## **Tech Shares**

## Gemini<sup>®</sup> Granular

High Performance Granular Pre-Emergent Herbicide

Gemini<sup>®</sup> Granular, like Gemini<sup>®</sup> 3.7SC, combines the powerful pre-emergent herbicide Isoxaben with Prodiamine into a convenient granule. Gemini<sup>®</sup> Granular controls 120+ grassy and broadleaf weed species in many use sites: Container & Field Ornamentals, Landscape Ornamentals, and Christmas Tree Farms. Gemini<sup>®</sup> Granular's label lists more than 450 tolerant ornamental plant species, among the best in the category.

## R-50 Optimizer™ Technology; Less Herbicide, More Flexibility

Though powered by Isoxaben and Prodiamine, Gemini<sup>®</sup> Granular is driven by ICL's proprietary R-50 Optimizer<sup>™</sup> Technology. R-50 Optimizer<sup>™</sup> Technology is a transformational efficiency enhancer that gives Gemini<sup>®</sup> Granular the power to control weeds with less herbicide per unit area. Gemini<sup>®</sup> Granular with R-50 Optimizer<sup>™</sup> gives you the option to use it up to three times in one year before reaching maximum limits. And because you can put down more applications per growing season, you can extend the length of control.

## Performance

Gemini<sup>®</sup> Granular works on 120 weeds species. The chart below shows 7 different weed species controlled when applied at the low rate of 100 lbs to the acre.

Gemini <sup>®</sup> G Weed Control Examples								
	Days after Application	3	7	14	21	28	60	90
Common Name	Latin Name	% Control						
Annual Bluegrass	Poa annua	100%	100%	96%	93%	90%	56%	64%
Crabgrass	Digitaria sanguinalis	100%	100%	98%	99%	98%	99%	73%
Chickweed	Stellaria media	100%	100%	100%	100%	100%	100%	100%
Canada Horseweed	Conyza canadensis	100%	100%	100%	100%	96%	98%	97%
White Clover	Trifolium repens	100%	100%	81%	77%	95%	98%	95%
Hairy Bittercress	Cardamine hirsuita	100%	100%	100%	97%	100%	100%	*
Groundsel	Senecio vulgaris	100%	100%	92%	91%	85%	**	**
* Data collection ended at sensence								

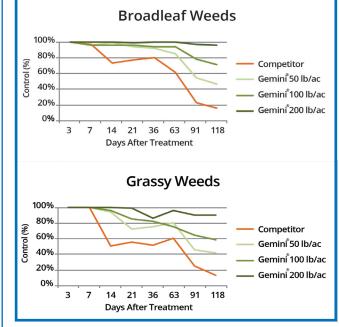
\*\* Data collection ended with Groundsel plants began flowering



*Gemini*<sup>®</sup> *Granular Rate Chart – Highly Flexible Rates with up to 3 applications per year!* 

Amount to Apply	When to Apply	Comments/Instructions			
100-200 lbs to the acre		Use the higher amount for longer control			
or	]	Gemini <sup>®</sup> Granular can be			
37-75 oz/1000 ft²	Anytime weed germination is expected	applied more than once per year as long as the total amount of product applied does not exceed 375 lbs/acre (2.44 lbs. active ingredient/acre) oer year			

Gemini<sup>®</sup> Granular controls Broadleaf and Grassy weeds for up to 4 months. Data shown below shows percent weed seed geminated. Gemini<sup>®</sup> Granule at 200 lbs/acre performed for 4 months.



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