



PPS-jaarrapportage 2017

De PPS-en die van start zijn gegaan onder aansturing van de topsectoren dienen jaarlijks te rapporteren over de inhoudelijke en financiële voortgang. Voor de inhoudelijke voortgang dient dit format gebruikt te worden. Voor PPS-en die in 2017 zijn afgerond is een apart format "PPS-eindrapportage" beschikbaar.

De jaarrapportages worden integraal gepubliceerd op de websites van de TKI's/ topsector. Zorg er svp voor dat er geen vertrouwelijke zaken in de rapportage staat.

General	
PPS-number	KV 1409-031
Title	Groene Veredeling - A multidisciplinary approach for damping-off resistance in spinach
Roadmap/theme	Better Plants for New Demands
Knowledge Institute	Wageningen Plant Research/Plant Breeding
Project leader research (name + email adress)	Olga Scholten Olga.scholten@wur.nl
PPS-coordinator (private company)	Jan de Visser, Pop Vriend Seeds BV
Contact person Ministry	Jan van Vliet, Marien Valstar & Leo Oprel
Start date	03-04-2015
End date	03-11-2020

Highlights: geef een korte beschrijving van de belangrijkste resultaten tot nu toe

Organic production of baby-leaf spinach can suffer very seriously from damping-off and root rot diseases. Symptoms of damping off and root rot consist of poor seed germination, pre-emergence death of seedlings, post-emergence death of newly emerged seedlings and stunted plants. Roots of infected plants can appear water-soaked or brown to black in colour.

In 2016 and 2017, various experiments were carried out to test seed vigour of small and large seeds, grown under different conditions of moisture. Pythium isolates were multiplied for use in bench tests to study pre-emergence damping-off and post-emergence damping-off. Leads were obtained for further research in 2018. The companies have contributed in-kind either by the production of second generation RIL populations, that will be further inbred in 2019, or by the in-house testing of the bench test.

Number of completed products in 2014 (in an annex give the title and / or description of the products or a link to the products on public websites)			
Scientific papers (*)	Reports/ Newsletters	Articles in magazines	Presentations/ workshops/ invited lectures
	1		

Bijlage: Titels van producten en links naar informatie op openbare websites (w.o. Kennisonline)

Kennisonline <http://www.wur.nl/nl/project/A-multidisciplinary-approach-for-dampingoff-resistance-in-spinach-.htm>

Groene Veredeling <http://www.groeneveredeling.nl/nl/groeneveredeling/Projecten/Lopende-projecten/Verminderen-van-damping-off-in-spinazie.htm>

Newsletter Veredelingsonderzoek naar damping-off in spinazie,
https://www.groeneveredeling.nl/upload_mm/8/e/a/aa196cb5-0b27-4354-b3ab-eea5e872b4e4_2017%20Nieuwsbrief%20Spinazie.pdf