

CLEARFIELD® Rice Stewardship Guide



CLEARFIELD®
production system | rice

CLEARFIELD Rice Seed

- A novel technology for rice production
- Developed with traditional plant breeding techniques
- Tolerant to imazethapyr, the active ingredient in Newpath
- Developed by Louisiana State University, University of Arkansas, and RiceTec Inc.



Clearpath® Herbicide & Newpath® Herbicide

- A broad-spectrum grass and broadleaf residual herbicide
- Use in a planned sequential program
- Controls some of the toughest rice weeds:
 - Red rice
 - Barnyardgrass
 - Broadleaf signalgrass
 - Eclipta*
 - Hemp sesbania*
 - Jointvetches*
 - Smartweed
 - Yellow nutsedge

* Controlled with Clearpath® only.

= CLEARFIELD Production System For Rice



Clearpath fb Newpath



Untreated

CLEARFIELD System Performance



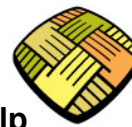
NEWPATH®
HERBICIDE | for CLEARFIELD® rice



CLEARPATH®
HERBICIDE | for CLEARFIELD® rice

Agricultural Products

BASF
The Chemical Company



To preserve the long-term efficacy of the CLEARFIELD® rice technology, certain stewardship practices must be followed. CLEARFIELD® rice producers are asked to help protect and prolong the usefulness of this technology by following specific requirements and recommendations to help prevent weed resistance.

REQUIREMENTS

- **Growers must sign a current planting year BASF CLEARFIELD® Rice Stewardship Grower Agreement in order to purchase CLEARFIELD® rice seed. Violators of the CLEARFIELD® stewardship program and PVP Act will be prosecuted to the full extent of the law.**
- **Grower must purchase certified CLEARFIELD® rice seed to produce a single commercial crop.**
- **If the grower uses an imidazolinone herbicide, the grower agrees to use Newpath® herbicide, Clearpath® herbicide, or other labeled BASF branded or BASF approved herbicide containing an imidazolinone in accordance with the product label.**

Other Recommendations*

- **Start clean – utilize a burndown herbicide at planting.**
- **Avoid planting CLEARFIELD® rice in consecutive years.**
- **Plant CLEARFIELD rice early enough to avoid synchronous pollination and to minimize outcrossing potential with red rice.**
- **Water management:**
 - ✓ **Flush within 2 days of 1st application.**
 - ✓ **Initiate permanent flood within 2 days of 2nd 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 turn rows.**
- **Rogue for red rice escapes.**
- **Roll and flood CLEARFIELD® rice fields after harvest to promote germination of weeds in the fall.**
- **If red rice is present at harvest, DO NOT ratoon rice crop, regardless of plans to harvest or utilize as habitat.**
- **Utilize alternate mode of action herbicides and cultivation, where feasible, in all rotational crops.**
- **If not planting a field in the season following CLEARFIELD® rice, use tillage or burndown herbicides to prevent red rice growth and development throughout the season.**

* These agronomic recommendations should be followed to help maximize control of red rice and to help mitigate the development of red rice resistance.

Always read and follow label directions

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CLEARFIELD® rice varieties are protected under one or more United States Patents: 5,952,553; 6,274,796; 6,222,100; 6,943,280; and 7,019,196; and under one or more Plant Variety Protection Act (PVPA) Certificates 200100106, 200100107, 200200198, and 200500349. Additional patent applications and PVPA applications may be pending. U.S. PROTECTED VARIETY --UNAUTHORIZED PROPAGATION PROHIBITED --UNAUTHORIZED SEED MULTIPLICATION PROHIBITED.