



Get the Most Out of Every Clearfield® Rice Acre

Clearfield rice producers are expected to protect and prolong the usefulness of this technology by following the specific requirements of the current year Clearfield Rice Stewardship Grower Agreement, as well as these guidelines to help prevent weed resistance. Always read and follow label directions.

In-Season Clearfield Rice Production

- Purchase new seed (registered or certified) every year from an authorized **Clearfield** seed retailer. This means that saving seed to plant next year's crop is not allowed (NO "brown-bagging" or "bin-running").
- Start clean — utilize a burndown herbicide at planting.
- Plant **Clearfield** rice according to seed company recommendations for best cropping practices.
- Apply a residual herbicide, such as **Prowl® H20** herbicide, delayed pre-emergence, to increase grass control.
- Grower may obtain a license to apply an imidazolinone herbicide registered for use on **Clearfield** rice, such as **Newpath®** herbicide, **Clearpath®** herbicide and **Beyond®** herbicide, by purchasing such products.
- After obtaining the applicable license by purchasing the herbicide, apply two applications of **Newpath** herbicide as labeled or one application of **Newpath** herbicide followed

by one application of **Clearpath** herbicide or vice versa. **Clearpath** herbicide may be substituted for only one of the **Newpath** herbicide applications but not both. The second application provides residual for extended weed control. **Beyond** herbicide may be applied as the second application after the first application of **Newpath** herbicide or **Clearpath** herbicide.

- Water management:
 - Flush within 2 days of first application.
 - Initiate permanent flood within 2 days of second application or as soon as the growth stage of the rice permits.
 - Maintain good soil moisture until permanent flood.
- Maintain weed-free levees and red rice-free ditches and turnrows.
- Treat with **Beyond** herbicide to control escaped red rice at a proper growth stage according to **Beyond** herbicide label.
- Rogue for red rice escapes.
- DO NOT ratoon rice crop if red rice is present at harvest, regardless of plans to harvest or utilize as habitat.
- Roll and flush **Clearfield** rice fields after harvest to promote germination of weeds in the fall.
- After frost in the fall, destroy all remaining rice plants.

2017 Stewardship Guidelines

 **BASF**
We create chemistry

Crop Rotation Following Planting Clearfield® Rice

- DO NOT plant **Clearfield** rice in consecutive years in the same field.
- Rotate to another crop such as Roundup Ready® soybeans or corn and use alternate herbicide mode of action for red rice control.
- In rotational crop use a residual herbicide for red rice and grass control, such as **Outlook**® herbicide or Dual Magnum® and Dual II Magnum®. DO NOT use an ALS herbicide as the primary residual herbicide.
- If late germinating red rice is present in a Roundup Ready crop prior to canopy closure, an application of Roundup® is recommended. A non-ALS herbicide should also be used to control red rice and other grasses in soybeans just prior to canopy closure.
- DO NOT grow crawfish following growing **Clearfield** rice (plant non-**Clearfield** rice for use in crawfish fields).
- DO NOT fallow fields following **Clearfield** rice without repeated field tillage or glyphosate treatments to control volunteer red rice.
- DO NOT allow any rice to go to seed in a non-rice year. This includes any fallow or crawfish production fields.
- When practical, cultivate all rotational crops regardless of herbicide program.

Stewardship Recommendation for Fields with Severe Infestations of Volunteer Rice with ALS Herbicide Tolerance

- DO NOT plant **Clearfield** rice for at least three years.
- Plant an alternate crop such as Roundup Ready or Liberty Link® soybeans or corn for two or more successive years.
- Use glyphosate in Roundup Ready soybeans or glufosinate in Liberty Link soybeans for post-emergence control of red rice. Other products such as Select Max®, Fusilade®, or **Poast**® herbicide may be considered for post-emergence control of red rice in either Roundup Ready and Liberty Link soybeans. In addition to post-emergence herbicide options, it is also recommended to apply a non-ALS residual herbicide such as **Outlook** herbicide, Dual Magnum or Dual II Magnum prior to red rice emergence.
- DO NOT allow any **Clearfield** rice to go to seed throughout the season.
- Use cultivation or rogue all suspect out-crossed plants to prevent red rice seed production.

Clearpath®

Herbicide for **Clearfield**® Rice

Beyond®

Clearfield® Production System Herbicide

Newpath®

Herbicide for **Clearfield**® Rice



Always read and follow label directions

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Roundup and Roundup Ready are registered trademarks of Monsanto Company.

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Liberty Link is a registered trademark of Bayer CropScience.

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