



Adsee™ AB 650

A tank mix adjuvant designed for use with a wide range of crop protection products and under a wide range of conditions

Effective delivery of crop protection products contribute to their cost effectiveness and the protection of the environment as a whole. Adjuvants are essential in improving this delivery process and help in reducing waste by delivering the crop protection product exactly where it is needed.

Adsee AB 650 is a clear example of a tank mix adjuvant that has been designed for use with a wide range of crop protection products and under a wide range of conditions. The product has been extensively field tested worldwide.

What is Adsee AB 650?

Adsee AB 650 is a specific blend of a modified amine polymer with a sugar based surfactant and also contains an organic buffering agent. The two major components have their specific functions:

- The sugar derivative provides excellent wetting and spreading properties, which allow improved distribution of the spray over the plant leaves
- The amine polymer takes care of better adhesion to the plant surface and facilitates the penetration of the active material through the wax and cuticle layers into the plant system

The interaction of the two surfactants results in synergism, giving excellent results with both contact and systemic crop protection products.

The organic buffer allows the use of Adsee AB 650 with various water qualities.

Product performance

Many years of field experiments have proven the outstanding performance of Adsee AB 650 even at low dose rates. This adjuvant is much more than a simple 'wetter' or 'spreader'.

- Enhances the effectiveness of crop protection products under adverse conditions, for instance when used on resistant weeds species, in severe climatic conditions or with late treatments
- Increases the penetration of systemic crop protection products resulting in faster uptake
- Improves rain fastness due to this faster uptake through the leave wax and cuticle layers
- Increases spreading on and adhesion to the leaves allowing for more consistent results with crop protection products, which are active at the leave surface

Cost-efficiency as a result of the above mentioned performance characteristics, Adsee AB 650 optimizes the application rate of crop protection products, while assisting in increased crop yield.

In case access to water is critical, Adsee AB 650 allows reduction of spray volumes per hectare.



Use recommendation

Adsee AB 650 is designed specifically for mixing with crop protection products in the spray tank immediately prior to spraying.

It is important to add and homogenize Adsee AB 650 with the water in the spray tank before adding any other components. This will help avoiding possible compatibility problems.

The adjuvant is a low viscous liquid and mixes easily with water at normal temperature (between 5 and 25°C). Adsee AB 650 will perform equally well in soft and hard water conditions.

The dose rate can vary between 25 and 150 ml per 100 l water depending on the spray volume used. With low water volumes, like 100-250 liter per ha, Adsee AB 650 has proven to be a very effective tank mix adjuvant at 0.1-0.15 %. If high water volumes are applied (e.g. 500 liter per ha or more) it is advisable to use 0.025-0.05 %.

Application

Adsee AB 650 can be safely used in a variety of areas including weed, fungal and insect control. In addition the adjuvant has shown good performance with miticides, growth regulators and micronutrients.

	Row crops (cereals, oil seed rape)	Tree crops (fruit trees, grapes) **	Non-food (turf, railroads)
Selective herbicides	Sulfonylurea		Sulfonylurea
Non-selective herbicides	Glyphosate	Glyphosate mixtures	Glyphosate mixtures
Contact fungicides	Chlorthalonil	Organo metalics Dithiocarbamates	
Systemic fungicides	Triazoles, Morpholines, Strobis	Triazoles, Stobis, Carboxamides, Pyrimidines, Hydroxyanilides, Quinolines	
Growth regulators	Chlormequat *	IGR (pyriproxyfen,fenotrithon, isoxathion) ***	

* Particularly good performance enhancement under cold conditions

** In case of increased phytotoxicity risk on tree crops reduce adjuvant dose rate to 25 ml per 100 l water

*** Insect growth regulators to control scales on citrus, apples and peaches

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Nouryon

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