



ADJUVANTS FOR
WEED CONTROL



Results.Expect it.

COMPOUND™

ACTIVATOR ADJUVANT

COMPOUND is a low use rate, low odor activator adjuvant designed to maximize the performance of tank mixes applied to turf and ornamentals. COMPOUND effectively buffers spray solutions, maximizes spread, enhances plant cuticle and cell wall penetration and reduces the off-target movement of tank mix partners.

Use Rates

1-3 pints per 100 gallons of spray solution.
(0.125% - 0.375% v/v)

SYNC®

ACTIVATOR ADJUVANT

SYNC is a unique adjuvant technology designed to enhance the performance of both contact and systemic chemistries, even when applied at reduced spray carrier volumes. SYNC improves the placement of spray solution on the leaf blade, optimizes the ability of systemic chemistries to penetrate the waxy cuticle on the leaf surface and buffers the spray solution to optimize tank mix partner solubility.

Use Rates

1 pint per 100 gallons of spray solution
(0.125% v/v)

BORDER™ 2.0

DRIFT REDUCTION AGENT AND DEPOSITION AID

BORDER 2.0 is a concentrated liquid adjuvant for spray droplet management. It enhances the performance of spray applications by modifying the physical characteristics of the spray droplet, improving droplet retention while reducing off-target movement.

Use Rates

2-4 pints per 100 gallons of spray solution
(0.25%–0.50% v/v)

Warm Season Weed Control

Pre-emergence

Active Ingredient	Adjuvant
bensulide	Alypso Plus
dithiopyr	Alypso Plus
indaziflam	Alypso Plus
oxadiazon	Alypso Plus
pendimethalin	Alypso Plus
proflamizone	Alypso Plus
prodiamine	Alypso Plus
siduron	Alypso Plus

Post-emergence

Active Ingredient	Adjuvant
2,4-D	Compound
asulam	SYNC
atrazine	Microyl
bentazon	Microyl
carfentrazone	SYNC
clethodim	SYNC
dicamba	Compound
fenoxaprop	SYNC
florasulam	SYNC
foramsulfuron	Microyl
MCPA	Compound
mecoprop (MCPP)	Compound
metsulfuron	Microyl
quinclorac	Microyl
thiencarbazone	SYNC (With SUs use Microyl)
topramezone	Microyl
triclopyr	Compound

Post-emergence on dormant turf

Active Ingredient	Adjuvant
diquat	SYNC (non-aquatic uses)*
flumioxazin	Compound
glyphosate	Compound
metribuzin	Alypso Plus
sulfosulfuron	Microyl

Non-selective trimming and edging

Active Ingredient	Adjuvant
diquat	SYNC / Delux*
glufosinate	Compound
glyphosate	Compound

Cool Season Weed Control

Pre-emergence

Active Ingredient	Adjuvant
bensulide	Alypso Plus
DCPA	Alypso Plus
dithiopyr	Alypso Plus
indaziflam	Alypso Plus
oryzalin	Alypso Plus
oxadiazon	Alypso Plus
pendimethalin	Alypso Plus
prodiamine	Alypso Plus
siduron	Alypso Plus

Post-emergence

Active Ingredient	Adjuvant
2,4-D	Compound
carfentrazone	SYNC
clethodim	SYNC
dicamba	Compound
fenoxaprop	SYNC
florasulam	SYNC
foramsulfuron	Microyl
MCPA	Compound
mecoprop (MCP)	Compound
metsulfuron	Microyl
quinclorac	Microyl
topramezone	Microyl
triclopyr	Compound

Non-selective trimming and edging

Active Ingredient	Adjuvant
diquat	SYNC / Delux*
glufosinate	Compound
glyphosate	Compound

Recommendations

Border 2.0 for every spray application to ensure herbicides reach the intended target.

MICROYL™

CROP OIL REPLACEMENT ADJUVANT

MICROYL is a unique activator adjuvant that improves herbicide performance and speeds up herbicidal activity. It is a combination of a nonionic surfactant and synthetic oil that reduces injury to turfgrass, while forming a stable micro-emulsion with no residue.

Use Rates

10 -12 oz. per acre

ALYPSO™ PLUS

INFILTRATION SURFACTANT AND WATER CONDITIONER

ALYPSO PLUS contains a naturally-derived surfactant that reduces the surface tension of water and improves the infiltration of rainfall and irrigation into and throughout the turf or plant root zone. The water conditioner in ALYPSO PLUS reduces pH and addresses issues associated with poor water quality. ALYPSO PLUS may be used in conjunction with other soil surfactants, plant protectants or plant nutrients.

Use Rates

32 oz. per acre
(.25 v/v to .50 v/v)

DELUX™

SURFACTANT PLUS AMMONIUM SULFATE ADJUVANT

DELUX is a biodegradable activator surfactant and ammonium sulfate premix formulated to enhance the performance of generic glyphosate and certain post-emergence herbicides on weed species that are responsive to the presence of ammonium ions in the spray solution.

Use Rates

4 -10 quarts per 100 gallons of spray solution. Rates depend on tank mix partners. (See specimen label)
(1% - 2.5% v/v)

**For aquatic applications of herbicides such as Rodeo®, use Delux™*

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BENEFITS OF WEED CONTROL

- More consistent turf stands and playing surfaces
- Healthier turf plants
- Improved aesthetics
- Reduction of invasive weed species

Grasses and broadleaf weeds compete with turf for water and nutrients, diminish the uniformity of playing surfaces on golf courses and sports fields and decrease the aesthetics of commercial and residential turf. Managing the spray solution in the tank, through in the air and on the target improves the performance of herbicides and reduces the applications needed to provide healthy stands of turf. Precision spray tank adjuvants condition spray solutions, get the herbicide to the weed and improve herbicide uptake to maximize herbicide performance.

Consult Precision Laboratories' Adjuvant Use Guide for a more comprehensive listing of adjuvant recommendations. A PDF version can be viewed and downloaded at PrecisionLab.com.