

# COMPATIBILITY OF CataPult™ WITH AGROCHEMICALS

## GENERAL COMMENTS:

1. The VAM and Bacillus in CataPult are present in spore form which means they are largely protected from agrochemicals during application. It is mainly after the spores germinate that they become susceptible to toxicity effects.
2. For any biological inoculant product the basic rule is – Add all ingredients into the tank mix except the biological product. Dilute to close to full volume then add the biological, mix and apply asap. This prevents the biological product sitting in a concentrated solution of agrochemicals before being diluted with water.
3. CataPult can be co-applied with fertilisers and other similar products, for example via liquid injection at planting.
4. Consult the table below to assess whether specific agrochemicals will affect CataPult performance.
5. Application of agrochemicals as a seed coat is not a problem as they disperse in the soil soon after planting.

For questions regarding compatibility of agrochemicals contact [info@vanadisbioscience.com](mailto:info@vanadisbioscience.com)

COMPATIBLE WITH CataPult™	INCOMPATIBLE WITH CataPult™
<b>FUNGICIDES</b>	
bromochlorodimethyl (Agribrom) captafol (Captafol) carbamate (Fermate) chinosol (Beltanol) chlorothalonil (Bravo, Daconil) chloroneb (Terraneb SP, Demosan) ciprodinyl (in Forum) <b>NOT OK AS SOIL DRENCH</b> cobre (Inacop, Kocide) fosetyl-AL (Alliette, Prodigy) dienochlor (Pentac) difenoconazol (Dividend) dimetomorph (Switch) <b>NOT OK AS SOIL DRENCH</b> iprodione (Chipco 26019, Rovral) <b>NOT OK AS SOIL DRENCH</b> fenaminosulf (Lesan) fenbutatin-oxyde (Vendex 50W) fenhexamide (Teldor) <b>NOT OK AS SOIL DRENCH</b> ferbame (Ferbam) fludioxonil (seed treatments eg Spirato, Celest) himexazol (Taghigaren) metalaxyl/mefenoxam (Ridomil, Subdue Maxx) <b>NOT OK AS SOIL DRENCH</b> penflufen (Pentri 308FS) penthiopyrad (Vertisan) pirimicarb (Pirimor) propamocarb (Banol, Previcur) pyraclostrobine (Insure Cereal) quinosol (Beltanol) sedaxane Vibrance 500 FS) streptomycine (Agri-Step) sulfur thiophanate-methyl (Cleary's 3336, Fungo, Systec 1998) thiram (Thiram, Tersan 75) trifloxystrobin (Compass) triticonazole (Charter RTU) triforine (Fungiex) vinclozolin (Curalan)	azoxystrobin (Heritage, Dynasty) benodamil (Bayleton) benomyl (Benomyl, Benlate) captan (Captan, Orthocide) carbendazim (Bavistan) carboxin (Vitavax) chlorothalonil (Daconil) ciproconazole (Caddy) dicloran (Botran 75W) etridiazol/thiophanate-methyl (Banrot) fenarimole (Rubigan) fenhexamida (Teldor) folpet/dazomet (Phaltan) hymexazole (Tachigarem) kresoxim-methyl (Sovram) manate (Maneb) mancozeb (Dithane) mepanipyrim (Frupica) miclobutanil (Sinthane) penconazole (Topas) poloxina B (Rootella, Laicon) prochloraz (Octagon) propiconazole (Banner Max) quintozene (PCNB Terrachlor, Turfcide) thiophanate-methyl (Easout) topsin (Topsin M, Duosan) thiazole (Benomyl, Benlate, Tersan 1991) triadimefon/trifloxystrobin (Bayleton) tridemorph (Calixin)

<b>HERBICIDES</b>	
2,4-D at 1mM but not more that 3mM acetochlor (Dual) atazine (Atrazine, Atraflo, Atranex) chlorpropham (CIPC) chlorsulfuron diuron (Karmex) glyphosate (Roundup, Touchdown, Sting) gliphosate, (Erase, Preeglon) imazethapyr, imazapyr (Hammer, Arsenal) linuron (Linagan) MCPA oxadiazon (Ronstar) paraquat pendimethalin (Stomp) simazine (Simazine, Simanex) trifluralin (Trifluralin)	dichloberul oxyfluorfen (Goal) terbuthylazine
<b>SOIL FUMIGANTS</b>	
chloropicrin isoflanoid compounds	dazomet EDB methylbromide
<b>INSECTICIDES</b>	
acephate (Acephate, Orthene) bifenthrin (Telstar) carbaryl (Sevin, Karbaspray, Sluggem, Slaklokaas) dichlorfos dicofol (Kelthane) endosulfan (Thionex, Thioflo, Endoflo) fenvalerate (Sanvalerate, Fenvalerate) fenitrothion (Sumithion, Folithion) imidacprid (Confidor) mercaptothion (Mercaptothion) sodium fluosilicate (Cutworm bait)	alpha-cypermethrin chlorpyrifos (Dursban, Chlorpyrifos) cypermethrin (Cymbusch, Pipcord, Kemprin) deltamethrin (Decis, Deltamethin, Bitam) diazinon diflubenzuron (Dimillin) dimethoate (Rogor, Dimet, Fetron) isofenphos lambda-cyhalothrin (Karate, Zeon) oxamyl permethrin (Sanathrin, Ant Killer dust) quinalphos (Kombat, Bonus)
<b>NEMATICIDES</b>	
cadusafos (Rugby) fenamiphos (Nemacur, Fenamiphos) fulfural (Cropguard)	aldicarb (Temik, Sanacarb) carbofuran (Curator, Furadan) carbosulfan (Marshall) oxamyl (Vydate, Oxagran)

