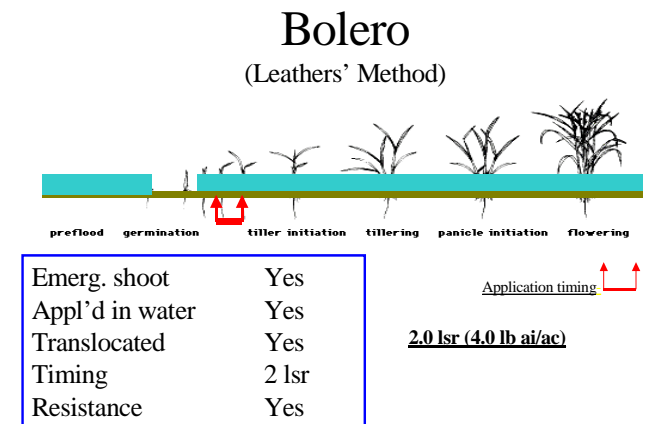
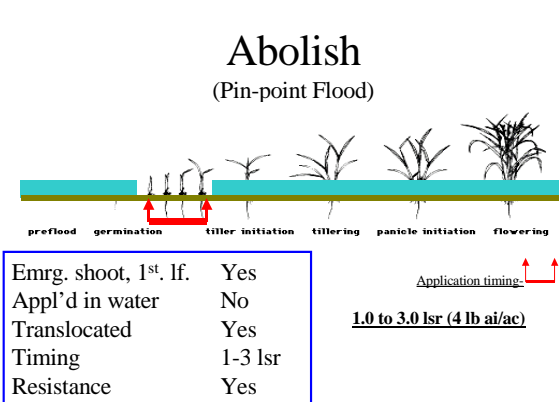
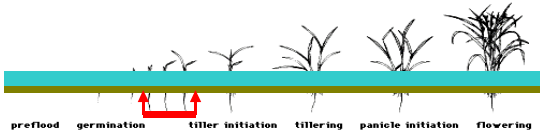


**Figure 1.** Weed Susceptibility, application timing and water management regimes for California rice herbicides.


	barnyardgrass	watergrass	sprangletop	smallflower umbrella	ricefield bulrush	CA arrowhead	Gregg's arrowhead	ducksalad	redstem	monochoria	
Abolish or Bolero	+ / R	+ / R	+	+	-	-	-	-	-	-	+ control - no control ± suppression R resistant
Cerano	+	+	+	-	-	-	-	-	-	-	
Clincher	+ / R	+ / R	+	-	-	-	-	-	-	-	
Grandstand	-	-	-	-	+	-	-	-	+	-	
Londax	-	-	-	+ / R	+ / R	+ / R	-	+	+ / R	-	
Ordram	+ / R	+ / R	-	-	-	-	-	-	-	-	
Regiment	+ / R	+ / R	-	-	+ / R	+ / R	-	-	-	±	
Shark	-	-	-	+	+	+	-	±	±	±	
Stam or Superwham	+	+	-	+	+	±	-	±	±	±	
Whip	+ / R	+ / R	+	-	-	-	-	-	-	-	



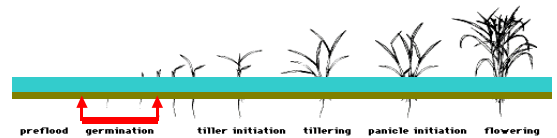
## Bolero (Permanent Flood)




Emerg. shoot	Yes
Appl'd in water	Yes
Translocated	Yes
Timing	1-2 lsr
Resistance	Yes

Application timing   
1.0 to 2.0 lsr (4 lb ai/ac)

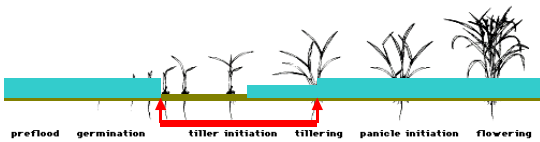
## Cerano (Permanent Flood)




Roots, emerg. Shoots	Yes
Appl'd in water	Yes
Translocated	Yes
Timing	preseed-lsr
Resistance	Limited in late wg.

Application timing   
Preseed to 1.0 lsr (0.6 lb ai/ac)

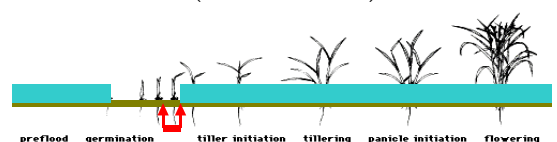
## Clincher (Pin-point Flood)




Foliar	Yes
Appl'd in water	No
Translocated	Yes, moderate
Timing	2 lsr-midtil
Resistance	Yes

Application timing   
2.0 lsr to til (0.25 to 0.31 lb ai/ac)

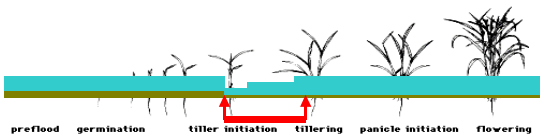
## Clincher (Leathers' Method)




Foliar	Yes
Appl'd in water	No
Translocated	Yes, moderate
Timing	2 lsr
Resistance	Yes

Application timing   
2.0 lsr (0.25 lb ai/ac)

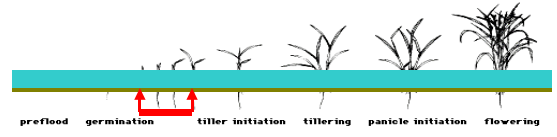
## Grandstand (Pin-point Flood)




Foliar	Yes
Appl'd in water	No
Translocated	Yes
Timing	1 till-maxtil
Resistance	No

Application timing   
1.0 til to maxtil (0.25 to 0.375 lb ai/ac)

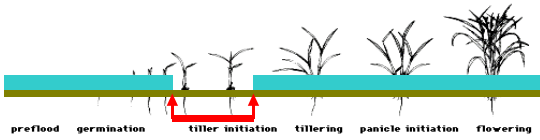
## Londax (Permanent Flood)




Foliar and roots	Yes
Appl'd in water	Yes
Translocated	Yes, moderate
Timing	0-5 lsr
Resistance	Yes

Application timing   
1.0 to 3.0 lsr (0.06 lb ai/ac)

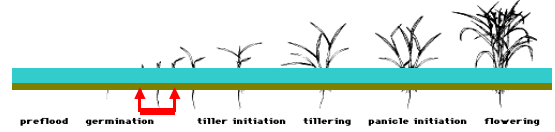
## Londax (Pin-point Flood)




Foliar and roots	Yes
Appl'd in water	Yes
Translocated	Yes, moderate
Timing	0-5 lsr
Resistance	Yes

Application timing   
3.0 lsr to 1-2 til (0.06 lb ai/ac)

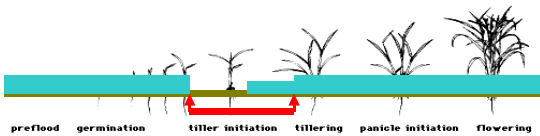
## Ordram (Permanent Flood)




Emerging shoots	Yes
Appl'd in water	Yes
Translocated	Yes
Timing	1-2 lsr
Resistance	Yes

Application timing   
1.0 to 2.0 lsr (4 lb ai/ac)

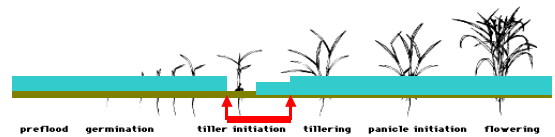
## propanil (Pin-point Flood)




Foliar	Yes
Appl'd in water	No
Translocated	No
Timing	3 lsr-midtil
Resistance	No

Application timing   
3.0 lsr to midtil (3 to 6 lb ai/ac)

## Regiment (Pin-point Flood)

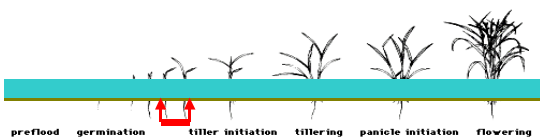


Foliar and roots	Yes
Appl'd in water	No
Translocated	Yes, moderate
Timing	5 lsr-1 til
Resistance	Yes


Application timing   
1.0 til to midtil (15 g ai/ac) (18 g ai/ac\*)

\* For resistant late watergrass

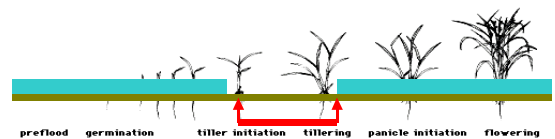
## Shark (D.D.A./D.S.A.) (Permanent Flood)




Foliar	Yes
Appl'd in water	Yes
Translocated	No
Timing	2-3 lsr
Resistance	No

Application timing   
2.0 to 3.0 lsr (0.20 lb ai/ac)

## Whip (Pin-point Flood)



Foliar	Yes
Appl'd in water	No
Translocated	Yes, moderate
Timing	5 lsr-maxtil
Resistance	Yes

Application timing   
5 lsr to maxtil (0.06 to 0.08 lb ai/ac)