

Glyphosate design for all needs



AkzoNobel has a heritage of successful adjuvant products that are trusted by experienced formulators worldwide due to reliable performance and high quality. As a major supplier of adjuvants to the glyphosate industry, we have a range of Adsee™ products to fit your special need. As a global leader in amine chemistry, with local presence, we can ensure support and delivery wherever you are.



Adsee 907, Adsee X-30

Tallow based amine ethoxylates – the standard work horse in traditional glyphosate formulations. Reliable performance, versatile with Adsee X-30 being the most cost-effective.

Adsee C80W, Adsee C-70A

High efficient coco based amidoamine adjuvants. The surfactant of choice when extremely good compatibility is needed. Excellent in both high load glyphosate formulation and glyphosate multiactive formulations. Low use dosage.

Adsee PE410, Adsee PE410A

An ethoxylated phosphate ester with good ecotox and glyphosate compatibility properties. Available in neutralized form (Adsee PE410) and highly concentrated acid form (Adsee PE410A).

Ethomeen HT/60

Solid amine ethoxylate for dry formulation that ensures excellent bioefficacy of your glyphosate WSG formulation.

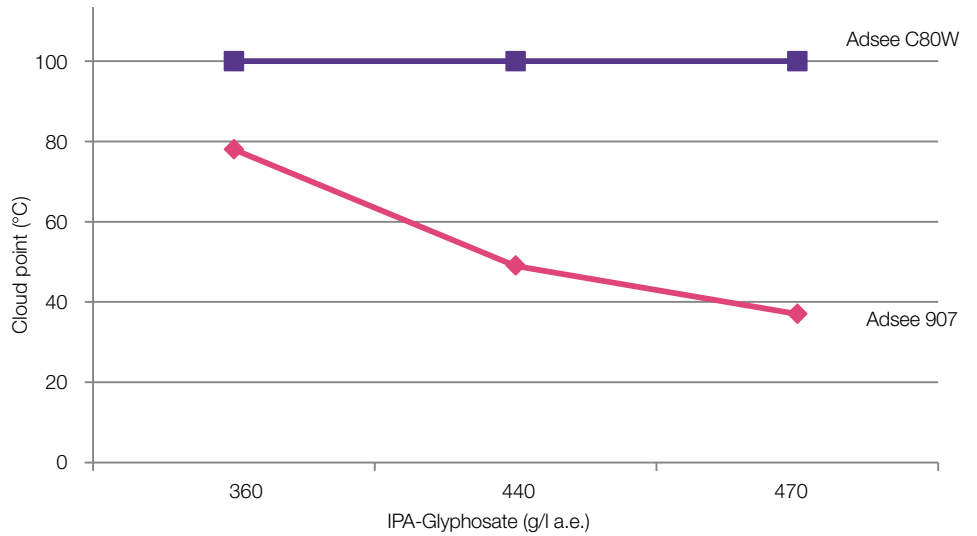
Formulation Guide

Glyphosate formulation	Adsee C80W	Adsee C-70A	Adsee PE410	Adsee 907	Adsee X-30	Ethomeen HT/60
Glyphosate-IPA 360	80-100 g/l	100-120 g/l	100-120 g/l	100-140 g/l	120 g/l	x
Glyphosate-IPA 450	80-100 g/l	100-120 g/l	100-120 g/l	100-140 g/l	120 g/l	x
Glyphosate-K 540	80 g/l	120 g/l	100-120 g/l	x	x	x
Glyphosate-NH4 360	x	100-120 g/l	100-120 g/l	x	120 g/l	x
Glyphosate-DMA 480	80-100 g/l	100-120 g/l	100-120 g/l	100-140 g/l	120 g/l	x
Glyphosate-NH4 72 WSG	80 g/l	x	x	x	x	120* g/l

* add 14% Ammonium sulphate and 10% Propylene glycol

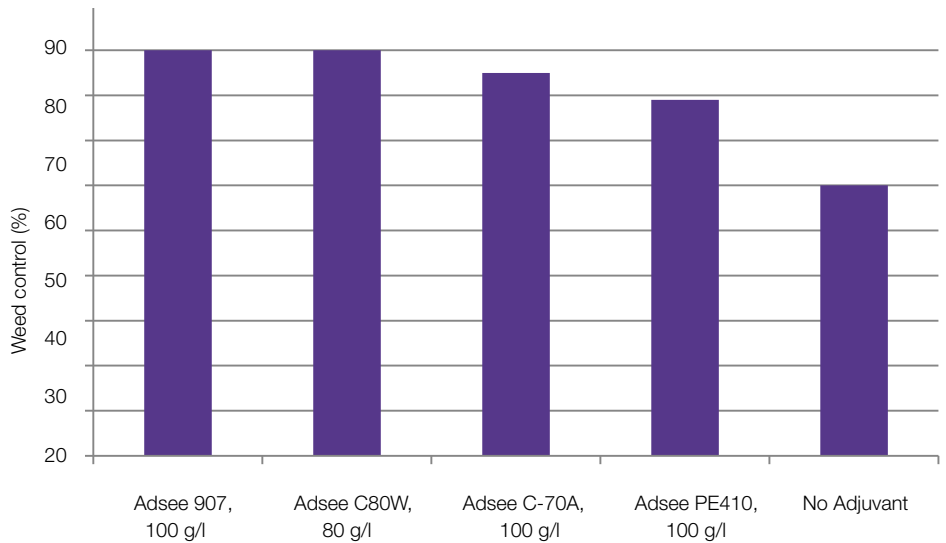
x = not compatible

Compatibility with glyphosate



Cloud point of IPA-glyphosate formulations with two different surfactants; **Adsee 907, Adsee C80W**. Surfactant concentrations are 10 wt-% in all formulations

Field trial results



Mean percentage of the average of two applications and assessments for all weeds after 21 days. Trials made in Australia and Europe. Adjuvants are added to IPA-Glyphosate, 360 g/l a.e.



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AkzoNobel creates everyday essentials to make people's lives more liveable and inspiring. As a leading global paints and coatings company and a major producer of specialty chemicals, we supply essential ingredients, essential protection and essential color to industries and consumers worldwide. Backed by a pioneering heritage, our innovative products and sustainable technologies are designed to meet the growing demands of our fast-changing planet, while making life easier. Headquartered in Amsterdam, the Netherlands, we have approximately 45,000 people in around 80 countries, while our portfolio includes well-known brands such as Dulux, Sikkens, International, Interpon and Eka. Consistently ranked as a leader in sustainability, we are dedicated to energizing cities and communities while creating a protected, colorful world where life is improved by what we do.



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