

CEASE®

Compatibility

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 physical compatibility with dozens of commonly used pesticides, nutrients, and adjuvants, and was found to be physically 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	Physical Compatibility
Bond®	Yes
Capsil®	Yes
COHERE®	Yes
Hasten®	Yes
Hyper-Active®	Yes
Intac®	Yes
Kinetic®	Yes
Nu-Film® P and 17	Yes
Quest®	Yes
R-11®	Yes
R-56®	Yes
Silwet® L77	Yes
Spray-Aide®	Yes
Sylgard® 309	Yes
Tactic®	Yes
Yucca Extracts	Yes
Zonix	Yes

Fertilizer Compatibility	
Brand Tested	Physical Compatibility
Epsom Salts	Yes
Fish Oil	Yes
Nutri-phite®	Yes
Nutri-phite® PK	Yes
ON-Gard®	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)	Physical Compatibility
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 hrs
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
MilStop®	Potassium Bicarbonate	Yes and biological compatibility
Mycoshield®	Oxytetracycline	Yes
Nu-Cop®, Kocide® 101	Copper Hydroxide	Yes
OxiDate®	Hydrogen Dioxide	Yes
Pageant®, Pristine®	Boscalid + Pyraclostrobin	Yes
PERpose® Plus	Hydrogen peroxide	Yes (Biological compatibility: At 200 ppm and below, held 2 hrs or less)
Phyton® 27	Copper sulfate pentahydrate	Yes
Preferal®	<i>Isaria fumosorosae</i> Apopka Strain 97	Yes (May have a negative impact on Preferal)
Quintec®	Quinoxifen	Yes
Roval®	Iprodione	Yes
Reason®	Fenamidone	Yes

Fungicide Compatibility Continued		
Brand Tested	Active Ingredient(s)	Physical Compatibility
RootShield® WP	<i>Trichoderma harzianum</i> strain T-22	Yes. Physical but NOT biological compatibility. Wait 1 day after CEASE application
RootShield® PLUS ⁺ WP	<i>Trichoderma harzianum</i> strain T-22 and <i>Trichoderma virens</i> strain G41	Yes. Physical but NOT biological compatibility. Wait 1 day after CEASE application
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)	Physical Compatibility
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
Pounce, Ambush	Permethrin	Yes
Capture	Bifenthrin	Yes
Various	Deltamethrin	Yes
Calypso	Thiocloprid	Yes
JMS Stylet-Oil®	Paraffinic Oil	Yes
M-Pede	Potassium salts of fatty acids	Yes

Insecticide Compatibility Continued		
Brand Tested	Active Ingredient(s)	Physical Compatibility
Karate	Lambda-cyhalothrin	Yes
Vydate	Oxamyl	Yes
SuffOil-X®	Mineral Oil	Yes
BotaniGard® ES, BotaniGard® 22WP, Mycotrol® ESO, Mycotrol® WPO	<i>Beauveria bassiana</i> , strain GHA	Yes. Physical and biological compatibility at 4 qt CEASE/100 gal At 8 qt CEASE/100 gal wait 1 day
BotaniGard® MAXX	Pyrethrins, <i>Beauveria bassiana</i> , strain GHA	Yes. CEASE at 4 qt/100 gal & BotaniGard MAXX at 2 qt/100 gal

Refer to product labels for complete application details. Additional technical information is available on our website (bioworksinc.com) or from your BioWorks technical sales representative. Always read and follow label instructions.