

# POSTEMERGENCE WEED CONTROL WITH ARROZ 80<sup>®</sup> CA HERBICIDE IN CALIFORNIA RICE

## Product Features

- Contact foliar herbicide (bispiripac-sodium) with no soil activity.
- HRAC group 2 herbicide (ALS inhibitor).
- Suitable for both dry-seeded and water-seeded rice.
- Outstanding grass weed control in Pinpoint and Continuous-Flood programs.
- Good efficacy against early and late watergrass as well as several broadleaf and aquatic weeds.
- Great postemergence partner to follow up a foundation herbicide treatment.

## Key Weeds Controlled:

- Barnyardgrass
- Early watergrass\*
- Late watergrass\*
- California arrowhead
- Common waterplantain
- Ducksalad
- Monochoria
- Waterhyssop

## Key Weeds Suppressed:

- Redstem
- Ricefield bulrush
- Smallflower umbrella sedge\*

\*ALS-resistant biotypes have been confirmed in CA

## Application Rates and Timing

- Do not apply to rice until it has reached the four-leaf growth stage (fourth leaf fully expanded) – irrespective of seeding method – with a root system totally underneath soil surface. Application can be made up to the point of panicle initiation.
- Use rate for susceptible weeds: 0.53–0.67 oz/A. Use higher rate (0.67–0.8 oz/A) for ALS-resistant weed biotypes.
- Best efficacy is achieved when weeds are small. Check the label for optimal treatment timing for each weed species.

## Pinpoint or Leathers Flood Treatment

- Drain field before rice shoot growth begins and when the root is around ¼ inches in length.
- Apply **Arroz 80<sup>®</sup> CA Herbicide** when rice has reached four-leaf stage and root system is totally underneath the soil surface. After 2–3 days, field can be re-flooded to pinpoint flood level.
- Prolonged drainage may harm rice and compromise herbicide efficacy.

## Dry Seeded Pre-Flood Treatment

- Optimum results are obtained when soil is wet to the surface and weeds are actively growing.
- Allow at least one day for herbicide uptake after application before establishing permanent flood. Herbicidal efficacy can be compromised if soil becomes dry after application.
- For best results, establish permanent flood 2–7 days after application of **Arroz 80 CA**.

## Post-Flood Treatment

- Optimum results are obtained when flood water is adjusted so that a minimum of 70% of the target weeds are above the water level.
- Flood water level can be raised to normal 2–3 days after treatment.

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## Application Guidelines

- Apply at 15–20 gal/A by ground.
- Apply at minimum of 10 gal/A by air.
- Always include a surfactant in the tank mix. Check the “**Arroz 80 CA** Approved Surfactants” bulletin for a list of approved surfactants. If chosen surfactant does not already contain UAN, 2% (v/v) of UAN 28% or 32% may be used in conjunction with an approved surfactant for improved efficacy.
- Include buffering agent if pH is above 7 or below 6.
- Apply in a manner that minimizes drift potential (i.e. low wind up to 8 mi/h, medium to large droplets, do not apply during a temperature inversion).
- Only use flat-fan nozzles for ground applications.



Photo by Marja Koivunen

## Application Restrictions

- **Arroz 80 CA** can be used in combination with other herbicides. However, do not tank mix with propanil. Check the product label for more information about suitable tank-mix partners.
- Observe a 3-week application interval for sequential applications of **Arroz 80 CA**.
- Do not exceed 1.06 oz/A per year of **Arroz 80 CA**.
- Do not apply to stressed rice or weeds.

## Additional Use Restrictions

- Some California counties have additional use restrictions pertaining to bispyripac-sodium herbicides due to potential harm from drift to adjacent, sensitive crops. Check with your county for more details about use restrictions and applicator training requirements for aerial and ground applications.



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