

SELECTIVE HERBICIDE

IMAZACAST[®]

SELECTIVE, SYSTEMIC AQUEOUS HERBICIDE FOR CONTROL OF SUBMERGED AQUATIC VEGETATION.



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 as a broadcast spray to floating and emergent plants. The systemic activity of the active ingredient Imazamox 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, and 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.

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

See label for complete application guidelines and restrictions.

ACTIVE INGREDIENT

1.0 lb ammonium salt of imazamox

HRAC GROUP

2

FORMULATION

Liquid

CHEMICAL FAMILY

Imidazolinone herbicide

COMPARE TO

Clearcast[®]

MODE OF ACTION

ALS inhibitor

RESTRICTED USE

No

SIGNAL WORD

Caution

PACKAGING

12 x 1 qt, 4 x 1 gal

EPA REG NUMBER

42750-314

IMAZACAST®

VEGETATION CONTROLLED

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

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	Puncturvine
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.



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