CLAIMS

~~[Claim 1]~~

~~A composition for improving soil plant productivity, comprising a bacterium belonging to *Rhizobium* (Rhizobiales).~~

~~[Claim 2]~~

~~A method for improving soil plant productivity, wherein a bacterium belonging to *Rhizobium* (Rhizobiales) is added to soil.~~

~~[Claim 3]~~

~~The method according to claim 2, wherein the plant is a Brassicaceae plant.~~

~~[Claim 4]~~

~~The method according to claim 3, wherein the Brassicaceae plant is camelina or komatsuna.~~

~~[Claim 5]~~

~~The method according to any one of claims 2 to 4, wherein the improvement in soil plant productivity results in an increased number of sheaths per plant, an increased number of seeds per plant and/or increased plant body weight.~~

~~[Claim 6]~~

~~A compost comprising a bacterium belonging to *Rhizobium* (Rhizobiales), and a bacterium belonging to *Actinomyces* (Actinomycetales), a bacterium belonging to *Bacillus* (Bacillales), a bacterium belonging to Gaiellales, a bacterium belonging to *Myxococcus* (Myxococcales), a bacterium belonging to iii1-15, a bacterium belonging to Solirubrobacterales, a bacterium belonging to *Xanthomonas* (Xanthomonadales), a bacterium belonging to *Burkholderia* (Burkholderiales) and a bacterium belonging to Gemmatales.~~

~~[Claim 7]~~

~~The compost according to claim 6, wherein the abundance ratio of bacteria belonging to *Rhizobium* (Rhizobiales) in the compost is 9% or higher, and the abundance ratio of bacteria belonging to iii1-15 is 6% or lower.~~

~~[Claim 8]~~

~~The compost according to claim 6 or 7, which is for cultivation of Brassicaceae plants.~~

~~[Claim 9]~~

~~The compost according to claim 8, wherein the Brassicaceae plant is camelina or komatsuna.~~

~~[Claim 10]~~

~~A composition for increasing the antioxidant activity of plants, comprising a bacterium belonging to *Bacillus* (Bacillales), *Promicromonospora* or *Olivibacter*.~~

~~[Claim 11]~~

~~The composition according to claim 10, wherein the bacterium belonging to *Bacillus* (Bacillales), is *Bacillus cereus*, the bacterium belonging to *Promicromonospora* is *Promicromonospora citrea*, and the bacterium belonging to *Olivibacter* is *Olivibacter* sp.~~

~~[Claim 12]~~

~~The composition according to claim 11, wherein the *Bacillus cereus* is the strain deposited at the NITE Patent Microorganisms Depositary as deposit number NITE BP-02974, the *Promicromonospora citrea* is the strain deposited at the NITE Patent Microorganisms Depositary as deposit number NITE BP-03025, and the *Olivibacter* sp. is the strain deposited at the NITE Patent Microorganisms Depositary as deposit number NITE BP-03026.~~

~~[Claim 13]~~[Claim 1]

The bacterial strain deposited at the NITE Patent Microorganisms Depositary as deposit number NITE BP-02974.

~~[Claim 14]~~[Claim 2]

The bacterial strain deposited at the NITE Patent Microorganisms Depositary as deposit number NITE BP-03025.

~~[Claim 15]~~[Claim 3]

The bacterial strain deposited at the NITE Patent Microorganisms Depositary as deposit number NITE BP-03026.

~~[Claim 16]~~[Claim 4]

A compost comprising a bacterial strain according to any one of claims ~~13 to 15~~1 to 3.