

Irrigation Adjustment Strategies: Dryback & Substrate EC

Start time: Keep the *start time the same* in all scenarios. Adjust # of shots, shot size, irrigation window, and runoff according to the desired outcome.

Legend: Same = no change • Increase = increase/longer/more • Decrease = decrease/shorter/less • Decrease/None = reduce runoff to minimal/none

| Goal (Dryback + Substrate EC) | Crop steering stage | # of shots | Shot size | Irrigation window | Runoff |
|--|-----------------------|------------|-----------|-------------------|---------------|
| Maintain dryback / Decrease substrate EC | Generative | Same | Increase | Same | Increase |
| | Vegetative | Increase | Same | Same | Increase |
| Maintain dryback / Increase substrate EC | Generative | Same | Decrease | Same | Decrease/None |
| | Vegetative | Increase | Decrease | Same | Decrease/None |
| Decrease dryback / Decrease substrate EC | Generative | Same | Increase | Increase | Increase |
| | Vegetative | Increase | Same | Increase | Increase |
| Decrease dryback / Increase substrate EC | Generative (Option A) | Decrease | Same | Increase | Decrease/None |
| | Generative (Option B) | Same | Decrease | Increase | Decrease/None |
| | Vegetative | Increase | Decrease | Increase | Decrease/None |
| Increase dryback / Decrease substrate EC | Generative | Decrease | Increase | Decrease | Increase |
| | Vegetative | Increase | Same | Decrease | Increase |
| Increase dryback / Increase substrate EC | Generative | Decrease | Same | Decrease | Decrease/None |
| | Vegetative | Increase | Decrease | Decrease | Decrease/None |

Source: distilled from irrigation adjustment strategy charts (Generative vs Vegetative crop steering).