

## TECHNOTE

# GETTING THE MOST OUT OF DIRECTOR 480EC ... APPLY EARLY!

**Consistent field performance over numerous seasons has demonstrated the ideal timing to apply clomazone is EARLY within the designated application strategies, applied to weed free fields or to small grass weeds.**

**Director 480EC Herbicide (480g/L clomazone) offers rice producers flexible management practices, with registrations including though not limited to:**

- Application via SCWIIRT (Soluble Chemical Water Injection In Rice Technique) directly to floodwater of permanently flooded bays by tractor, 4WD motorbike, helicopter or fixed wing aircraft fitted with a Bickley boom.
- Application via drip at inundation
- Application prior to permanent water (to drill or sod sown crops only)

### APPLICATION VIA SCWIIRT

This strategy is applicable to rice producers establishing rice via aerial sowing or broadcasting seed onto the soil surface prior to permanent flood.

### HERBICIDE

#### Single application:

Barnyard grass (BYG) control:

Director @ 400ml/ha for BYG to 2 leaf or  
Director @ 500ml/ha for BYG to 3 leaf or  
Director @ 600ml/ha for BYG to 4 leaf

Silvertop Grass (STG) suppression:

Director @ 500ml/ha for STG to 1 leaf or  
Director @ 600ml/ha for STG to 2 leaf

OR

#### Split application:

Director @ 250-300ml/ha + Taipan @ 2L/ha

FOLLOWED BY

Ordram @ 2.5-3.75L/ha OR Saturn# @ 2.75-3.75L/ha

# DO NOT use Saturn as above on long grain rice.

**Application:** Directly to floodwater of permanently flooded bays by tractor, 4WD motorbike, helicopter or fixed wing aircraft fitted with a Bickley boom.

**Timing:** Applied to permanent flood water in aerial sown rice or rice established by broadcasting seed onto the soil surface prior to permanent flood.

**Rice:** From pre-sowing to 2 leaf stage rice.

**NB: Rice SAFETY:** Illabong is more sensitive. Only apply to permanent water to Illabong previously established by aerial sowing - DO NOT apply to Illabong established by drill, sod or dry broadcast sowing prior to permanent flood.

**Aerial SCWIIRT application via Bickley boom:** Dilute the required volume of Director in 10-20L water/ha, add 41-A drift retardant @ 60gm/100L spray solution or 41-A liquid drift retardant @ 60ml/100L spray solution, and apply to flooded bay via 25m swath widths.

Lock-up bays prior to application to cease water movement, and minimise water movement for 3 days following application.

## APPLICATION VIA DRIP AT INUNDATION

This strategy is applicable to rice producers planting via drill or sod sown, dry sown and aerial sown techniques.

**Herbicide:** 3L Director + 17L clean water provides 20L of dilute solution, applied @ 4L dilute solution per ha will treat 5ha with 600ml/ha of Director.

**Application:** Via constant head siphon dripped into irrigation water at inundation.

**Timing:** Inundation to permanent flood water in drill or sod sown, dry sown and aerial sown crops.

**Rice:** Up to 4 leaf stage rice (LSR).

**BYG:** Up to 2 leaf (or up to 4 leaf for dry sown or aerial sown crops).

**STG suppression:** Up to 2 leaf.

Apply to seedbed free of germinated grass weeds for superior results.

Drip into individual bays or via a backfill system utilising a side channel, rather than top filling or flooding through the upper bays.



For more information on Director, contact your local Nufarm Area Sales Manager.

[nufarm.com.au](http://nufarm.com.au)

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## APPLICATION PRIOR TO PERMANENT WATER

This strategy is applicable to rice producers planting via drill or sod sowing methods.

**Herbicides:** Director @ 500ml/ha + Rifle 440 @ 2.5L/ha.

**Application:** Ground rig only, in a total spray volume of 100 - 150L/ha.

**Timing:** Post Sowing Pre Emergent (PSPE) after the first irrigation flush. Superior weed control will be achieved when applied to a clean, level seed bed (ie. no trash or clods). Apply second flush or permanent water after 2 days and no later than 5 days after application to incorporate the Director and Rifle 440. Apply permanent water within 2 weeks of application to prevent later germinations of barnyard grass.

**Note:** Add Shirquat @ 1.6L/ha PSPE to control emerged grass weeds up to 1 leaf. Do not add Shirquat if rice is emerging.

**Benefits:** Addition of Rifle 440 results in superior BYG control, the most competitive weed in rice production.

**WARNING:** Rifle 440 usage will prevent the ability to re-sow rice in the event a re-plant is required (ie. due to unacceptable rice establishment and plant stand damage resulting from locust invasion).