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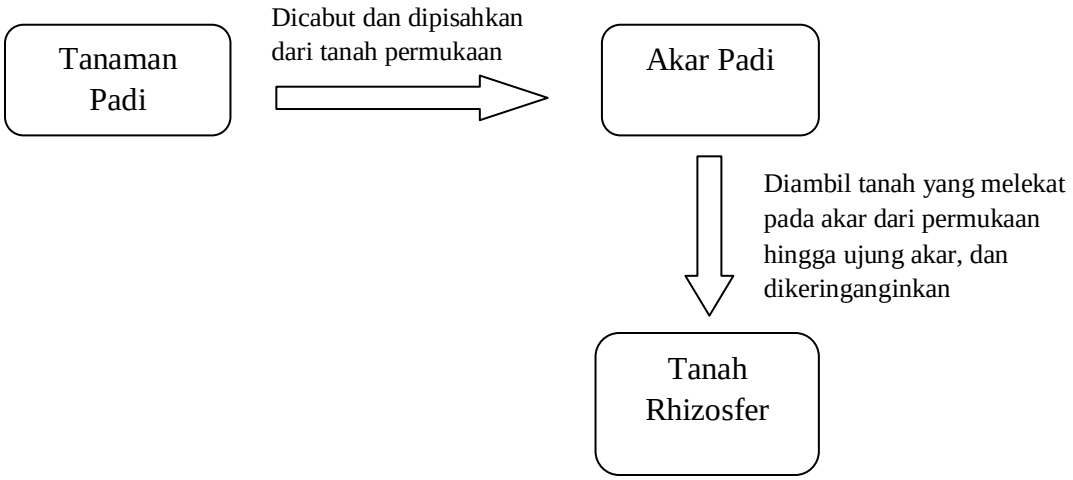
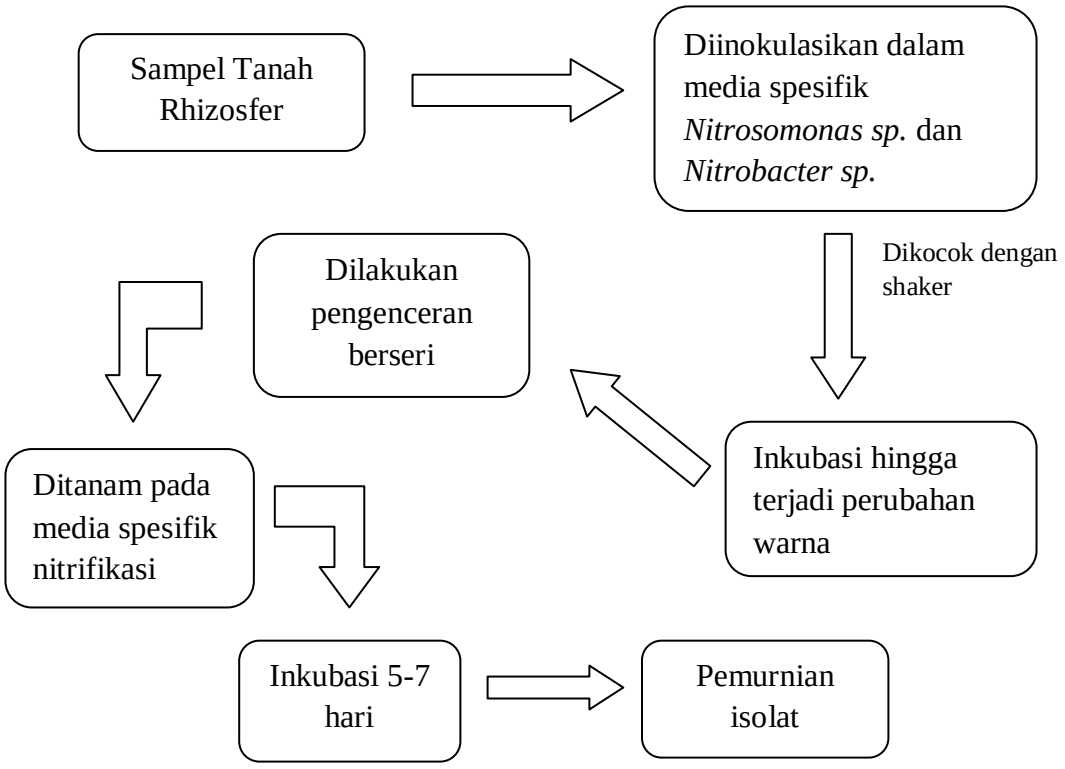
Lampiran 1. Skema Pengambilan Sampel Tanah Rizosfer Padi (*Oryza sativa* L.)



Lampiran 2. Skema Kerja Isolasi Bakteri Rhizosfer



Lampiran 3. Perhitungan Jumlah Bakteri Nitrifikasi

Tabel 5. Hasil Perhitungan Jumlah Bakteri Nitrifikasi

Pengenceran	**Media**					
	NSs_1	**NSs_2**	**NSs_3**	**NBs_1**	**NBs_2**	**NBs_3**
10^{-3}	$3,4x10^4$ CFU/mL	$8x10^4$ CFU/mL	$8x10^4$ CFU/mL	$0,8x10^4$ CFU/mL	-	-
10^{-4}	$2,4x10^5$ CFU/mL	$4x10^5$ CFU/mL	$10x10^5$ CFU/mL	-	-	$3,2x10^5$ CFU/mL
10^{-5}	$1,7x10^6$ CFU/mL	$1,1x10^6$ CFU/mL	$0,4x10^6$ CFU/mL	$0,2x10^6$ CFU/mL	$3,2x10^6$ CFU/mL	-
Jumlah Rata-rata	$19,74x10^5$ CFU/mL	$15,80x10^5$ CFU/mL	$14,8x10^5$ CFU/mL	$2,08x10^5$ CFU/mL	$32x10^5$ CFU/mL	$3,2x10^5$ CFU/mL

- Cara Perhitungan :

  Jumlah sel relatif (CFU/mL) = V x n x 1/f

  V = jumlah sampel yang ditumbuhkan

  n = jumlah koloni dalam cawan

  f = faktor pengenceran

- $NSs_1 = 1 \times 17 \times 1/10^{-5}$

  $= 1,7 \times 10^6$ CFU/mL

- $NSs_2 = 1 \times 11 \times 1/10^{-5}$

  $= 1,1 \times 10^6$ CFU/mL

- $NSs_3 = 1 \times 4 \times 1/10^{-5}$

  $= 0,4 \times 10^6$ CFU/mL

- $NBs_1 = 1 \times 2 \times 1/10^{-5}$

  $= 0,2 \times 10^6$ CFU/mL

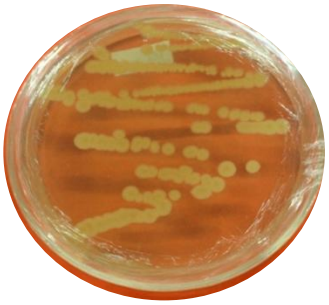
- $NBs_2 = 1 \times 32 \times 1/10^{-5}$

  $= 3,2 \times 10^6$ CFU/mL

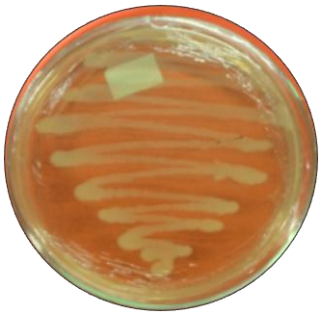
- $NBs_3 = 1 \times 0 \times 1/10^{-5}$

  = 0 CFU/mL

Lampiran 4. Gambar Hasil Isolasi Bakteri



Isolat NSs_1 1

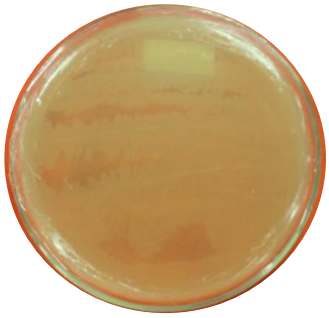


Isolat NSs_2 1

Isolat NSs_2 2

Isolat NSs_3 1

Isolat NSs_3 2



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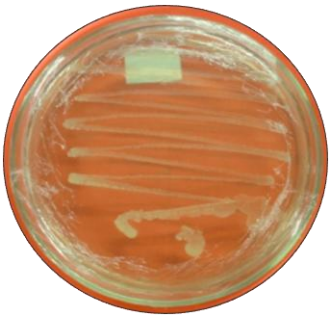
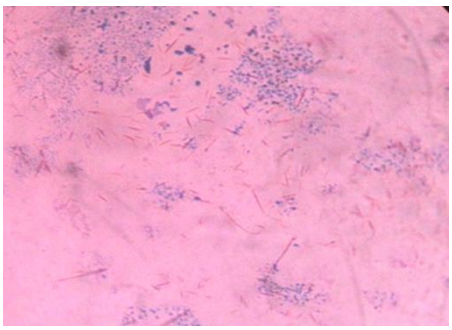


Isolat NBs_1 2

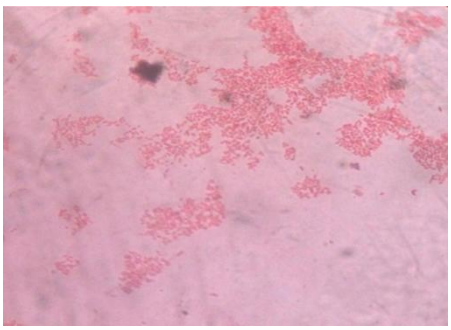
Isolat NBs_2 1

Isolat NBs_3 1

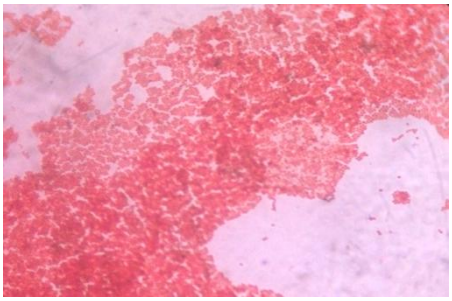
Lampiran 5. Hasil Pengecatan Gram



Isolat NSs_1 1



Isolat NSs_2 1



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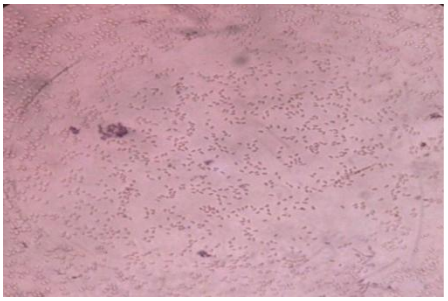
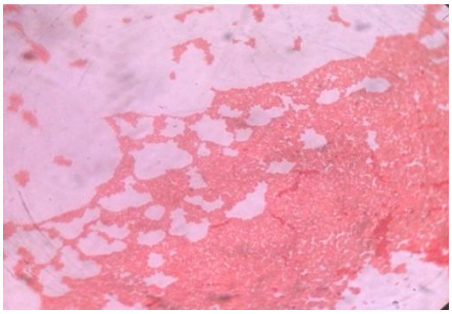


Isolat NSs_3 1



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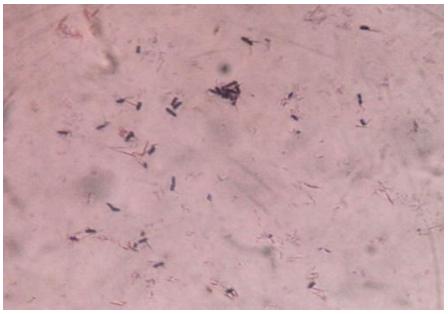

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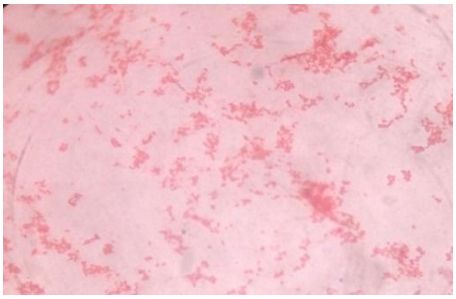

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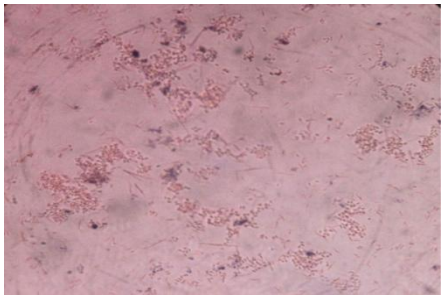

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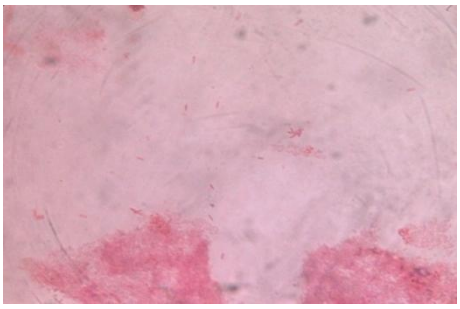

Isolat NBs_3 1