

NIENTRIS COMPATIBILITY LIST

The following list of products have been **biologically** tested with *Azotobacter salinestris* CECT 9690 at the dose rates and water volumes shown below. These products are both physically and biologically compatible. Syngenta UK Ltd will support a 2-way mix with the products as listed. For further information on compatibilities, contact Syngenta UK Ltd on 0845 602 5239.

The compatible concentration of mix partner to water volume is very important in a tank mix with a living biological product such as NIENTRIS. Example compatible use rates and water volumes are shown below. If other use rates are required, use the formula below to work out the required minimum water volume.

To work out the minimum water volume of a particular mix, use the calculation:

$$\text{"Mix Partner dose rate"} \div \text{"Compatible concentration"} \times 100 = \text{"minimum water volume"}$$

For example, if using ELATUS ERA at 1.0 l/ha, the minimum water volume would be:

$$1.0 \div 0.75 \times 100 = \text{minimum water vol. of 133 l/ha}$$

FUNGICIDES

Product	Example mix dose rate (lt or kg/ha)	Example minimum water volume (l/ha)	Supported compatible % conc. compatible mix partner to water volume concentration
Agate EW	1.5 l/ha	200	0.75
Allstar	0.8 l/ha	200	0.4
AMISTAR	3.0 l/ha	200	1.5
AMISTAR TOP	1.0 l/ha	200	0.5
AMPHORE PLUS	0.6 l/ha	200	0.3
ANGLE	1.0 l/ha	200	0.5
Ascra Xpro	1.5 l/ha	200	0.75
CARIAL FLEX	0.6 l/ha	200	0.3
Celo	1.5 l/ha	200	0.75
Comet 200	1.25 l/ha	200	0.625
DJEMBE	1.2 l/ha	200	0.6
ELATUS ERA	0.75 l/ha	100	0.75
ELATUS Plus	0.75 l/ha	200	0.375
Enervin	1.2 l/ha	200	0.6
EVAGIO Forte	0.6 l/ha	200	0.3
Fandango Pro	2.0 l/ha	200	0.1
Fezan Extra	1.0 l/ha	100	1
Firefly	2.0 l/ha	200	1
Flexity	0.5 l/ha	100	0.5
Flyer	1.0 l/ha	200	0.5
Folicur	1.0 l/ha	100	1
Infinito	1.6 l/ha	200	0.8

To work out the minimum water volume of a particular mix, use the calculation:

$$\text{"Mix Partner dose rate"} \div \text{"Compatible concentration"} \times 100 = \text{"minimum water volume"}$$

Iodus	1.0	200	0.5
KAYAK	1.5 l/ha	100	1.5
LEVEE	0.75 l/ha	100	0.75
LIZARD	0.75 l/ha	100	0.75
Orius P	1.5 l/ha	200	0.75
ORTIVA	1.0 l/ha	200	0.5
PECARI	0.65 l/ha	200	0.325
Phoenix	1.5 l/ha	100	1.5
Pixxaro	0.5 l/ha	100	0.5
PLEXEO	1.5 l/ha	200	0.75
PLOVER	0.5 l/ha	200	0.25
Priaxor	1.5 l/ha	100	1.5
PRIORI GOLD	1.0 l/ha	200	0.5
Proline	0.8 l/ha	200	0.4
Prosaro	1.0 l/ha	200	0.5
Ranman Top	0.5 l/ha	200	0.25
REVUS	0.6 l/ha	200	0.3
Rudis	0.25	400	0.0625
Serenade ASO	5.0 l/ha	200	2.5
Signum	1.5 kg/ha	200	0.75
SL567A	1.3 l/ha	200	0.65
Sparticus Xpro	1.25 l/ha	200	0.63
SWITCH	1.0 kg/ha	200	0.5
TACANZA ERA	0.75 l/ha	100	0.75
Talius	0.25	100	0.025
Tebucor	1.0 l/ha	100	1
TOPREX	0.3 l/ha	100	0.3
UNIX	1.0 kg/ha	100	1
Variano Duo	2.0 l/ha	200	1
VELOGY ERA	0.75 l/ha	100	0.75
VIMOY	1.5	200	0.75
WEAVER	3.0 l/ha	200	1.5

HERBICIDES

Product	Example mix dose rate (lt or kg/ha)	Example minimum water volume (l/ha)	Supported compatible % conc.
ACOLNIS	0.82 l/ha	100	0.82
Alias SX	0.025 kg/ha	100	0.025
Ally Max SX	0.03 kg/ha	100	0.03
Agritox	1.0 l/ha	200	0.5
Answer SX	0.03 kg/ha	100	0.03
Atlantis Pro	1.2 l/ha	100	1.2
Atlantis Star	0.333 kg/ha	100	0.333
AXIAL PRO	0.82 l/ha	100	0.82

To work out the minimum water volume of a particular mix, use the calculation:

$$\text{"Mix Partner dose rate"} \div \text{"Compatible concentration"} \times 100 = \text{"minimum water volume"}$$

Belkar	0.5 l/ha	100	0.5
Benta 480SL	2.0 l/ha	300	0.67
Bettix Flo	1.0 l/ha	300	0.33
Broadway Star	0.265 kg/ha	100	0.265
CALLISTO	1.5 l/ha	100	1.5
CAMIX	1.4 l/ha	200	0.7
CASPER	0.5 l/ha	100	0.5
CHORISTE	2.0 kg/ha	300	0.67
Clayton Tacit/Fence	0.5 l/ha	100	0.5
Crystal	4.0 l/ha	200	2
DEFY	5.0 l/ha	100	5
Doxstar	2.0 l/ha	200	1
DUAL GOLD	1.25 l/ha	100	1.25
ELUMIS	2.0 kg/ha	300	0.67
EVOLYA	0.3 kg/ha	80	0.375
Falcon	1.5 l/ha	100	1.5
Finy	0.03 kg/ha	100	0.03
Galaxy	1.5 l/ha	200	0.75
GLODIAC	0.82 l/ha	100	0.82
Harmony M SX	0.125kg/ha	200	0.0625
Inka SX	0.1 kg/ha	200	0.05
JADE	5.0 l/ha	100	5
Jubilee SX	0.03 kg/ha	100	0.03
KANASTER	0.75 l/ha	90	0.82
Liberator	0.6 l/ha	200	0.3
Lontrel 600	0.17 l/ha	200	0.085
LUTIMOR	0.82 l/ha	100	0.82
MCPA 500	1.0 l/ha	200	0.5
MERISTO	1.5 l/ha	100	1.5
MILAGRO 400D	1.5 l/ha	100	1.5
Monolith	0.33 kg/ha	200	0.165
Mozaic SX	0.125kg/ha	200	0.0625
Nuance	0.025 kg/ha	100	0.025
Omaha 2	2.5 l/ha	100	2.5
OLUPAL	0.82 l/ha	100	0.82
Paramount Max	0.025 kg/ha	200	0.0125
PEAK	0.03 kg/ha	200	0.015
Pixxaro EC	0.5 l/ha	200	0.25
Proverb	0.333 kg/ha	200	0.1665
Quantum SX	0.03 kg/ha	100	0.03
Samson Extra 600D	0.75 l/ha	200	0.375
SCINTILLA	0.75 l/ha	90	0.82
Sencorex Flow	1.0 l/ha	100	1
Shotput	0.5 kg/ha	100	0.5
SPANDIS	0.4 kg/ha	100	0.4

To work out the minimum water volume of a particular mix, use the calculation:

$$\text{"Mix Partner dose rate"} \div \text{"Compatible concentration"} \times 100 = \text{"minimum water volume"}$$

Stomp 400SC	4.0 l/ha	100	4
Thor	0.03 kg/ha	100	0.03
Titus	0.03 kg/ha	100	0.03
Tower	2.0 l/ha	200	1
Trimeo 75WG	0.025 kg/ha	100	0.025
WICKET	5.0 l/ha	100	5
Zypar	1.0 l/ha	200	0.5

INSECTICIDES

Product	Example mix dose rate (lt or kg/ha)	Example minimum water volume (l/ha)	Supported compatible % conc.
Aphox	1.0 kg/ha	200	0.5
AFINTO	0.14 kg/ha	200	0.07
HALLMARK ZEON	0.075 l/ha	100	0.075
KENDO	0.2 l/ha	200	0.1
KUNG FU	0.2 l/ha	200	0.1
KUSTI	0.2 l/ha	200	0.1
MINECTO ONE	0.1875 kg/ha	100	0.1875
NINJA	0.2 l/ha	200	0.1
Rumo	0.005 l/ha	200	0.0025
STEALTH	0.075 l/ha	100	0.075
Steward	0.125 kg/ha	100	0.125
Tracer	0.2 l/ha	200	0.01
Teppeki	0.14 kg/ha	200	0.07
Tracer	0.2 l/ha	200	0.1
Verimark	0.6 l/ha	200	0.03
VOLIAM	0.15 l/ha	100	0.15
WARRIOR	0.075 l/ha	100	0.075

PGR'S

Product	Example mix dose rate (lt or kg/ha)	Example minimum water volume (l/ha)	Supported compatible % conc.
Adjust	2.3 l/ha	200	1.15
Bolster	1.5 l/ha	100	1.5
Cerone	1.0 l/ha	200	0.5
CCC 720	2.0 l/ha	100	2
Cleancrop Alatrín Evo	0.8 l/ha	200	0.4
CIRCLE	0.4 l/ha	100	0.4
Medax Max	1.5 kg/ha	200	0.75
MODDUS	0.4 l/ha	100	0.4
PALISADE	0.4 l/ha	100	0.4
SCITEC	0.4 l/ha	100	0.4
SONIS	0.4 l/ha	100	0.4
Terpal	1.5 l/ha	200	0.75

To work out the minimum water volume of a particular mix, use the calculation:
 "Mix Partner dose rate" ÷ "Compatible concentration" × 100 = "minimum water volume"

ADJUVANTS

Product	Example mix dose rate (lt or kg/ha)	Example minimum water volume (l/ha)	Supported compatible % conc.
ADIGOR	1.0 l/ha	100	1
Actirob	2.0 l/ha	200	1
Biopower	1.0 l/ha	100	1
Olie-H	6.25 l/ha	400	1.6
Silwet L-77	0.3 l/ha	200	0.15

BIOSTIMULANTS

Product	Example mix dose rate (lt or kg/ha)	Example minimum water volume (l/ha)	Supported compatible % conc.
Status	0.25 l/ha	100	0.125
Sycon	1.0 l/ha	200	0.5
QUANTIS	2.0 l/ha	200	1
Grow Plus	1.0 l/ha	200	0.5

TRACE ELEMENTS

Product	Example mix dose rate (lt or kg/ha)	Example minimum water volume (l/ha)	Supported compatible % conc.
Bortrac	1.0 l/ha	200	0.5
Groplan P	0.5 l/ha	200	0.25
Human 15	1.0 l/ha	400	0.25
MagFlo	4.0 l/ha	200	2
Manganese sulphate	2.0 kg/ha	200	1
Mangannitrat (235 manganese)	2.0 l/ha	200	1
Manganesesulfat	2.0 l/ha	200	1
Mensa (Mn + S)	5.0 l/ha	200	2.5
Nutriphite PGA	1.0 l/ha	200	0.5

To work out the minimum water volume of a particular mix, use the calculation:

$$\text{"Mix Partner dose rate"} \div \text{"Compatible concentration"} \times 100 = \text{"minimum water volume"}$$

NOT SUPPORTED

The following products did not meet the minimum number of colony forming units (CFUs) during testing. Syngenta therefore does NOT support these products, at any water volume, with NIENTRIS.

The table shows the dose rate and water volume that did not meet the minimum standard. Further testing may be conducted in the future at lower concentrations. :

FUNGICIDES

Product	Max Dose rate (lt or kg/ha)	Water volume (l/ha)
Helix	1.25 l/ha	100
Shirlan	0.4 l/ha	200
TOPAS 100	0.2 l/ha	200
Univoq	2.0 l/ha	200
MIRROR	1.5 l/ha	200
Peqtiga / Peacoq / Questar	2.0 l/ha	200
UNIVERSALIS	1.5 l/ha	200

HERBICIDES

Product	Dose (lt or kg/ha)	Water volume (l/ha)
Botiga	1.0 l/ha	100
Korvetto	1.0 l/ha	100
Leystar	1.5 l/ha	100
Starane XL	1.5 l/ha	200

TRACE ELEMENTS

Product	Max Dose rate (lt or kg/ha)	Water volume (l/ha)
Advance 66	2.0 l/ha	200
Cearum	2.0 l/ha	200
Human Z50	2.0 l/ha	200
Turan (Zinc Oxide, Monoethanolamine, Copper Oxide)	1.0 l/ha	200
Master Mag (7% MgO + S + TE)	2.5 l/ha	200

Use plant protection products safely. Always read the label and product information before use.

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