



Tide Diquat 240 SL Herbicide and Desiccant

Advanced Harvest Aid and Non-Selective Weed Control

Why Choose Tide Diquat 240 SL?

- *Fast-acting desiccant and herbicide*
- *No soil residual activity – does not affect seed germination*
- *Works in all weather conditions, even after rainfall*
- *Effective on a broad range of crops and weeds*
- *Compatible with multiple tank mix partners*

Product Overview

Tide Diquat 240 SL Herbicide and Desiccant is a non-volatile, fast-acting contact herbicide used for:

- Desiccation of pulse, oilseed, and legume forage seed crops
- Weed control in vegetable and field crops
- Control of corn spurry in oats
- Weed control in non-crop land (rights-of-way, airports, wasteland, garbage dumps, industrial parks)

Key Product Details

- **Chemistry Group:** Group 22 Herbicide
- **Formulation:** Soluble Liquid (SL)
- **Active Ingredient:** Diquat (as dibromide) – 240 g/L
- **Mode of Action:** Photosystem I Electron Diverter – disrupts plant cell function, causing rapid desiccation and weed death

Best Practices for Use

- **Use clean, non-turbid water for mixing** – muddy water reduces effectiveness
- **Spray coverage is critical** – use higher water volumes for dense canopies
- **Rain fast within minutes** – effectiveness is not reduced by rain shortly after application
- **Apply under cloudy conditions** or before dark for improved performance
- **Avoid mist blowers & rotary atomizer nozzles** – use flat fan or hollow cone nozzles
- **Always use a surfactant** unless otherwise specified

Crops of Usage

Tide Diquat 240 SL is registered for use on the following crops:

- Oats
- Canola
- Flax
- Mustard
- Pulses (Lentils, Peas, Chickpeas, Faba Beans)
- Sunflowers
- Legume Seed Crops (Alfalfa, Clover, Birdsfoot Trefoil)
- Vegetables (Beets, Carrots, Onions, Cole Crops, Corn, Cucumbers, Soybeans, Turnips)
- Non-Crop Areas (Rights-of-Way, Industrial Sites, Roadsides, Airports, Wasteland)

Tank Mix Partners

Tide Diquat 240 SL is compatible with:

- Soil Sterilants for long-term weed control
- Non-ionic surfactants (AGRAL 90 at 1L/1000L spray mix)

- ⊘ Avoid tank mixing with fertilizers unless recommended

Packaging

- 2 x 10L jugs per case
- 110L drums
- 500L IBC totes
- 1000L IBC totes

Application Guidelines

APPLICATION RATES & WATER VOLUME

CROP	RATE (L/ACRE)	APPLICATION METHOD	WATER VOLUME (US GAL/ACRE)	TIMING
Beans (<i>White, Red Kidney, Soybeans, Adzuki</i>)	0.5 - 0.92	Ground & Aerial	12 - 24 (Ground), 5 (Aerial)	80-90% leaf defoliation, 80% pods turned yellow
Canola	0.5 - 0.92	Ground & Aerial	12 - 24 (Ground), 5 (Aerial)	90% seed has turned brown
Chickpeas	0.5 - 0.68	Ground & Aerial	12 - 24 (Ground), 5 (Aerial)	Desi: plants yellow, pods mature, seeds yellow/brown. Kabuli: pods ripe & dry, seeds white/tan
Flax	0.5 - 0.92	Ground & Aerial	12 - 24 (Ground), 5 (Aerial)	75% boll turn stage
Legume Seed Crops (<i>Alfalfa, Clover, Birdsfoot Trefoil</i>)	0.68 - 1.08	Ground & Aerial	12 - 24 (Ground), 5 (Aerial)	Majority of pods ripe, before shattering
Lentils	0.5 - 0.92	Ground & Aerial	12 - 24 (Ground), 5 (Aerial)	Lowermost pods yellow-brown, seeds rattle
Mustard (Condiment Type)	0.5 - 0.92	Ground & Aerial	12 - 24 (Ground), 5 (Aerial)	75% seed turn from green to brown
Oats (<i>Corn Spurry Control</i>)	0.36 - 0.5	Ground only	9 - 14	Oats 8-15 cm tall
Peas	0.5 - 0.92	Ground & Aerial	12 - 24 (Ground), 5 (Aerial)	Bottom pods ripe, dry, seeds detached
Sweet White Lupins	0.92	Ground only	12 - 24	Pods brown, internal seed (endosperm) yellow when cut
Sunflowers	0.5 - 0.92	Ground & Aerial	12 - 24 (Ground), 5 (Aerial)	Seeds mature (20-50% moisture)
Vegetables (<i>Stale Seedbed - Pre-emergent to Crop, Post-emergent to Weeds</i>)	0.92 - 1.84	Ground	32+	Burn off weeds before crop emergence (3 days before)
Vegetables (<i>Inter-row Weeding</i>)	0.92 - 1.84	Ground	96 - 117	Directed spray to avoid crop contact
Perennial Grass Suppression (<i>Under Apple Trees</i>)	1.84	Ground	24 - 72	Avoid spray drift to trees
Non-Crop Land (<i>Rights-of-way, Airports, Industrial Areas, etc.</i>)	0.92 - 1.84	Ground	60 - 117	Higher rate for dense weed growth

Safety & Environmental Considerations

⊘ DO NOT apply by air for:

- Oats (Corn Spurry Control)
- Sweet White Lupins
- Inter-row Vegetable Weeding
- Perennial Grass Suppression

Use protective equipment: Gloves, coveralls, respirator, goggles

Buffer Zones Required:

- 1 metre for field sprayers
- Protect aquatic areas from drift

Observe Pre-Harvest Intervals (PHI):

- Canola, Peas, Lentils: 4-10 days
- Sunflowers: 15-20 days

Use of this product must comply with the label requirements. Always check and follow the most up-to-date label before application.

Resistance Management

- Rotate herbicide groups to prevent resistance development
- Use tank mixes with different modes of action
- Monitor weed populations for signs of resistance



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