

Technical Data Sheet



SPARCE®XPLOID

GENERAL INFORMATION

Category	Co-Adjuvant	Content % w/v
Guarantee of Composition	Activated co-adjuvant	100.00 %
Key feature	Sparce® Xploid is an activating co-adjuvant that, when added to the spray solution together with foliar fertilizers, provides assimilation, movement, and efficiency of the applied elements.	
Manufacturer / Formulator / Distributor	IQ Chemicals & Labs S.A. de C.V. IQ Chem & Labs S.A. de C.V. Agrozimas México S.A. de C.V.	
Registration	In accordance with the regulations of the law, as of March 28, 2005, co-adjuvants do not require registration with COFEPRIS.	

Technical Data Sheet



MODE OF ACTION AND EFFICACY:

Sparce® Xploid is an agricultural activator co-adjuvant designed with BA Technology, formulated to improve the absorption of elements provided by fertilizers applied via foliar application. Its technology modifies two of the efficiency parameters of foliar fertilizers:

- Absorption through the cuticle. Sparce® Xploid stimulates the formation of polar transporters of the elements, which makes fertilizers easier to absorb, with greater activity at points near the stomata and at the bases of the trichomes.
- Translocation of the elements contained in fertilizers. The metabolites contained in its formulation stimulate the mobility of fertilizers through the leaf, both apoplastically and symplastically, until they reach the vascular bundles.
- Solubility. Thanks to its manufacturing process, it is highly soluble and improves the characteristics of the solution when applied together with fertilizers.

This leads to plants having greater photosynthetic activity, greater biomass gain, and crop yield.

METHOD OF APPLICATION:

Sparce® Xploid is designed to be applied via foliar spray on crops. It is completely soluble in water, and it is recommended to dilute it in the amount of water necessary to achieve total coverage of the crop. To prepare, fill the tank with 50% water, shake, add Sparce® Xploid, and top up with the necessary amount of water.

To prepare, fill the tank with 50% water, add SPARCE XPLOID® and the fertilizers to be applied, shake, and then top up with the necessary amount of water.

SPECIAL PRECAUTIONS:

No special equipment is required; however, it is recommended to wear appropriate protective gear such as gloves, waterproof overalls, and safety glasses when handling and applying the product. It is also recommended to follow the recommendations for agrochemical products with which it is mixed.

GENERAL RECOMMENDATIONS:

Apply it together with foliar fertilizers, regardless of how many times they are applied to the crop, to increase their effectiveness.

PHYTOTOXICITY:

Sparce® Xploid is non-toxic to crops at recommended doses.

Do not contaminate water, food, or animal feed when storing or handling the product. Keep it in its original container. • Storage: Keep in a cool place. • Product disposal: If the material is not used in its entirety, keep it in its original container until it is used. • Do not remove the label or repack the product. Container disposal: Do not reuse the container. Do not refill the container. Take to collection centers. Triple wash as follows: Empty the remaining contents into a waste tank for 10 seconds until the container begins to drip. Fill the container 1/4 full of water and shake. Shake for 10 seconds. Pour the rinse into the waste container, repeat the operation from side to side, and repeat a third time from top to bottom.

Technical Data Sheet



COMPATIBILITY:

Sparce® Xploid is a liquid formulation that is fully compatible with neutral to slightly acidic fertilizers and pesticides with current registration. If the origin of the material is unknown, it is recommended to perform a small stability test.

TABLE OF RECOMMENDATIONS AND DOSES

RECOMMENDATIONS AND DOSAGE TABLE:

CROP	DOSE	APPLICATION FORM
Foliar spraying in mixtures with:	Water consumption L/Ha	Dosage of Sparce® Xploid
Plant nutrients (macro and micronutrients alone or in combination)	40-200	50 mL
Biostimulants (mixtures of hormones, algae, amino acids, plant extracts, etc.)	201-400	100 mL
Bioregulators (products with high concentrations of hormonal ingredients)	401-1200	150 mL