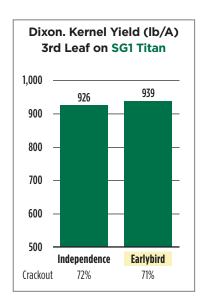




Yuba City. Kernel Yield (lb/A) 3rd to 5th Leaf on Krymsk® 86 3,500 2,945 3.000 2,402 2,500 1,883 2,000 1.246 1,500 967 1,000 910 893 660 500 468 263 256 Nonpareil **Earlybird** Independence Crackout 60% 65% 68%

Visalia. Kernel Yield (lb/A) 3rd and 4th Leaf on SG1 Titan 2,500 2,030 2,000 1.750 1,598 1,500 1,192 1,000 500 698 558 479 Nonpareil Independence Earlybird Shasta 70% 72% 75% 57% Crackout





Customers assume all risks for variety and rootstock selection.



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