



## Product Compatibility CEASE<sup>®</sup>

CEASE (*Bacillus subtilis*, strain QST 713) is an excellent tank-mix or rotational partner in your disease control program, providing the benefits of improved efficacy, resistance management, and food, worker, and environmental safety.

CEASE has been tested for compatibility with dozens of commonly used pesticides, nutrients, and adjuvants at the rate of 4qt/ 100 gallons and was found to be compatible with nearly all inputs. Make applications of tank mix solutions as soon as possible after mixing and do not store overnight.

Adjuvant Compatibility	
Brand Tested	Compatibility
Bond <sup>®</sup>	Yes
Capsil <sup>®</sup>	Yes
COHERE <sup>®</sup>	Yes
Hasten <sup>®</sup>	Yes
Hyper-Active <sup>®</sup>	Yes
Intac <sup>®</sup>	Yes
Kinetic <sup>®</sup>	Yes
Nu-Film <sup>®</sup> P and 17	Yes
Quest <sup>®</sup>	Yes
R-11 <sup>®</sup>	Yes
R-56 <sup>®</sup>	Yes
Silwet <sup>®</sup> L77	Yes
Spray-Aide <sup>®</sup>	Yes
Sylgard <sup>®</sup> 309	Yes
Tactic <sup>®</sup>	Yes
Yucca Extracts	Yes
Zonix	Yes

Fertilizer Compatibility	
Brand Tested	Compatibility
Epsom Salts	Yes
Fish Oil	Yes
Nutri-phite <sup>®</sup>	Yes
Nutri-phite <sup>®</sup> PK	Yes
<b>ON-Gard<sup>®</sup></b>	Yes
Various	Yes
	Note: Fertilizers vary in physical properties so a jar test is recommended prior to the first.



Fungicide Compatibility		
Brand Tested	Active Ingredient(s)	Compatibility Comments
Acrobat® 50 WP	Dimethomorph	Yes
Actinovate® SP	Streptomyces lydicus WYEC 108	Yes
Agri-Mycin® 17	Streptomycin Sulfate	Yes
Aliette® 80 WDG	Fosetyl-al	No
Blightban®	Pseudomonas	Yes
Bravo®, Echo®, Daconil®	Chlorothalonil	Yes
Camelot®	Copper salts of fatty acids	Yes
Champ®	Copper Hydroxide	Yes
Chipco® 26GT	Iprodione	Yes
Companion®	<i>Bacillus subtilis</i> GBO3	Yes, compatibility when held less than 2 hours
Dithane® DF, Fore® Rainshield	Mancozeb	Yes
Eagle® 20 EW, Rally® 40W, Nova®	Myclobutanil	Yes
Elite® 45 WP	Tebuconazole	Yes
Heritage®, Quadris®, Abound®	Azoxystrobin	Yes
Kocide® 101	Copper Hydroxide	Yes
Lime Sulfur	Sulfur	Yes
Maneb®	Maneb	Yes
Microthiol®	Sulfur	Yes
<b>MilStop®</b>	Potassium Bicarbonate	Yes
Mycoshield®	Oxytetracycline	Yes
Nu-Cop®, Kocide® 101	Copper Hydroxide	Yes
Pageant®, Pristine®	Boscalid + Pyraclostrobin	Yes
PERpose® Plus	Hydrogen peroxide	Yes, at 200 ppm and below, held 2 hours or less
Phyton® 27	Copper sulfate pentahydrate	Yes
Quintec®	Quinoxifen	Yes
Roval®	Iprodione	Yes
Reason®	Fenamidone	Yes
Scala®	Pyrimethanil	Yes
TetraCURB	Rosemary Oil	Yes
	(intentionally left blank)	



Fungicide Compatibility Continued		
Brand Tested	Active Ingredient(s)	Compatibility Comments
RootShield® WP	<i>Trichoderma harzianum</i> strain T-22	Wait 1 day after CEASE application (4 qt/100 gal max)
RootShield® PLUS <sup>+</sup> WP	<i>Trichoderma harzianum</i> strain T-22 and <i>Trichoderma virens</i> strain G41	Wait 1 day after CEASE application (4 qt/100 gal max)
JMS Stylet-Oil®	Paraffinic Oil	Yes
Tilt®, Orbit®, Banner Maxx®	Propiconazole	Yes
Topsin®, 3336®	Thiophanate-methyl	Yes
Trilogy®	Neem Oil	Yes
Vanguard®	Cyprodinil	Yes
Fosphite, Phostrol	Phosphorous Acid	Yes
Pristine, Signum	Boscalid + Pyroclostrobin	Yes
Switch	Cyprodinil + Fludioxonil	Yes
Teldor	Fenhexamid	Yes
Luna Prime, Luna Privilege, Velum	Fluopyram	Yes
Luna Tranquility	Fluopyram/pyrimethanil	Yes
Luna Experience	Fluopyram/tebuconazole	Yes
Luna Sensation	Fluopyram/trifloxystrobin	Yes
Mepanipyram	Frupica	Yes
Penconazole	Topas	Yes

Insecticide Compatibility		
Brand Tested	Active Ingredient(s)	Compatibility Comments
Avid®, Varsity®	Abamectin	Yes
Conserve® SC, Spintor®, Success®	Spinosad	Yes
DiPel® Pro DF, Javelin®	<i>Bacillus thuringiensis</i>	Yes
Mainspring	Cyantraniliprole	Yes
Merit®, Provado® 75 WP, Marathon®	Imidacloprid	Yes
Trilogy	Neem Oil	Yes
Preferal®	<i>Isaria fumosorosae</i> Apopka Strain 97	Yes (May have a negative impact on Preferal)
Pounce, Ambush	Permethrin	Yes
Capture	Bifenthrin	Yes
Various	Deltamethrin	Yes
Calypso	Thiocloprid	Yes



Insecticide Compatibility Continued		
Brand Tested	Active Ingredient(s)	Compatibility Comments
JMS Stylet-Oil®	Paraffinic Oil	Yes
M-Pede	Potassium salts of fatty acids	Yes
Karate	Lambda-cyhalothrin	Yes
Vydate	Oxamyl	Yes
SuffOil-X®	Mineral Oil	Yes
<b>BotaniGard® ES, BotaniGard® 22WP, Mycotrol® ESO, Mycotrol® WPO</b>	<i>Beauveria bassiana</i> , strain GHA	Yes, CEASE at 4 qt /100 gal <b>At 8 qt CEASE/100 gal wait 1 day</b>
<b>BotaniGard® MAXX</b>	Pyrethrins, <i>Beauveria bassiana</i> , strain GHA	Yes, CEASE at 4 qt/100 gal & BotaniGard MAXX at 2 qt/100 gal <b>At 8 qt CEASE/100 gal wait 1 day</b>

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