

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.