

Compatibility with agrochemical products

Our patented CaT™ technology is designed to be compatible with other agrochemical sprays. Our products can be applied alone or in a tank mix.



Benefits of CaT compatibility

- ✓ Trusted over many years with proven compatibility
- ✓ Tested with a wide range of fungicides, insecticides and herbicides
- ✓ Biological compatibility tested in extensive field trials
- ✓ Physical compatibility with agrochemical sprays widely demonstrated
- ✓ Low application volume required due to patented CaT technology.

Our patented CaT technology is designed to improve localised calcium movement, reducing calcium disorders and improving marketable yield. Our product range containing CaT technology, under brands such as InCa™, Veritas™, Amētros™ and Fortalis™, is compatible with most pesticides, adjuvants and foliar fertilisers.

Plant Impact products are formulated for optimal efficacy and stability, with all testing conducted to high industry standards.

Physical compatibility

Physical compatibility is vital when tank mixing. Incompatibility could result in loss of product efficacy and/or damage to your spraying equipment. Therefore, physical compatibility tests with CaT have been conducted with numerous commercial products. It has been demonstrated that CaT is compatible with a range of agrochemical products, see table overleaf for details.

Mixing any product containing calcium, with products containing high levels of sulphate or phosphate, may cause precipitation. We advise that you always conduct a jar test before use.

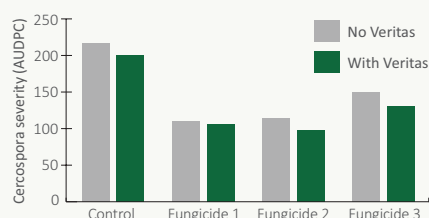
Biological compatibility

Extensive field trials have been conducted to ensure that the individual components of a tank mix are as effective together as they would be applied alone, and the addition of CaT has no further impact on crop safety. See examples below, and the table overleaf.

Examples of biological compatibility

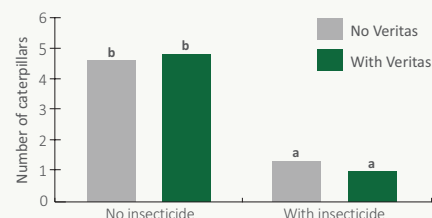
Fungicide

Crop trials in four locations in the USA demonstrated that the fungicide efficacy against cercospora in soybean was not negatively impacted by the addition of Veritas (which contains CaT).



Insecticide

Biological compatibility with Veritas and an insecticide was demonstrated in Brazilian field trials. The effect of insecticide was highly significant ($P < 0.001$), but there was no significant effect of Veritas on caterpillar numbers.



Product	Active ingredient	Plant Impact product	Biological compatibility*	Physical compatibility
Amistar ¹	Azoxystrobin	InCa/Veritas/Amētros	Not assessed	Compatible
Aphox ²	Pirimicarb	InCa/Veritas/Amētros	Not assessed	Compatible
Belt ³	Flubendiamide	InCa/Veritas/Amētros	Compatible	Compatible
Biscaya ³	Thiacloprid	InCa/Veritas/Amētros	Not assessed	Compatible
Capitan 25 ⁴	Flusilazole	InCa/Veritas/Amētros	Not assessed	Compatible
Captan 80 WG ⁵	N-(Trichloromethylthio) cycloheks-4-ene-1, 2-dikarboksyamid	InCa/Veritas/Amētros	Not assessed	Compatible
Chlorpyrifos 75 WG	Chlorpyrifos	InCa/Veritas/Amētros	Not assessed	Compatible
Consento ³	Fenamidone + propamocarb hydrochloride	InCa/Veritas/Amētros	Not assessed	Compatible
Coragen ⁴	Chlorantraniliprole	InCa/Veritas/Amētros	Not assessed	Compatible
Cripton ³	Trifloxystrobin + prothioconazole	Fortalis	Compatible	Compatible
Curyom ¹	Ifenuron + prophenofos	InCa/Veritas/Amētros	Not assessed	With agitation
Curzate WDG ⁴	Cymoxanil + mancozeb	InCa/Veritas/Amētros	Not assessed	Compatible
Dimethoate	Dimethoate	InCa/Veritas/Amētros	Not assessed	Compatible
Dithianon WG	Dithianon	InCa/Veritas/Amētros	Not assessed	Compatible
Elatus ¹	Azoxystrobin + benzovindiflupyr	InCa/Veritas/Amētros	Compatible	Compatible
Elatus WG ¹	Benzovindiflupyr	InCa/Veritas/Amētros	Not assessed	With agitation
Engeo Pleno ¹	Thiamethoxam + lambda-cyhalothrin	InCa/Veritas/Amētros	Compatible	Compatible
Filan ⁶	Boscalid	InCa/Veritas/Amētros	Not assessed	Compatible
Folicur ³	Tebuconazole	InCa/Veritas/Amētros	Not assessed	Compatible
Fox ³	Trifloxystrobin + prothioconazole	InCa/Veritas/Amētros	Compatible	Compatible
Fox ³	Trifloxystrobin + prothioconazole	Fortalis	Compatible	Compatible
Frownicide ⁷	Fluazinam	InCa/Veritas/Amētros	Not assessed	With agitation
Fury 10 EW ⁸	Zetacypermethrin	InCa/Veritas/Amētros	Not assessed	Compatible
Gazelle ⁹	Acetamiprid	InCa/Veritas/Amētros	Not assessed	Compatible
Genie 25 ⁴	Flusilazole	InCa/Veritas/Amētros	Not assessed	Compatible
Hallmark (Major) ¹	Lambda-cyhalothrin + 1, 2-benzisothiazolin-3-one	InCa/Veritas/Amētros	Not assessed	Compatible
Headline ⁶ + Proline ³	Pyraclostrobin + prothioconazole	Fortalis	Compatible	Compatible
Infito ³	Fluopicolide + propamocarb hydrochloride	InCa/Veritas/Amētros	Not assessed	Compatible
Kayak ¹	Cyprodinil	InCa/Veritas/Amētros	Not assessed	Compatible
Markate ¹⁰	Lambda-cyhalothrin	InCa/Veritas/Amētros	Not assessed	Compatible
Mavrik ²	Tau-fluvalinate	InCa/Veritas/Amētros	Not assessed	Compatible
Merlin ³	Isoxaflutol	InCa/Veritas/Amētros	Not assessed	With agitation
Nando ¹¹ + Option ⁴	Fluazinam + cymoxanil	InCa/Veritas/Amētros	Not assessed	Compatible
Opera ⁵	Pyraclostrobin + epoxiconazole	InCa/Veritas/Amētros	Compatible	Compatible
Opera Ultra ⁶	Pyraclostrobin + metconazole	InCa/Veritas/Amētros	Compatible	Compatible
Option (C50) ⁴	Cymoxanil	InCa/Veritas/Amētros	Not assessed	Compatible
Orchestra ⁵	Fluxapyroxad + pyraclostrobin	InCa/Veritas/Amētros	Compatible	Compatible
Plenum ¹	Pymetrozine	InCa/Veritas/Amētros	Not assessed	Compatible
Plover ¹	Difenoconazole	InCa/Veritas/Amētros	Not assessed	Compatible
Priaxor D ⁶	Fluxapyroxad + pyraclostrobin	InCa/Veritas/Amētros	Compatible	Compatible
Priori Top ¹	Azoxystrobin + difenoconazole	InCa/Veritas/Amētros	Not assessed	With agitation
Priori Xtra ¹	Azoxystrobin + cyproconazole	InCa/Veritas/Amētros	Compatible	Compatible
Proline ³ + Headline ⁶	Prothioconazole + pyraclostrobin	Fortalis	Compatible	Compatible
Quadris ¹	Azoxystrobin	Fortalis	Compatible	Compatible
Quadris Top ¹	Azoxystrobin + difenoconazole	InCa/Veritas/Amētros	Compatible	Compatible
Quadris Top SBX ¹	Azoxystrobin + difenoconazole	Fortalis	Compatible	Compatible
Quadris Xtra ¹	Azoxystrobin + cyproconazole	Fortalis	Compatible	Compatible
Quilt Xcel ¹	Azoxystrobin + propiconazole	Fortalis	Compatible	Compatible
Ranman Top ⁷ + Option ⁴	Cyazofamid + cymoxanil	InCa/Veritas/Amētros	Not assessed	Compatible
Scala ³	Pyrimethanil	InCa/Veritas/Amētros	Not assessed	Compatible
Shirlan (Volley) ¹	Fluazinam	InCa/Veritas/Amētros	Not assessed	Compatible
Sphere max ³	Trifloxystrobin + cyproconazole	InCa/Veritas/Amētros	Compatible	Compatible
Sphere max ³	Trifloxystrobin + cyproconazole	Fortalis	Compatible	Compatible
Stratego YLD ³	Prothioconazole + trifloxystrobin	InCa/Veritas/Amētros	Compatible	Compatible
Stratego YLD ³	Prothioconazole + trifloxystrobin	Fortalis	Compatible	Compatible
Systhane 20 EW ⁴	Myclobutanil + cyclohexanone	InCa/Veritas/Amētros	Not assessed	Compatible
Teldor ³	Fenhexamid	InCa/Veritas/Amētros	Not assessed	Compatible
Teppeki ⁷	Flonicamid	InCa/Veritas/Amētros	Not assessed	Compatible
Trivapro ¹	Benzovindiflupyr + azoxystrobin + propiconazole	Fortalis	Compatible	Compatible
Voliam Flexi ¹	Thiamethoxam + chlorantraniliprole	InCa/Veritas/Amētros	Not assessed	Compatible
Voliam Targo ¹	Chlorantraniliprole + abamectin	InCa/Veritas/Amētros	Not assessed	Compatible

¹Syngenta, ²ADAMA, ³Bayer, ⁴Corteva, ⁵UPL, ⁶BASF, ⁷Ishihara Sangyo Kaisha Ltd, ⁸FMC, ⁹Nisso Chemical Europe, ¹⁰Globachem NV, ¹¹Nufarm

*based on biological assessments where conducted

Amētros™ InCa™ Veritas™ Fortalis™

Find more information on our CaT technology at:
www.plantimpact.com e: info@plantimpact.com