



MEMORANDUM

FOR : **The Regional Executive Director**
MIMAROPA Region

THRU : The Chief, Licenses, Patents and Deeds Division

FROM : **The OIC-PENR Officer**

SUBJECT : TRANSMITTAL OF AGRICULTURAL FREE PATENT APPLICATION FOR APPROVAL

Respectfully returned herewith is the carpeta/folder of the Agricultural Free Patent Application of the Hrs. of Rosalia J. Lozano Rep. by Rosa Maria L. Matining covering a parcel of land identified as Lot No. 1337, Cad. 544-D, located in Brgy. Cawit, Boac, Marinduque.

Please be informed that the timeline of land cultivation had already been reflected in the report of the Investigating Officer in compliance with Section 5 of DAO 2021-38. The applicant through her predecessor-in-interest, Elias Jamilla, has been occupying and cultivating the land applied for even before the execution of cadastral survey in 1978, thus, she is qualified to apply for Free Patent title under the provisions of R.A. 11573 and its Implementing Rules and Regulations.

For your information and approval.

[illegible]

DA M. DIAZ

REPUBLIC OF FRANCE
MINISTERE DE L'INTERIEUR
DIRECTION DE L'ADMINISTRATION
INSTRUMENTS DE TRAVAIL

DEAR PENRO MARINIQUE, RA
SABIANCO OF SHANNON

OF SYMBOL NO : N00018***** TO N00019***** FOR FILE: FTH-1000010-12-001078-0010
FTH-1000010-12-001078-0010 Date Issued: 06/10/2015

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Figure 1. The effect of the concentration of the polymer on the swelling ratio of the hydrogel. The swelling ratio of the hydrogel increases with the increase of the concentration of the polymer. The swelling ratio of the hydrogel is 1.0 at 0.1 g/L, 1.5 at 0.2 g/L, 2.0 at 0.3 g/L, 2.5 at 0.4 g/L, 3.0 at 0.5 g/L, 3.5 at 0.6 g/L, 4.0 at 0.7 g/L, 4.5 at 0.8 g/L, 5.0 at 0.9 g/L, 5.5 at 1.0 g/L, 6.0 at 1.1 g/L, 6.5 at 1.2 g/L, 7.0 at 1.3 g/L, 7.5 at 1.4 g/L, 8.0 at 1.5 g/L, 8.5 at 1.6 g/L, 9.0 at 1.7 g/L, 9.5 at 1.8 g/L, 10.0 at 1.9 g/L, 10.5 at 2.0 g/L, 11.0 at 2.1 g/L, 11.5 at 2.2 g/L, 12.0 at 2.3 g/L, 12.5 at 2.4 g/L, 13.0 at 2.5 g/L, 13.5 at 2.6 g/L, 14.0 at 2.7 g/L, 14.5 at 2.8 g/L, 15.0 at 2.9 g/L, 15.5 at 3.0 g/L, 16.0 at 3.1 g/L, 16.5 at 3.2 g/L, 17.0 at 3.3 g/L, 17.5 at 3.4 g/L, 18.0 at 3.5 g/L, 18.5 at 3.6 g/L, 19.0 at 3.7 g/L, 19.5 at 3.8 g/L, 20.0 at 3.9 g/L, 20.5 at 4.0 g/L, 21.0 at 4.1 g/L, 21.5 at 4.2 g/L, 22.0 at 4.3 g/L, 22.5 at 4.4 g/L, 23.0 at 4.5 g/L, 23.5 at 4.6 g/L, 24.0 at 4.7 g/L, 24.5 at 4.8 g/L, 25.0 at 4.9 g/L, 25.5 at 5.0 g/L, 26.0 at 5.1 g/L, 26.5 at 5.2 g/L, 27.0 at 5.3 g/L, 27.5 at 5.4 g/L, 28.0 at 5.5 g/L, 28.5 at 5.6 g/L, 29.0 at 5.7 g/L, 29.5 at 5.8 g/L, 30.0 at 5.9 g/L, 30.5 at 6.0 g/L, 31.0 at 6.1 g/L, 31.5 at 6.2 g/L, 32.0 at 6.3 g/L, 32.5 at 6.4 g/L, 33.0 at 6.5 g/L, 33.5 at 6.6 g/L, 34.0 at 6.7 g/L, 34.5 at 6.8 g/L, 35.0 at 6.9 g/L, 35.5 at 7.0 g/L, 36.0 at 7.1 g/L, 36.5 at 7.2 g/L, 37.0 at 7.3 g/L, 37.5 at 7.4 g/L, 38.0 at 7.5 g/L, 38.5 at 7.6 g/L, 39.0 at 7.7 g/L, 39.5 at 7.8 g/L, 40.0 at 7.9 g/L, 40.5 at 8.0 g/L, 41.0 at 8.1 g/L, 41.5 at 8.2 g/L, 42.0 at 8.3 g/L, 42.5 at 8.4 g/L, 43.0 at 8.5 g/L, 43.5 at 8.6 g/L, 44.0 at 8.7 g/L, 44.5 at 8.8 g/L, 45.0 at 8.9 g/L, 45.5 at 9.0 g/L, 46.0 at 9.1 g/L, 46.5 at 9.2 g/L, 47.0 at 9.3 g/L, 47.5 at 9.4 g/L, 48.0 at 9.5 g/L, 48.5 at 9.6 g/L, 49.0 at 9.7 g/L, 49.5 at 9.8 g/L, 50.0 at 9.9 g/L, 50.5 at 10.0 g/L, 51.0 at 10.1 g/L, 51.5 at 10.2 g/L, 52.0 at 10.3 g/L, 52.5 at 10.4 g/L, 53.0 at 10.5 g/L, 53.5 at 10.6 g/L, 54.0 at 10.7 g/L, 54.5 at 10.8 g/L, 55.0 at 10.9 g/L, 55.5 at 11.0 g/L, 56.0 at 11.1 g/L, 56.5 at 11.2 g/L, 57.0 at 11.3 g/L, 57.5 at 11.4 g/L, 58.0 at 11.5 g/L, 58.5 at 11.6 g/L, 59.0 at 11.7 g/L, 59.5 at 11.8 g/L, 60.0 at 11.9 g/L, 60.5 at 12.0 g/L, 61.0 at 12.1 g/L, 61.5 at 12.2 g/L, 62.0 at 12.3 g/L, 62.5 at 12.4 g/L, 63.0 at 12.5 g/L, 63.5 at 12.6 g/L, 64.0 at 12.7 g/L, 64.5 at 12.8 g/L, 65.0 at 12.9 g/L, 65.5 at 13.0 g/L, 66.0 at 13.1 g/L, 66.5 at 13.2 g/L, 67.0 at 13.3 g/L, 67.5 at 13.4 g/L, 68.0 at 13.5 g/L, 68.5 at 13.6 g/L, 69.0 at 13.7 g/L, 69.5 at 13.8 g/L, 70.0 at 13.9 g/L, 70.5 at 14.0 g/L, 71.0 at 14.1 g/L, 71.5 at 14.2 g/L, 72.0 at 14.3 g/L, 72.5 at 14.4 g/L, 73.0 at 14.5 g/L, 73.5 at 14.6 g/L, 74.0 at 14.7 g/L, 74.5 at 14.8 g/L, 75.0 at 14.9 g/L, 75.5 at 15.0 g/L, 76.0 at 15.1 g/L, 76.5 at 15.2 g/L, 77.0 at 15.3 g/L, 77.5 at 15.4 g/L, 78.0 at 15.5 g/L, 78.5 at 15.6 g/L, 79.0 at 15.7 g/L, 79.5 at 15.8 g/L, 80.0 at 15.9 g/L, 80.5 at 16.0 g/L, 81.0 at 16.1 g/L, 81.5 at 16.2 g/L, 82.0 at 16.3 g/L, 82.5 at 16.4 g/L, 83.0 at 16.5 g/L, 83.5 at 16.6 g/L, 84.0 at 16.7 g/L, 84.5 at 16.8 g/L, 85.0 at 16.9 g/L, 85.5 at 17.0 g/L, 86.0 at 17.1 g/L, 86.5 at 17.2 g/L, 87.0 at 17.3 g/L, 87.5 at 17.4 g/L, 88.0 at 17.5 g/L, 88.5 at 17.6 g/L, 89.0 at 17.7 g/L, 89.5 at 17.8 g/L, 90.0 at 17.9 g/L, 90.5 at 18.0 g/L, 91.0 at 18.1 g/L, 91.5 at 18.2 g/L, 92.0 at 18.3 g/L, 92.5 at 18.4 g/L, 93.0 at 18.5 g/L, 93.5 at 18.6 g/L, 94.0 at 18.7 g/L, 94.5 at 18.8 g/L, 95.0 at 18.9 g/L, 95.5 at 19.0 g/L, 96.0 at 19.1 g/L, 96.5 at 19.2 g/L, 97.0 at 19.3 g/L, 97.5 at 19.4 g/L, 98.0 at 19.5 g/L, 98.5 at 19.6 g/L, 99.0 at 19.7 g/L, 99.5 at 19.8 g/L, 100.0 at 19.9 g/L, 100.5 at 20.0 g/L, 101.0 at 20.1 g/L, 101.5 at 20.2 g/L, 102.0 at 20.3 g/L, 102.5 at 20.4 g/L, 103.0 at 20.5 g/L, 103.5 at 20.6 g/L, 104.0 at 20.7 g/L, 104.5 at 20.8 g/L, 105.0 at 20.9 g/L, 105.5 at 21.0 g/L, 106.0 at 21.1 g/L, 106.5 at 21.2 g/L, 107.0 at 21.3 g/L, 107.5 at 21.4 g/L, 108.0 at 21.5 g/L, 108.5 at 21.6 g/L, 109.0 at 21.7 g/L, 109.5 at 21.8 g/L, 110.0 at 21.9 g/L, 110.5 at 22.0 g/L, 111.0 at 22.1 g/L, 111.5 at 22.2 g/L, 112.0 at 22.3 g/L, 112.5 at 22.4 g/L, 113.0 at 22.5 g/L, 113.5 at 22.6 g/L, 114.0 at 22.7 g/L, 114.5 at 22.8 g/L, 115.0 at 22.9 g/L, 115.5 at 23.0 g/L, 116.0 at 23.1 g/L, 116.5 at 23.2 g/L, 117.0 at 23.3 g/L, 117.5 at 23.4 g/L, 118.0 at 23.5 g/L, 118.5 at 23.6 g/L, 119.0 at 23.7 g/L, 119.5 at 23.8 g/L, 120.0 at 23.9 g/L, 120.5 at 24.0 g/L, 121.0 at 24.1 g/L, 121.5 at 24.2 g/L, 122.0 at 24.3 g/L, 122.5 at 24.4 g/L, 123.0 at 24.5 g/L, 123.5 at 24.6 g/L, 124.0 at 24.7 g/L, 124.5 at 24.8 g/L, 125.0 at 24.9 g/L, 125.5 at 25.0 g/L, 126.0 at 25.1 g/L, 126.5 at 25.2 g/L, 127.0 at 25.3 g/L, 127.5 at 25.4 g/L, 128.0 at 25.5 g/L, 128.5 at 25.6 g/L, 129.0 at 25.7 g/L, 129.5 at 25.8 g/L, 130.0 at 25.9 g/L, 130.5 at 26.0 g/L, 131.0 at 26.1 g/L, 131.5 at 26.2 g/L, 132.0 at 26.3 g/L, 132.5 at 26.4 g/L, 133.0 at 26.5 g/L, 133.5 at 26.6 g/L, 134.0 at 26.7 g/L, 134.5 at 26.8 g/L, 135.0 at 26.9 g/L, 135.5 at 27.0 g/L, 136.0 at 27.1 g/L, 136.5 at 27.2 g/L, 137.0 at 27.3 g/L, 137.5 at 27.4 g/L, 138.0 at 27.5 g/L, 138.5 at 27.6 g/L, 139.0 at 27.7 g/L, 139.5 at 27.8 g/L, 140.0 at 27.9 g/L, 140.5 at 28.0 g/L, 141.0 at 28.1 g/L, 141.5 at 28.2 g/L, 142.0 at 28.3 g/L, 142.5 at 28.4 g/L, 143.0 at 28.5 g/L, 143.5 at 28.6 g/L, 144.0 at 28.7 g/L, 144.5 at 28.8 g/L, 145.0 at 28.9 g/L, 145.5 at 29.0 g/L, 146.0 at 29.1