



lifescientific®

Soybeans
Canola
Corn

Glymax 540™

Non-Selective Herbicide

Glymax 540™ is engineered with an equivalent 540 g/L glyphosate formulation and surfactant system compared to the trusted Roundup WeatherMAX®. Enabling consistent uptake, dependable **annual** and **perennial weed control**, and predictable performance from **burndown** through **pre-harvest**.

MODE OF ACTION

Water-soluble, non-selective herbicide applied as a foliar spray. Glyphosate moves through the plant from foliage to roots via the phloem. Visible effects on annual weeds within 2-4 days; perennial weeds 7-10 days. No residual soil activity.

KEY BENEFITS

- Non-selective control of **annual weeds**, **perennial weeds**, and **woody brush/trees** when used as directed
- Broad utility across **cropland** and **non-cropland** systems from pre-plant to pre-harvest
- Peak performance under challenging conditions with **30-minute rainfastness**
- Excellent compatibility within **Roundup Ready®** crop varieties for in-season weed control
- First-class performance in **preharvest** applications to prepare your field for the combine
- Equivalent product profile to industry standard benchmark – confirmed by independent LCMS* spectral analysis

(see comparison plot to overleaf)

HERBICIDE | GROUP 9

ACTIVE INGREDIENTS

Glyphosate (K salt)
540 g/L

RESTRICTED-ENTRY INTERVAL

12 hours

PACKAGE SIZE

500L & 1000L Totes



SCOPE OF USE

Crop	Weeds	Rate (mL/A)	Timing Guidelines
Pre-Plant Burndown	Annual weeds	202-943 mL/ac	Prior to planting all crops
RR Canola (in-crop)	Annual/perennial weeds	223-676 mL/ac	Emergence to first flower
RR Soybeans (in-crop)	Annual/perennial weeds	676-1890 mL/ac	1st trifoliolate through flowering
RR Corn (in-crop)	Annual/perennial weeds	676-1348 mL/ac	Up to 8-leaf stage
Pre-Harvest (cereals)	Weed desiccation	676 mL/ac	Hard dough; <30% moisture
Perennial Weeds	Quackgrass, thistle, etc.	676-3238 mL/ac	Species-specific timing

NON-SELECTIVE: Avoid contact with foliage, green stems, or fruit of crops and desirable plants. **DO NOT** use to control aquatic pests. Do not use in greenhouses. Rain within 30 minutes may reduce control. Heavy rain immediately after may require retreatment. **DO NOT** mix, store, or apply in galvanized steel or unlined steel containers (H₂ gas risk).

APPLICATION GUIDANCE

Application Methods: Ground boom (5-30 gal/ac); handheld/ knapsack; selective wipers/rollers

Water Volume: 20-40 L/ac (ground boom); 20-121 L/ac (perennials)

Mixing Notes: Rain within 30 minutes may reduce control; heavy rain immediately after can require retreatment. Works best on actively growing weeds with adequate leaf surface.

Rainfastness: 30 minutes

Aerial Application: Permitted for pre-harvest and limited in-crop RR uses only

Surfactant: Required at low rates (0.5-0.67 L/ha); not needed above 0.83 L/ha

Pressure: Max 275 kPa (40 psi) for boom equipment

Tank-Mix Notes: Compatible with 2,4-D, MCPA, XtendiMax, Pardner, and others per label.

RESTRICTIONS & STEWARDSHIP

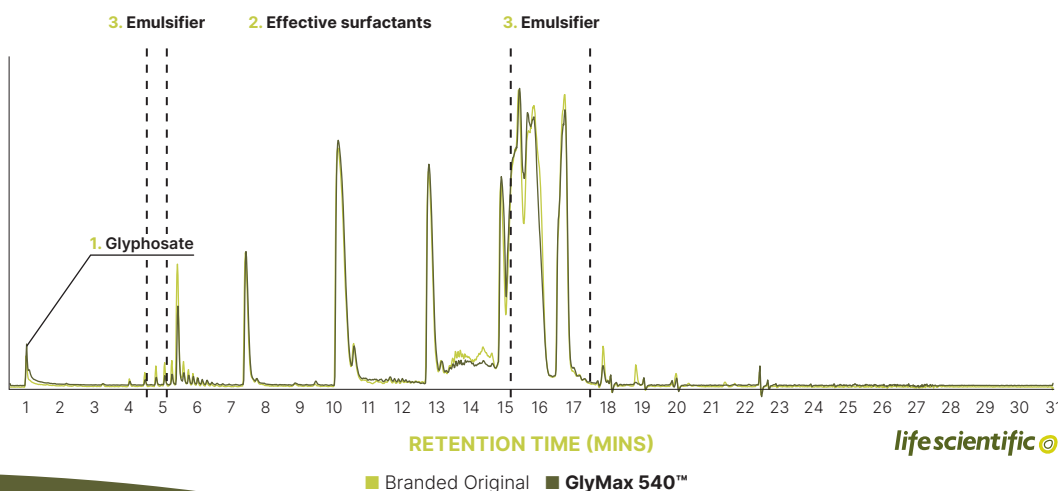
Resistance Management: Group 9 herbicide. Rotate with different herbicide groups within and among growing seasons. Use tank mixes with different groups where permitted.

Storage: Store away from food or feed. Avoid contamination of seed, feed, and foodstuffs.

Grazing: No grazing restrictions for most cropland uses.

Spray Buffer Zones: Vary by crop and application method. Field sprayer: typically 1-2m. Aerial: 15-50m depending on crop. Consult label for specific crops.

LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY ANALYSIS



- Active ingredients –**
Glyphosate
- Complex mixture of effective surfactants known for their high quality emulsifying and dispersing properties. Ensuring a uniform, even spray
- High Quality Emulsifier

*Liquid Chromatography - Mass Spectrometer (LCMS), scan our QR code for more information.

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PCPA REGISTRATION NO. 35747

APPROVAL HOLDER AND MARKETING COMPANY:

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LSID:CA.211-03A.1