

AQUATIC  
HERBICIDE

# Imazacast™

Imazacast is a selective, systemic aqueous formulation herbicide that can be applied either directly to water for the control/suppression of target submerged aquatic vegetation, or it can be applied as a broadcast spray to floating and emergent plants. The systemic activity of Imazamox, the active ingredient, provides leaf to root control of targeted weeds.

## PRODUCT FEATURES:

- Provides control of both surface and submerged vegetation in aquatic environments.
- Can be used in noncrop industrial areas such as railroads, tank farms, pumping stations, rights-of-way.
- There are no restrictions on livestock watering, swimming, fishing, domestic use, or use of treated water for agricultural sprays.
- Quickly absorbed and translocated to growing portions of the target vegetation.
- Active on many submerged, emergent and floating broadleaf and monocot aquatic plants.
- Applications of Imazacast to emergent, floating or shoreline species require the use of a spray adjuvant. Always use a spray adjuvant that is appropriate for aquatic sites.

ACTIVE INGREDIENT: Ammonium salt of Imazamox

HERBICIDE GROUP: 2

ACTIVE INGREDIENT PER GALLON: 1.0 lb

MODE OF ACTION: ALS inhibitor

USE RATES: See use rate chart on back

PACKAGING: 12 x 1 qt, 4 x 1 gal

## LABELED USES:

- Aquatic sites – ponds, lakes, estuarine and marine sites, swamps, marshes, wetlands
- Ditches, canals, creeks, streams, rivers and other slow-moving bodies of water
- Roadsides, fence rows
- Utility rights-of-way
- Railroads
- Industrial noncrop areas – tank farms, pumping stations





## VEGETATION CONTROLLED:

Alligatorweed	Floating heart	Smartweed,	Water lily
Arrowhead	Floating pennywort	swamp/ladysthumb/Pensylvania	Wild taro
Cattail	Flowering rush	Umbrella plant	
Chinese tallowtree	Mosquito fern	Variable-leaf milfoil	
Common reed	Saltcedar	Water hyacinth	

## SUSCEPTIBLE AQUATIC PLANTS:

Bladderwort	Eurasian watermilfoil	Pickerelweed	Water hyacinth
Curlyleaf pondweed	Frog's bit	Spikerush	Water stargrass

## TERRESTRIAL WEEDS CONTROLLED:

Annual ryegrass	Camphor tree	Henbit	Puncturevine
Artichoke, Jerusalem	Canola, volunteer	Jamaican nightshade	Sedge, purple/yellow
Beet, wild	Cattail	Kochia	
Buckwheat, wild	Chickweed	Nettle, burning	
California bulrush	Giant ragweed	Pigweed	

## IMAZACAST RATES PER TREATED SURFACE ACRE

Average water depth of treatment site (feet)	Desired active ingredient concentration (ppb)*			
	50	100	200	500
	IMAZACAST rate per treated surface acre (fl oz)			
1	17	35	69	173
2	35	69	138	346
3	52	104	207	518
4	70	138	277	691
5	87	173	346	864
6	104	207	415	1037
7	122	242	484	1210
8	139	277	553	1382
9	157	311	622	1555
10	174	346	691	1728

\*IMAZACAST contains 1.0 pound of active ingredient per gallon. There are 128 fl oz in one gallon.