Almond Orchard 2025 Goals

The Roadmap to Success
REDUCE THE AMOUNT OF WATER USED TO GROW A POUND OF ALMONDS BY 20%

ACHIEVE ZERO WASTE IN OUR ORCHARDS BY PUTTING EVERYTHING WE GROW TO OPTIMAL USE

REDUCE DUST DURING ALMOND HARVEST BY 50%

INCREASE ADOPTION OF ENVIRONMENTALLY FRIENDLY PEST MANAGEMENT TOOLS BY 25%

ACHIEVE ZERO WASTE IN OUR ORCHARDS BY PUTTING EVERYTHING WE GROW TO OPTIMAL USE
water efficiency
zero waste
pest management
air quality
MEASURING PROGRESS THROUGH CASP
MORE CROP: INCREASING YIELD BY TIMING OF WATER & NUTRIENTS

PER DROP: IRRIGATION SYSTEM PERFORMANCE
Proven cultural practices & alternatives to reduce spraying
+ Reducing spray drift
+ Bee Best Management Practice
<table>
<thead>
<tr>
<th>Key IPM Systems</th>
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<tbody>
<tr>
<td>Navel Orangeworm</td>
<td>sanitation, mummy survey, timely harvest, mating disruption</td>
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<td>Mites</td>
<td>monitor natural predators &amp; threshold based spraying</td>
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<tr>
<td>Alternaria Leaf Spot</td>
<td>monitoring temperature &amp; moisture levels to predict severity</td>
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<tr>
<td>Hull Rot</td>
<td>SDI during hullsplit &amp; precision N application</td>
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<tr>
<td>Weeds</td>
<td>only spray in tree rows &amp; then spot spraying</td>
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Use of low dust harvesters

Journey toward variations of off-ground harvesting

Researching impact of conditioning before pickup

75% of dust comes from the harvester during pickup
Hull & shells go to higher value uses beyond California dairies

Move away from open burning

Whole orchard recycling
The more participants in CASP, the more representative measure of progress is across the industry.
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Join the Conversation!

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