ꯑꯦꯗꯤꯇꯣꯔꯤꯌꯦꯜ IMPHAL, MONDAY, DECEMBER 07, 2020 ꯅꯤꯡꯊꯧꯀꯥꯕ, ꯍꯤꯌꯥꯡꯒꯩꯒꯤ 22ꯅꯤ ꯄꯥꯟꯕ, ꯃꯥꯂꯤꯌꯥ ꯀꯨꯝꯁꯤꯡ 3418 obT\ꯂꯩ ꯃꯀꯩꯋ꯭ꯀ
2 HUEIYEN LANPAO

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ
ꯅꯤꯡꯊꯧꯀꯥꯕ, ꯗꯤꯁꯦꯝꯔ 07, 2020, ꯏꯝꯐꯥꯜ
12 ꯁꯨꯕ ꯆꯍꯤ, 224 ꯁꯨꯕ ꯃꯁꯤꯡ
ꯄꯥꯎꯆꯦ ꯑꯁꯤꯗ ꯐꯣꯡꯖꯔꯤꯕ ꯋꯥꯔꯦꯡꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜ, ꯃꯤꯠꯌꯦꯡ ꯑꯏꯕ ꯃꯁꯥ ꯃꯁꯥꯒꯤꯅꯤ꯫ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜꯂꯣꯟ ꯑꯃꯁꯨꯡ ꯃꯤꯠꯌꯦꯡꯒ ꯊꯣꯏꯗꯣꯛꯅ ꯃꯔꯤ ꯂꯩꯅꯗꯦ꯫

ꯑꯦꯝ ꯌꯨꯒꯤ ꯚꯤ ꯁꯤ
ꯁ꯭ꯇꯦꯠ ꯂꯩꯉꯥꯛꯅꯁꯨ ꯃꯤꯠꯌꯦꯡ ꯆꯪꯗꯨꯅ ꯂꯧꯕ ꯌꯥꯕ ꯊꯧꯗꯥꯡ ꯂꯧꯍꯟꯅꯤꯡꯏ
ꯀꯨꯝꯖꯥ 2018ꯗ ꯄ꯭ꯔꯣꯐꯦꯁꯔ ꯑꯗ꯭ꯌ ꯄ꯭ꯔꯁꯥꯗ ꯄꯥꯟꯗꯦꯕꯨ ꯃꯅꯤꯄꯨꯔ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤꯒꯤ ꯚꯥꯏꯁ ꯆꯥꯟꯆꯦꯜꯂꯔ (ꯚꯤ ꯁꯤ) ꯑꯣꯏꯕꯗꯒꯤ ꯂꯧꯊꯣꯛꯀꯗꯕꯅꯤ ꯍꯥꯏꯅ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯑꯁꯤꯒꯤ ꯀꯝꯃ꯭ꯌꯨꯅꯤꯇꯤ ꯑꯍꯨꯝꯅ ꯃꯤꯌꯥꯝꯒ ꯂꯣꯏꯅꯅ
ꯑꯀꯟꯕ ꯈꯣꯡꯖꯪ ꯆꯪꯁꯤꯟꯈ꯭ꯔꯕ ꯃꯇꯨꯡꯗ ꯃꯅꯤꯄꯨꯔ ꯍꯥꯏ ꯀꯣꯔꯠꯅ ꯀꯨꯝꯖꯥ 2018ꯒꯤ
ꯑꯣꯛꯇꯣꯕꯔ 11ꯗ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯆꯤꯐ ꯁꯦꯀ꯭ꯔꯦꯇꯔꯤ ꯑꯣꯏꯔꯝꯕ ꯃꯤꯅꯤꯁꯇ꯭ꯔꯤ ꯑꯣꯐ
ꯗꯤꯚꯂꯞꯃꯦꯟꯠ ꯑꯣꯐ ꯅꯣꯔꯊ ꯏꯁꯇꯔꯟ ꯔꯤꯖꯟꯒꯤ ꯁꯦꯀ꯭ꯔꯦꯇꯔꯤꯁꯨ ꯑꯣꯏꯔꯝꯕ
ꯖꯔꯅꯦꯜ ꯁꯤꯡꯍꯕꯨ ꯑꯦꯗꯃꯤꯅꯤꯁꯇ꯭ꯔꯇꯔ ꯑꯣꯏꯅ ꯑꯦꯄꯣꯏꯟꯠ ꯇꯧꯈꯤ꯫ ꯖꯔꯅꯦꯜ
ꯁꯤꯡꯍꯕꯨ ꯑꯦꯝ ꯌꯨꯒꯤ ꯑꯦꯗꯃꯤꯅꯤꯁꯇ꯭ꯔꯦꯇꯔ ꯑꯣꯏꯟ ꯍꯥꯞꯂꯛꯄꯗꯒꯤ ꯃꯇꯝ ꯑꯗꯨꯗ
ꯑꯦꯝ ꯌꯨꯗ ꯂꯩꯔꯝꯕ ꯏꯔꯥꯡꯁꯤꯡ ꯑꯗꯨ ꯍꯦꯝꯈꯤꯕꯒ ꯂꯣꯏꯅꯅ ꯃꯍꯧꯁꯥꯒꯤ ꯐꯤꯚꯝꯗ ꯇꯞꯅ
ꯇꯞꯅ ꯍꯟꯖꯤꯜꯂꯛꯈꯤ꯫ ꯆꯍꯤ 2 ꯍꯦꯟꯅ ꯚꯥꯏꯁ ꯆꯥꯟꯁꯦꯜꯂꯔꯒꯤ ꯑꯣꯐꯤꯁ ꯄꯥꯏꯗꯨꯅ
ꯑꯦꯗꯃꯤꯅꯁꯇ꯭ꯔꯦꯇꯔ ꯑꯣꯏꯔꯝꯕ ꯖꯔꯅꯦꯜ ꯁꯤꯡꯍꯅ ꯃꯍꯥꯛ ꯍꯧꯈꯤꯕ ꯅꯕꯦꯝꯕꯔ
30ꯗꯒꯤ ꯊꯕꯛꯇꯒꯤ ꯄꯣꯠꯊꯥꯕꯗ ꯑꯌꯥꯕ ꯄꯤꯕꯤꯌꯨ ꯍꯥꯏꯅ mniur ꯍꯥꯏ ꯀꯣꯔꯠꯇ
ꯍꯥꯏꯖꯔꯛꯄꯗꯒꯤ ꯀꯣꯔꯠ ꯑꯁꯤꯅꯁꯨ ꯃꯍꯥꯛꯅ ꯑꯦꯗꯃꯤꯅꯁꯇ꯭ꯔꯦꯇꯔ ꯑꯣꯏꯟ ꯊꯕꯛ
ꯄꯥꯏꯕꯗꯒꯤ ꯄꯣꯠꯊꯥꯕꯗ ꯑꯌꯥꯕ ꯄꯤꯈꯤ꯫ ꯖꯔꯅꯦꯜ ꯁꯤꯡꯍꯅ ꯄꯣꯠꯊꯥꯈꯤꯕꯗꯒꯤ ꯑꯦꯝ ꯌꯨꯒꯤ
ꯊꯕꯛ ꯊꯧꯔꯝꯁꯤꯉ ꯑꯁꯤ ꯍꯧꯈꯤꯕ ꯗꯤꯁꯦꯝꯕꯔ 1ꯗꯒꯤ ꯚꯤ ꯁꯤ ꯌꯥꯎꯗꯅ ꯄꯥꯡꯊꯣꯛꯇꯨꯅ
ꯂꯥꯛꯂꯤ꯫ ꯔꯦꯒ꯭ꯌꯨꯂꯔ ꯚꯤ ꯁꯤ ꯍꯥꯞꯇ꯭ꯔꯕꯁꯨ ꯃꯅꯤꯄꯨꯔ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯑꯦꯛꯠ 2005ꯒꯤ
ꯃꯇꯨꯡꯏꯟꯅ ꯚꯤ ꯁꯤ ꯏꯟ-ꯆꯥꯔ ꯑꯃꯁꯨ ꯍꯥꯞꯄ ꯂꯩꯇ꯭ꯔꯤ꯫ ꯃꯅꯤꯄꯨꯔ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤꯒꯤ
ꯔꯦꯖꯤꯁꯇ꯭ꯔꯥꯔꯅ ꯃꯤꯅꯤꯁꯇ꯭ꯔꯤ ꯑꯣꯐ ꯑꯦꯗ꯭ꯌꯨꯀꯦꯁꯅꯗ ꯑꯏꯕ ꯆꯦꯔꯣꯜ ꯑꯃ ꯊꯥꯗꯨꯅ ꯚꯤ
ꯁꯤ ꯏꯟ-ꯆꯥꯔꯖ ꯑꯃ ꯍꯥꯞꯄꯤꯅꯕ ꯍꯥꯏꯖꯕ ꯂꯩꯈ꯭ꯔꯦ꯫ ꯃꯅꯤꯄꯨꯔ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯇꯤꯆꯔꯁ
ꯑꯦꯁꯣꯁꯤꯑꯦꯁꯟ (ꯃꯨꯇꯥ)ꯅꯁꯨ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯑꯁꯤꯒꯤ ꯚꯤꯖꯤꯇꯔꯁꯨ ꯑꯣꯏꯔꯤꯕ ꯂꯩꯕꯥꯛ
ꯑꯁꯤꯒꯤ ꯄ꯭ꯔꯁꯤꯗꯦꯟꯠ ꯔꯥꯝꯅꯥꯊ ꯀꯣꯚꯤꯟꯗꯗ ꯑꯏꯕ ꯆꯦꯔꯣꯜ ꯊꯥꯗꯨꯅ ꯑꯊꯎꯕ ꯃꯇꯝꯒꯤ
ꯃꯅꯨꯡꯗ ꯑꯦꯝ ꯌꯨꯒꯤ ꯚꯤ ꯁꯤ ꯍꯥꯞꯄꯤꯌꯨ ꯍꯥꯏꯅꯁꯨ ꯇꯛꯁꯤꯟꯈ꯭ꯔꯦ꯫ ꯑꯃꯔꯣꯝꯗ ꯃꯅꯤꯄꯨꯔ
ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯁ꯭ꯇꯨꯗꯦꯟꯠꯁ ꯌꯨꯅꯤꯌꯟ (ꯃꯨꯁꯤ)ꯅꯁꯨ ꯍꯧꯖꯤꯛ ꯍꯧꯖꯤꯛ ꯍꯥꯡꯗꯨꯅ ꯂꯩꯔꯤꯕ ꯚꯤ
ꯁꯤꯒꯤ ꯐꯝ ꯑꯁꯤ ꯃꯦꯟꯁꯤꯟꯅꯅꯕ ꯃꯔꯤ ꯂꯩꯅꯕꯁꯤꯡꯗ ꯇꯛꯁꯤꯟꯈꯤꯕ ꯂꯩꯁ꯭ꯔꯦ꯫

ꯃꯤꯅꯤꯁꯇ꯭ꯔꯤ ꯑꯣꯐ ꯑꯦꯗ꯭ꯌꯨꯀꯦꯁꯟꯒꯤ ꯗꯦꯄ꯭ꯌꯨꯇꯤ ꯁꯦꯀ꯭ꯔꯦꯇꯔꯤꯅ ꯑꯦꯝ ꯌꯨꯒꯤ
ꯔꯦꯖꯤꯁꯇ꯭ꯔꯥꯔꯗ ꯊꯥꯔꯛꯄ ꯑꯏꯕ ꯆꯦꯔꯣꯜ ꯑꯃꯅ ꯃꯅꯤꯄꯨꯔ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯑꯦꯛꯠ
ꯑꯃꯁꯨꯡ ꯁ꯭ꯇꯦꯇ꯭ꯌꯨꯠꯀ ꯃꯔꯤ ꯂꯩꯅꯕ ꯄ꯭ꯔꯣꯚꯤꯖꯟꯒꯤ ꯃꯈꯥꯗ ꯚꯤ ꯁꯤ ꯑꯣꯐꯁꯀꯤ ꯏꯟ-

ꯆꯥꯔꯖ ꯑꯃ ꯍꯥꯞꯅꯕ ꯄ꯭ꯔꯣꯁꯦꯁ ꯇꯧꯔꯤ꯫ ꯀꯝꯄꯤꯇꯦꯟꯠ ꯑꯣꯊꯧꯔꯤꯇꯤꯗꯒꯤ ꯑꯌꯥꯕ
ꯍꯦꯛ ꯐꯪꯕꯒ ꯍꯥꯞꯂꯒꯅꯤ꯫ ꯃꯔꯝ ꯑꯁꯤꯅ ꯃꯤꯅꯤꯁꯇ꯭ꯔꯤꯅ ꯃꯈꯥ ꯇꯥꯅ ꯄꯥꯎ ꯑꯃ ꯑꯦꯝ
ꯌꯨꯗ ꯐꯥꯎꯔꯛꯄꯗꯒꯤ ꯃꯇꯝ ꯑꯗꯨ ꯉꯥꯏꯕꯤꯌꯨ ꯍꯥꯏꯅꯁꯨ ꯈꯪꯍꯜꯂꯛꯈ꯭ꯔꯦ ꯍꯥꯏꯔꯤ꯫ ꯑꯗꯨꯕꯨ
ꯍꯧꯈꯤꯕ ꯅꯨꯃꯤꯠ 6ꯅꯤꯔꯣꯝ ꯑꯁꯤ ꯚꯤ ꯁꯤ ꯌꯥꯎꯗꯅ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯑꯁꯤ ꯆꯂꯥꯏꯕꯒꯤ
ꯐꯤꯚꯝ ꯂꯥꯛꯄꯅ ꯑꯦꯀꯥꯗꯦꯃꯤꯛ ꯑꯃꯁꯨꯡ ꯑꯦꯗꯃꯤꯅꯁꯇ꯭ꯔꯦꯇꯤꯚ ꯐꯪꯛꯁꯟ ꯈꯨꯗꯤꯡꯃꯛ
ꯄꯦꯔꯥꯂꯥꯏꯖ ꯑꯣꯏꯔꯛꯄ ꯌꯥꯕꯒꯤ ꯑꯀꯤꯕ ꯂꯥꯛꯂꯦ꯫ ꯐꯤꯚꯝ ꯑꯁꯤ ꯃꯈꯥ ꯇꯥꯅ ꯑꯁꯨꯝ
ꯆꯠꯊꯔꯛꯂꯕꯗꯤ ꯃꯥꯏꯀꯩꯗ ꯀꯌꯥꯗꯒꯤ ꯁꯣꯏꯗꯅꯃꯛꯀꯤ ꯃꯈꯜ ꯃꯈꯥ ꯀꯌꯥꯒꯤ ꯈꯣꯡꯖꯪ
ꯆꯪꯁꯤꯟꯅꯔꯛꯀꯅꯤ꯫ ꯅꯨꯃꯤꯠ 6ꯅꯤ ꯍꯦꯟꯅ ꯚꯤ ꯁꯤꯒꯤ ꯐꯝ ꯍꯥꯡꯗꯨꯅ ꯊꯝꯕ ꯍꯥꯏꯕꯁꯤ
ꯃꯤꯅꯤꯁꯇ꯭ꯔꯤ ꯑꯣꯐ ꯑꯦꯗ꯭ꯌꯨꯀꯦꯁꯟꯅ ꯃꯅꯤꯄꯨꯔ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤꯗ ꯃꯤꯠꯌꯦꯡ ꯆꯪꯕ
ꯋꯥꯠꯄꯒꯤ ꯈꯨꯗꯝꯅꯤ ꯍꯥꯏꯅ ꯂꯧꯔꯣꯏꯗꯕꯒꯤ ꯃꯔꯝ ꯂꯩꯇꯦ꯫ ꯚꯤ ꯁꯤ ꯌꯥꯎꯗꯅ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ
ꯑꯃ ꯆꯂꯥꯏꯕ ꯍꯥꯏꯕꯁꯤ ꯌꯥꯔꯣꯏ ꯈꯪꯅ ꯈꯪꯅ ꯃꯤꯅꯤꯁꯇ꯭ꯔꯤꯅ ꯚꯤ ꯁꯤ ꯏꯟ-ꯆꯥꯔꯖ ꯍꯥꯞꯇꯅ
ꯍꯧꯔꯤꯛ ꯂꯩꯔꯤꯕ ꯐꯤꯚꯝ ꯑꯁꯤꯗꯗꯤ ꯃꯍꯩꯔꯣꯏꯁꯤꯡ, ꯑꯣꯖꯥꯁꯤꯡ ꯑꯃꯗꯤ ꯃꯔꯤ ꯂꯩꯅꯕꯁꯤꯡꯅ
ꯄꯦꯟꯅꯗ꯭ꯔꯦ꯫ ꯃꯤꯠꯌꯦꯡ ꯁꯥꯟꯕ ꯃꯤꯁꯛ ꯑꯃꯕꯨ ꯑꯊꯨꯕ ꯃꯇꯝꯗ ꯑꯦꯝ ꯌꯨꯒꯤ ꯚꯤ ꯁꯤ
ꯏꯟ-ꯆꯥꯔꯖ ꯑꯣꯏꯅ ꯍꯥꯞꯅꯅꯕ ꯊꯧꯔꯥꯉ ꯂꯧꯈꯠꯍꯟꯅꯤꯡꯏ꯫ ꯃꯗꯨꯅ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ
ꯑꯁꯤꯗ ꯇ꯭ꯔꯥꯟꯁꯄꯔꯦꯟꯁꯤ ꯂꯩꯅ ꯊꯕꯛ ꯊꯧꯔꯝꯁꯤꯡ ꯄꯥꯡꯊꯣꯛꯄꯒ ꯂꯣꯏꯅꯅ ꯑꯐꯕ
ꯑꯦꯀꯥꯗꯦꯃꯤꯛ ꯑꯦꯠꯃꯣꯁꯐꯤꯌꯥꯔ ꯑꯃ ꯂꯥꯛꯄꯗ ꯃꯇꯦꯡ ꯑꯣꯏꯒꯅꯤ꯫ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ
ꯑꯁꯤꯒꯤ ꯚꯤ ꯁꯤꯒꯤ ꯐꯝ ꯑꯁꯤ ꯑꯁꯨꯝ ꯍꯥꯡꯍꯟꯗꯨꯅ ꯊꯝꯂꯕꯗꯤ ꯁꯣꯏꯗꯅꯃꯛꯀꯤ
ꯃꯍꯩꯔꯣꯏꯁꯤꯡ ꯑꯝꯗꯤ ꯑꯣꯖꯥꯁꯤꯡꯗ ꯈꯣꯏꯔꯥꯡ ꯈꯣꯏꯁꯥꯎꯟꯕ ꯄꯣꯛꯂꯛꯇꯨꯅ ꯏꯔꯥꯡ
ꯀꯌꯥ ꯊꯣꯔꯛꯀꯅꯤ꯫ ꯃꯍꯩꯔꯣꯏꯁꯤꯡ ꯑꯃꯗꯤ ꯑꯣꯖꯥꯁꯤꯡꯅ ꯏꯔꯥꯡ ꯍꯧꯔꯥꯛꯄ ꯉꯥꯏꯕꯒꯤ
ꯃꯍꯨꯠꯇ ꯃꯔꯤ ꯂꯩꯅꯕ ꯑꯣꯊꯣꯔꯤꯇꯤꯅ ꯚꯤ ꯁꯤ ꯏꯟ-ꯆꯥꯔꯖ ꯍꯥꯞꯅꯅꯕ ꯃꯇꯤꯛ ꯆꯥꯕ ꯊꯕꯛ
ꯄꯥꯏꯈꯠꯍꯟꯅꯤꯡꯏ꯫ ꯁ꯭ꯇꯦꯠ leZaKnsu ꯍꯤꯔꯝꯁꯤꯗ ꯑꯈꯟꯅꯕ ꯃꯤꯠꯌꯦꯡ ꯆꯪꯕ ꯂꯧꯕ
ꯌꯥꯕ ꯊꯧꯗꯥꯡ ꯂꯧꯍꯟꯅꯤꯡꯏ꯫

ꯂꯧꯃꯤꯁꯤꯡꯒꯤ ꯀꯥꯈꯜ
ꯆꯍꯤ ꯈꯨꯗꯤꯡꯒꯤ ꯄꯥꯡꯊꯣꯛꯄꯒꯨꯝ ꯀꯨꯝꯁꯤꯁꯨ ꯃꯥꯂꯦꯝꯒꯤ ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎꯒꯤ ꯅꯨꯃꯤꯠ, ꯗꯤꯁꯦꯝꯕꯔ 5, 2020,
ꯊꯥꯡꯖ ꯅꯨꯃꯤꯠꯇ ꯃꯥꯂꯦꯝꯒꯤ ꯇꯣꯉꯥꯟ ꯇꯣꯉꯥꯟꯕ ꯃꯐꯝꯁꯤꯡ ꯑꯃꯗꯤ ꯏꯔꯝꯗꯝ ꯑꯁꯤꯗꯁꯨ ꯂꯧꯎ-ꯁꯤꯡꯎꯒꯤ
ꯂꯣꯏꯁꯪꯁꯤꯡꯅ ꯄꯥꯡꯊꯣꯀꯅꯈꯤ꯫ ꯊꯧꯔꯝ ꯑꯁꯤ ꯄꯥꯡꯊꯣꯛꯄꯒꯤ ꯃꯔꯨ ꯑꯣꯏꯕ ꯄꯥꯟꯗꯝꯗꯤ ꯀꯨꯝꯁꯤ ꯆꯍꯤꯒꯤ
ꯑꯣꯏꯅ “Keep soil alive, ꯄꯔꯣꯇꯦꯆꯇ soil biodiversity” ꯍꯥꯏꯕꯗꯤ “ꯂꯩꯕꯥꯛ ꯂꯩꯁꯥꯕꯨ ꯍꯤꯡꯍꯜꯂꯨ, ꯂꯩꯕ-

aKt ꯑꯍꯤꯡꯕ ꯖꯤꯕ ꯈꯨꯗꯤꯡꯕꯨꯁꯨ ꯉꯥꯛ ꯁꯦꯜꯂꯨ” ꯍꯥꯏꯕꯁꯤꯅꯤ꯫

‘ꯂꯩꯕꯥꯛ ꯂꯩꯁꯥꯕꯨ ꯍꯤꯡꯍꯜꯂꯨ’ ꯋꯥꯐꯃ ꯑꯁꯤꯅ ꯇꯥꯛꯂꯤꯕꯗꯤ ꯂꯩꯕꯥꯛ ꯑꯁꯤ ꯑꯍꯤꯡꯕꯅꯤ ꯑꯗꯨꯒ ꯑꯁꯤꯕ ꯂꯩꯕꯥꯛꯁꯨ
ꯂꯩꯕ ꯌꯥꯏ꯫ ꯂꯩꯕꯥꯛ ꯑꯝꯗꯤ ꯂꯩꯁꯥ ꯑꯁꯤ ꯃꯇꯝ ꯂꯩꯕ ꯈꯨꯕꯤꯛꯇ ꯇꯞꯅ ꯇꯞꯅ ꯍꯥꯟꯅꯒꯤ ꯐꯤꯚꯝꯗꯒꯤ ꯑꯣꯜꯂꯤ꯫

ꯃꯥꯂꯦꯝꯅ ꯍꯦꯛ ꯁꯦꯝꯕ ꯍꯧꯔꯛꯄꯗꯒꯤ ꯅꯣꯡꯖꯨ ꯅꯨꯡꯁꯥ ꯑꯝꯗꯤ ꯑꯏꯪ-ꯑꯁꯥꯒꯤ ꯑꯣꯏꯔꯤꯕ ꯐꯤꯚꯝꯁꯤꯡꯅ ꯃꯔꯝ
ꯑꯣꯏꯗꯨꯅ ꯑꯆꯧ ꯑꯆꯧꯕ ꯅꯨꯡꯖꯥꯎꯁꯤꯡꯗꯅ ꯀꯥꯏꯊꯔꯛꯇꯨꯅ ꯂꯩꯉꯣꯏ, ꯐꯣꯂꯤ (ꯈꯤꯂꯇ) ꯑꯃꯗꯤ ꯂꯩꯇꯥꯟꯅꯆꯤꯡꯕ ꯁꯦꯝ-

ꯂꯕ ꯃꯇꯨꯡꯗ ꯃꯗꯨꯗꯤ ꯑꯍꯤꯡꯕ ꯆꯤꯕ ꯃꯈꯜ ꯀꯌꯥ ꯑꯃꯅ ꯁꯩꯗꯥꯡꯐꯝ ꯂꯧꯗꯨꯅ ꯂꯩꯔꯤ꯫ ꯑꯁꯨꯝꯅ ꯂꯩꯕꯥꯛꯇ ꯂꯩꯒꯗꯕ
ꯇꯣꯉꯥꯟ-ꯇꯣꯉꯥꯟꯕ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯆꯤꯟꯖꯥꯛꯁꯤꯡ ꯑꯃꯗꯤ ꯑꯍꯤꯡꯕ ꯖꯤꯕ ꯃꯈꯜ ꯃꯊꯦꯜ ꯁꯨꯅ ꯂꯩꯗꯨꯅ ꯑꯍꯤꯡꯕ
ꯂꯩꯕꯥꯛ ꯑꯣꯏꯍꯜꯂꯤ꯫ ꯂꯩꯕꯥꯛ ꯂꯩꯁꯥ ꯑꯁꯤ ꯑꯇꯣꯞꯄ ꯑꯍꯤꯉꯕ ꯖꯤꯕꯁꯤꯡꯒꯨꯝ ꯍꯤꯡꯗꯨꯅ ꯂꯩꯅꯕꯒꯤꯗꯃꯛ ꯏꯁꯤꯡ
ꯑꯃꯁꯨꯡ ꯅꯨꯡꯁꯤꯠ ꯇꯉꯥꯏꯐꯗꯅ ꯆꯪꯁꯏ꯫ ꯏꯁꯝ ꯁꯝꯅ ꯍꯥꯏꯖꯔꯕꯗ ꯑꯍꯤꯡꯕ ꯂꯩꯕꯥꯛ ꯍꯥꯏꯔꯕꯗꯤ ꯄꯣꯠꯊꯣꯛ
ꯆꯥꯊꯣꯛ ꯄꯨꯊꯣꯛꯄ ꯉꯝꯂꯤꯕ ꯂꯩꯕꯥꯛ ꯂꯩꯁꯥꯕꯨꯅꯤ꯫ ꯑꯗꯨꯒ ꯂꯩꯕꯥꯛꯇꯤ ꯑꯣꯏꯔꯒ ꯃꯗꯨꯗ ꯇꯣꯉꯥꯟ ꯇꯣꯉꯥꯟꯕ ꯄꯥꯝꯕꯤ-

ꯁꯤꯡꯅ ꯍꯧꯕ ꯉꯝꯗ꯭ꯔꯕ ꯑꯃꯗꯤ ꯃꯤꯠꯅ ꯎꯕ ꯅꯠꯇ꯭ꯔꯒ ꯎꯗꯕ ꯃꯈꯜꯒꯤ ꯇꯣꯉꯥꯟ ꯇꯣꯉꯥꯟꯕ ꯆꯤꯕꯁꯤꯡꯅ ꯂꯩꯕ
ꯉꯝꯗ꯭ꯔꯕ ꯂꯩꯕꯥꯛ ꯑꯗꯨꯕꯨ ꯑꯁꯤꯕ ꯂꯩꯕꯥꯛ ꯀꯧꯏ꯫

ꯍꯦꯟꯅ ꯆꯥꯊꯣꯛ ꯂꯩꯕ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯈꯜꯁꯤꯡ ꯊꯥꯅꯔꯛꯄ ꯑꯃꯗꯤ ꯂꯧꯔꯣꯛ ꯃꯁꯤꯡ ꯍꯦꯟꯅ ꯂꯧꯐꯝ ꯑꯃ-

ꯗꯒꯤ ꯂꯧꯅꯕ ꯍꯣꯠꯅꯕꯒ ꯂꯣꯏꯅꯅ ꯁꯟꯊꯤ-ꯈꯟꯌꯨꯡ ꯑꯃꯗꯤ ꯀꯝꯄꯣꯁꯠꯅꯆꯤꯡꯕ ꯁꯤꯖꯤꯟꯅꯕꯒꯤ ꯃꯍꯨꯠꯇ
ꯄꯥꯝꯕꯤꯒꯤ ꯃꯆꯤꯟꯖꯥꯛ ꯃꯈꯜ ꯑꯃ ꯅꯠꯇ꯭ꯔꯒ ꯑꯅꯤꯈꯛ ꯌꯥꯎꯕ ꯍꯥꯔ ꯃꯈꯜꯁꯤꯡꯇꯃꯛ ꯁꯤꯖꯤꯟꯅꯔꯛꯄꯅ
ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯂꯧꯐꯝ ꯑꯃꯗ ꯌꯥꯎꯒꯗꯕ ꯇꯣꯉꯥꯟ-ꯇꯣꯉꯥꯟꯕ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯆꯤꯟꯖꯥꯛꯁꯤꯡꯒꯤ ꯃꯈꯜꯗ ꯆꯥꯎꯅ
ꯑꯀꯏꯕ ꯄꯤꯔꯦ꯫ ꯑꯁꯨꯝꯅ ꯇꯧꯕ ꯑꯁꯤꯅ ꯄꯥꯝꯕꯤꯅ ꯍꯧꯕ ꯃꯇꯝꯗꯁꯨ ꯁꯥꯍꯧ ꯐꯕ ꯉꯝꯗ꯭ꯔꯦ ꯑꯃꯗꯤ ꯂꯩꯕꯥꯛ
ꯃꯅꯨꯡꯗ ꯂꯩꯒꯗꯕ ꯇꯣꯉꯥꯟ-ꯇꯣꯉꯥꯟꯕ ꯃꯤꯠꯅ ꯎꯕ ꯑꯃꯗꯤ ꯎꯗꯕ ꯎꯗꯕ ꯖꯤꯕꯁꯤꯡꯅ ꯍꯤꯡꯕꯗꯁꯨ ꯈꯨꯗꯣꯡꯆꯥꯗꯕ
ꯃꯥꯌꯣꯛꯅꯍꯟꯗꯨꯅ ꯃꯈꯣꯏꯒꯤ ꯃꯁꯤꯡ ꯍꯟꯊꯍꯜꯂꯦ꯫ ꯃꯇꯧ ꯑꯁꯨꯝꯅ ꯂꯤꯁꯥꯡ ꯁꯤꯠꯅ ꯆꯊꯠꯊꯔꯛꯂꯕꯗꯤ ꯂꯧꯐꯝ
ꯑꯗꯨ ꯃꯇꯝ ꯈꯔꯒꯤ ꯃꯇꯨꯡꯗ ꯂꯧꯎ-ꯁꯤꯡꯎꯕꯒꯤ ꯁꯤꯟꯐꯝꯗ ꯁꯤꯖꯤꯟꯅꯕ ꯌꯥꯗꯕ ꯃꯐꯝ ꯑꯃ ꯍꯥꯏꯕꯗꯤ ꯑꯁꯤꯕ
ꯂꯧꯐꯝ ꯑꯣꯏꯔꯛꯏ꯫ ꯑꯁꯤꯒꯨꯃꯕ ꯈꯨꯗꯣꯡꯆꯥꯗꯕꯁꯤꯡ ꯑꯈꯤꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛ ꯑꯩꯈꯣꯏꯅ ꯄꯥꯝꯕꯤ-

ꯒꯤ ꯃꯆꯤꯟꯖꯥꯛꯀꯤ ꯈꯜ ꯆꯥꯅ ꯄꯤꯕꯤꯕ, ꯁꯟꯊꯤ-ꯁꯟꯌꯨꯡ/ꯀꯝꯄꯣꯁꯠ ꯑꯃꯗꯤ ꯄꯥꯝꯕꯤꯒꯤ ꯂꯦꯝꯍꯧꯈꯥꯛꯈꯤꯡ
ꯂꯧꯐꯝꯗ ꯃꯑꯣꯡ ꯆꯨꯝꯅ ꯍꯥꯞꯄꯗꯤꯅ ꯄꯥꯏꯈꯇꯐꯝ ꯊꯣꯛꯄ ꯆꯦꯛꯁꯤꯟ ꯊꯧꯔꯥꯡꯁꯤꯡ ꯃꯇꯝ ꯆꯥꯅ ꯄꯥꯏꯈꯠ-

ꯄꯤꯒꯗꯕꯅꯤ꯫ ꯃꯇꯝ ꯆꯥꯅ ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎ ꯆꯥꯡꯌꯦꯡ ꯇꯧꯊꯧꯛꯄꯤꯗꯨꯅ ꯑꯈꯪ ꯑꯍꯩꯁꯤꯡꯒꯤ ꯄꯥꯎꯇꯥꯛ ꯏꯟꯕꯤꯗꯨꯅ
ꯃꯁꯥ-ꯃꯎ ꯐꯕ ꯑꯐꯕ ꯂꯧꯐꯝ ꯑꯃ ꯄꯨꯟꯅ ꯁꯦꯝꯃꯤꯟꯅꯔꯁꯤ꯫

ꯑꯩꯈꯣꯏꯒꯤ ꯂꯧꯐꯝꯗ ꯎꯆꯤ, ꯇꯤꯟꯊ꯭ꯔꯣꯛ, ꯅꯥꯆꯜ, ꯆꯤꯀ꯭ꯔꯤꯕꯤ ꯑꯝꯗꯤ ꯇꯣꯉꯥꯟ ꯇꯣꯉꯥꯟꯕ ꯃꯤꯠꯅ ꯎꯕ ꯖꯤꯕ
ꯃꯌꯥꯝ ꯑꯃ ꯑꯃꯗꯤ ꯃꯤꯠꯅ ꯎꯕ ꯉꯝꯗꯕ ꯀꯣꯛꯐꯥꯏ ꯁꯨꯖꯥ ꯃꯈꯜ ꯃꯊꯦꯜ ꯃꯌꯥꯝ ꯑꯃ ꯌꯥꯎꯔꯤ꯫ ꯑꯆꯧꯕ ꯖꯤꯕ
ꯃꯈꯜꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯂꯩꯕꯥꯛ ꯃꯅꯨꯡꯗ ꯃꯐꯝ ꯑꯗꯃꯗꯒꯤ ꯑꯃꯗ ꯆꯠꯅꯕ ꯂꯝꯕꯦꯜ ꯁꯦꯝꯕ ꯃꯇꯝꯗ ꯏꯁꯤꯡ
ꯑꯃꯁꯨꯡ ꯅꯨꯡꯁꯤꯠꯅ ꯂꯩꯕꯥꯛ ꯃꯅꯨꯡꯗ ꯆꯪꯅꯕꯒꯤ ꯄꯥꯝꯕꯩ ꯑꯣꯏꯍꯜꯂꯤ꯫ ꯀꯥ ꯍꯦꯟꯅ ꯀꯟꯅ ꯐꯥꯖꯤꯟꯒꯗꯕ ꯂꯩꯕꯥꯛ
ꯑꯗꯨ ꯍꯣꯝꯗꯣꯛꯍꯜꯂꯤ ꯑꯃꯗꯤ ꯃꯐꯝ ꯁꯤꯟ ꯊꯨꯡꯅ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯔꯥꯅ ꯆꯠꯄꯗ ꯃꯇꯦꯡ ꯄꯥꯡꯏ꯫ ꯑꯃꯔꯣꯝꯗ
ꯑꯃꯨꯛ ꯏꯁꯤꯡ ꯑꯃꯗꯤ ꯅꯨꯡꯁꯤꯠꯀꯤ ꯈꯜ ꯆꯥꯅ ꯂꯩꯕꯥꯛ ꯃꯅꯨꯡꯗ ꯂꯩꯍꯥꯟꯕ ꯑꯁꯤꯅ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯔꯥ, ꯃꯔꯨ amdi

ꯂꯦꯝꯍꯧꯈꯥꯛꯈꯤꯡꯅ ꯌꯥꯡꯅ ꯄꯠꯊ-ꯄꯨꯝꯊꯗ ꯂꯩꯁꯥ ꯑꯣꯟꯗꯨꯅ ꯂꯧꯐꯝꯗ ꯑꯣꯔꯒꯥꯅꯛ ꯃꯦꯠꯇꯔ ꯌꯥꯎꯕꯒꯤ ꯆꯥꯡ
ꯋꯥꯡꯈꯠꯍꯟꯕꯗ ꯃꯇꯦꯡ ꯄꯥꯏ꯫

ꯂꯩꯕꯥꯛ ꯃꯅꯨꯡꯗ ꯂꯩꯕ ꯃꯤꯠꯅ ꯎꯕ ꯉꯝꯗꯕ ꯑꯍꯤꯡꯕ ꯖꯤꯕ ꯃꯈꯜꯁꯤꯡꯅ ꯂꯩꯕꯥꯛꯇ ꯌꯥꯎꯔꯤꯕ ꯇꯣꯉꯥꯟ
ꯇꯣꯉꯥꯟꯕ ꯄꯝꯕꯤꯒꯤ ꯃꯆꯤꯟꯖꯥꯛꯁꯤꯡꯕꯨ ꯄꯥꯝꯕꯤꯅ ꯂꯧꯕ ꯉꯝꯒꯗꯕ ꯃꯑꯣꯡꯗ ꯑꯣꯟꯊꯣꯛꯄꯗ ꯃꯇꯦꯡ ꯄꯥꯡꯏ꯫

ꯂꯧꯐꯝꯗ ꯄꯥꯝꯕꯤꯅ ꯀꯥꯟꯅꯒꯗꯕ ꯇꯣꯉꯥꯟ ꯇꯣꯉꯥꯟꯕ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯆꯤꯟꯖꯥꯛꯁꯤꯡ ꯃꯄꯨꯡ ꯐꯥꯅ ꯌꯥꯎꯖꯔꯕꯁꯨ
ꯑꯁꯤꯒꯨꯝꯕ ꯄꯣꯠꯂꯝꯁꯤꯡ ꯑꯁꯤꯕꯨ ꯄꯥꯝꯕꯤꯅ ꯂꯧꯕ ꯉꯝꯒꯗꯕ ꯃꯑꯣꯡꯗ ꯑꯣꯟꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛ ꯇꯣꯉꯥꯟ
ꯇꯣꯉꯥꯟꯕ ꯖꯤꯕꯁꯤꯡ ꯑꯁꯤ ꯂꯩꯇ꯭ꯔꯕꯗꯤ ꯀꯥꯟꯅꯐꯝ ꯈꯪꯗꯦ꯫ ꯃꯔꯝ ꯑꯈꯤꯅ ꯑꯩꯈꯣꯏꯒꯤ ꯂꯧꯐꯝꯗ ꯃꯤꯠꯅ ꯎꯕ
ꯑꯝꯗꯤ ꯃꯤꯠꯅ ꯎꯗꯕ ꯑꯍꯤꯡꯕ ꯖꯤꯕꯁꯤꯡꯒꯤ ꯑꯀꯛꯅꯕ ꯈꯜ ꯑꯃꯗ ꯊꯝꯗꯨꯅ ꯂꯩꯁꯥ ꯑꯁꯤ ꯂꯤꯁꯥꯡ ꯁꯤꯠꯅ ꯂꯧ
ꯎꯕ ꯌꯥꯕ ꯃꯐꯝ ꯑꯃ ꯑꯣꯏꯍꯟꯅꯕ ꯍꯣꯠꯅꯕꯒꯤ ꯃꯇꯝ ꯑꯗꯨ ꯌꯧꯔꯦ꯫

ꯑꯁꯤꯒꯨꯝꯕ ꯆꯤꯕꯁꯤꯡ ꯑꯁꯤꯅ ꯍꯤꯡꯕꯗ ꯇꯉꯥꯏꯐꯗꯅ ꯆꯪꯕ ꯄꯥꯝꯕꯤꯒꯤ ꯂꯦꯝꯍꯧꯈꯥꯛꯁꯤꯡ ꯁꯟꯊꯤ,
ꯁꯟꯌꯨꯡ/ꯀꯝꯄꯣꯁꯠ ꯃꯇꯝ ꯆꯥꯅ ꯑꯃꯗꯤ ꯃꯑꯣꯡ ꯆꯨꯝꯅ ꯍꯥꯞꯄꯤꯗꯨꯅ ꯃꯁꯥ-ꯃꯎ ꯐꯕ ꯑꯐꯕ ꯂꯧꯐꯝ ꯑꯃ
ꯁꯦꯝꯃꯤꯅꯔꯁꯤ꯫

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ꯗꯣ. ꯋꯥꯏꯈꯣꯝ ꯖꯤꯇꯦꯟ
ꯃꯥꯂꯦꯝꯒꯤ ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎꯒꯤ ꯅꯨꯃꯤꯠ
ꯑꯋꯥꯡ ꯅꯣꯡꯄꯣꯛ ꯏꯟꯗꯤꯌꯥ ꯑꯁꯤ ꯁ꯭ꯇꯦꯠ ꯅꯤꯄꯥꯟꯅ ꯁꯥꯕ ꯂꯝꯗꯝꯅꯤ꯫ ꯁ꯭ꯇꯦꯠꯁꯤꯡ ꯑꯁꯤ ꯃꯤꯡ ꯑꯣꯏꯅ
ꯄꯜꯂꯕꯗ ꯑꯔꯨꯅꯥꯆꯜ ꯄ꯭ꯔꯗꯦꯁ, ꯑꯥꯁꯥꯝ, ꯃꯅꯤꯄꯨꯔ, ꯃꯦꯘꯥꯂꯌ, ꯃꯤꯖꯣꯔꯥꯝ, ꯅꯥꯒꯥꯂꯦꯟꯗ, ꯁꯤꯛꯀꯤꯝ ꯑꯃꯗꯤ
ꯒ꯭ꯔꯤꯄꯨꯔꯥꯅꯤ꯫ ꯃꯍꯧꯁꯥ ꯂꯥꯏꯔꯦꯝꯕꯤꯅ ꯂꯝꯗꯝ ꯑꯁꯤꯕꯨ ꯃꯈꯜ ꯃꯈꯥ ꯀꯌꯥꯒꯤ ꯉꯥ ꯑꯃꯗꯤ ꯏꯁꯤꯡꯒꯤ ꯇꯨꯡꯅꯐꯝ
ꯑꯣꯏꯍꯜꯂꯤ꯫ ꯂꯝꯗꯝ ꯑꯁꯤꯒꯤ ꯃꯤꯁꯤꯡꯒꯤ ꯆꯥꯗ 90ꯗꯤ ꯉꯥ ꯆꯥꯏ꯫ ꯃꯔꯝ ꯑꯁꯤꯅ ꯉꯥꯒꯤ ꯄꯣꯠꯊꯣꯛ ꯑꯃꯗꯤ
ꯗꯤꯃꯥꯟꯗ ꯑꯅꯤꯒꯤ ꯃꯔꯛꯇ ꯉꯁꯤꯁꯨ ꯑꯆꯣꯕ ꯑꯋꯥꯇꯄ ꯂꯩꯔꯤ꯫ ꯆꯍꯤ ꯈꯨꯗꯤꯡꯒꯤ ꯑꯋꯥꯡ ꯅꯣꯡꯄꯣꯛ ꯏꯟꯗꯤ-

ꯌꯥꯒꯤ ꯂꯝꯗꯝꯁꯤꯗꯒꯤ 0.214 ꯃꯤꯂꯤꯌꯟ ꯇꯣꯟꯒꯤ ꯆꯥꯡꯗ ꯉꯥꯒꯤ ꯄꯣꯠꯊꯣꯛ ꯄꯨꯊꯣꯛꯏ꯫ ꯃꯁꯤꯗꯒꯤ ꯆꯥꯗ 50 ꯗꯤ
ꯉꯥꯌꯣꯛ ꯐꯥꯔꯝꯁꯤꯡꯗꯒꯤ ꯄꯨꯊꯣꯛꯏ꯫ ꯃꯁꯤ ꯑꯣꯏꯔꯕꯁꯨ, ꯉꯁꯤꯒꯤ ꯃꯇꯝ ꯑꯁꯤꯗꯗꯤ ꯉꯥꯒꯤ ꯂꯥꯏꯅꯥ ꯍꯥꯏꯕꯗꯤ
ꯁꯟꯗꯣꯛꯀꯟꯕ ꯅꯠꯇ꯭ꯔꯒ ꯂꯧꯅꯒꯟꯕ ꯑꯃꯗꯤ ꯂꯧꯅꯒꯟꯗꯕ ꯂꯥꯏꯅꯥꯁꯤꯡ ꯑꯁꯤꯅ ꯉꯥꯒꯤ ꯄꯣꯠꯊꯣꯛ ꯄꯨꯊꯣꯛꯄꯗ
ꯆꯥꯡ ꯍꯟꯊꯍꯟꯅꯕ ꯃꯔꯝ ꯑꯃ ꯑꯣꯏꯔꯤ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯉꯥ ꯌꯣꯛꯂꯤꯕ ꯃꯤꯑꯣꯏꯁꯤꯡꯒꯤ ꯁꯦꯟꯊꯣꯛ ꯂꯝꯕꯤꯗ
ꯑꯆꯧꯕ ꯑꯀꯥꯏꯕ ꯄꯤꯔꯤ꯫

ꯉꯥꯌꯣꯛ ꯄꯨꯈ꯭ꯔꯤꯁꯤꯡꯗ ꯂꯥꯏꯅ ꯊꯣꯛꯍꯟꯗꯅ ꯊꯝꯒꯦ ꯍꯥꯏꯔꯕꯗꯤ ꯉꯥꯁꯤꯡꯕꯨ ꯃꯁꯥ ꯐꯅ ꯊꯝꯕ ꯃꯊꯧ ꯇꯥꯏ꯫

ꯑꯋꯥꯡ ꯅꯣꯡꯄꯣꯛ ꯏꯟꯗꯤꯌꯥꯗ ꯉꯥꯗ ꯇꯣꯏꯅ ꯅꯥꯒꯟꯕ ꯂꯥꯏꯅꯥꯁꯤꯡ ꯑꯃꯗꯤ ꯃꯈꯣꯏꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ
ꯑꯃꯁꯨꯡ ꯂꯥꯌꯦꯡ ꯃꯈꯥꯗ ꯄꯤꯖꯔꯤ꯫

1) ꯃꯤꯠꯀꯤ ꯂꯥꯏꯅꯥ : ꯉꯥꯁꯤꯉꯒꯤ ꯃꯃꯤꯠ, ꯃꯤꯠ ꯅꯍꯥ ꯉꯥꯡꯂꯛꯀꯅꯤ ꯑꯃꯗꯤ ꯉꯧꯗꯣꯡ ꯑꯣꯏꯔꯛꯀꯅꯤ꯫

ꯇꯨꯡꯗ ꯈꯨꯗꯣꯡꯊꯤꯅꯤꯡꯉꯥꯏ ꯑꯣꯏ, ꯁꯤꯕ ꯐꯥꯎꯕ ꯌꯥꯎꯏ꯫ ꯍꯥꯏꯔꯤꯕ ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯃꯔꯨꯑꯣꯏꯅ ꯕꯦꯛꯇꯔꯤꯌꯥꯅ
ꯅꯥꯍꯟꯕꯅꯤ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯌꯥꯝꯅ ꯁꯟꯗꯣꯛꯀꯅꯤ꯫ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛꯇꯗꯤ ꯄꯨꯈ꯭ꯔꯤ-

ꯁꯤꯡ ꯑꯗꯨ ꯄꯣꯇꯥꯁꯤꯌꯝ ꯄꯔ ꯕꯦꯟꯒꯅꯦꯠ ꯆꯥꯏꯊꯣꯛꯄꯤꯒꯅꯤ꯫ ꯆ aIgdb ꯉꯥꯡꯅ ꯄꯔꯤ ꯑꯃ ꯆꯥꯎꯕ ꯑꯗꯨꯒ
ꯃꯤꯇꯔ ꯑꯃ ꯂꯨꯕ ꯃꯐꯝꯗ ꯒ꯭ꯔꯥꯝ 100 ꯆꯥꯏꯕꯤꯒꯅꯤ꯫ ꯃꯊꯪꯗ ꯁꯨꯅꯨ ꯀꯤꯂꯣ 30 ꯆꯥꯏꯕꯤꯒꯅꯤ꯫

2) ꯀꯂꯝꯅꯔꯤꯁ/ꯀꯇꯟ ꯋꯨꯜ ꯂꯥꯏꯅꯥ : ꯍꯥꯏꯔꯤꯕ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯁꯨ ꯕꯦꯛꯇꯔꯤꯌꯥꯅ ꯊꯣꯛꯍꯟꯕꯅꯤ꯫ ꯂꯥꯏꯅꯥ
ꯑꯁꯤꯅ ꯅꯥꯔꯕ ꯉꯥꯁꯤꯡꯗ ꯉꯧꯔꯤ-ꯉꯧꯔꯤ ꯇꯧꯕ ꯗꯥꯒ ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯉꯥꯒꯤ ꯒꯤꯜꯗ ꯊꯝꯆꯦꯠꯃꯥꯟꯕꯤꯒꯨꯝꯅ ꯑꯉꯧꯕ
ꯄꯛꯄ ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯂꯥꯏꯅ ꯑꯁꯤꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛꯇꯗꯤ ꯌꯣꯛꯂꯤꯕ ꯉꯥꯒꯤ ꯃꯁꯤꯡ ꯍꯟꯊꯍꯟꯕ,
ꯁꯨꯅꯨ ꯀꯤꯂꯣ 200 ꯑꯃꯗꯤ ꯊꯨꯝ ꯀꯤꯂꯣ 100 ꯄꯔꯤ ꯑꯃ ꯆꯥꯎꯕ ꯑꯗꯨꯒ ꯃꯤꯇꯔ ꯑꯃ ꯂꯨꯕ ꯄꯨꯈ꯭ꯔꯤꯗ ꯆꯥꯏꯊꯣꯛ-

ꯀꯅꯤ꯫ ꯑꯅꯥꯕ ꯉꯥꯁꯤꯡ ꯑꯗꯨ ꯐꯥꯗꯣꯛꯇꯨꯅ ꯃꯩ ꯊꯥꯗꯨꯅ ꯅꯠꯇ꯭ꯔꯒ ꯃꯐꯝ ꯆꯥꯅ ꯃꯥꯡꯍꯟꯈꯤꯒꯅꯤ꯫

3) ꯇꯦꯛꯇꯥꯏꯂꯣꯒꯥꯏꯔꯣꯁꯤꯁ ꯑꯃꯁꯨꯡ ꯒꯥꯏꯔꯣꯗꯦꯛꯇꯥꯏꯂꯣꯁꯤꯁ : ꯂꯥꯏꯅꯥ ꯑꯁꯤꯁꯨ ꯄꯦꯔꯥꯁꯥꯏꯠ ꯃꯈꯜ
ꯑꯃꯅ ꯊꯣꯛꯍꯟꯕꯤ꯫ ꯂꯥꯏꯅ ꯑꯁꯤꯅ ꯅꯥꯔꯕ ꯉꯥꯁꯤꯡꯗꯤ ꯄꯣꯠꯊꯥꯐꯝ ꯈꯪꯗꯕꯒꯤ ꯃꯑꯣꯡ ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯉꯥꯒꯤ
ꯃꯆꯨ ꯃꯨꯁꯤꯜꯂꯛꯀꯅꯤ꯫ ꯏꯁꯤꯡꯗ ꯂꯩꯕ ꯑꯀꯟꯕ ꯄꯥꯝꯕꯤ ꯅꯠꯇ꯭ꯔꯒ ꯎꯒꯨꯃꯕꯗ ꯇꯛꯄ ꯊꯦꯡꯅꯒꯅꯤ ꯑꯃꯗꯤ
ꯏꯁꯤꯡꯒꯤ ꯏꯃꯥꯏꯗ ꯆꯥꯕ ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯗꯒꯤ ꯉꯥꯏꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛꯇꯗꯤ ꯐꯣꯔꯃꯦꯂꯤꯟ ꯂꯤꯇꯔ
ꯑꯅꯤ ꯃꯈꯥꯏ ꯄꯔꯤ ꯑꯃ ꯆꯥꯎꯕ ꯄꯨꯈ꯭ꯔꯤꯗ ꯆꯥꯏꯕꯤꯒꯅꯤ ꯅꯠꯇ꯭ꯔꯒ ꯄꯣꯇꯥꯁꯤꯌꯝ ꯄꯔ ꯃꯦꯟꯒꯅꯦꯇ ꯀꯤꯂꯣ
ꯑꯃ ꯄꯔꯤ ꯑꯃ ꯆꯥꯎꯕ ꯃꯤꯇꯔ ꯑꯃ ꯂꯨꯕ ꯄꯨꯈ꯭ꯔꯤꯗ ꯆꯥꯏꯕꯤꯒꯅꯤ꯫

4) ꯕ꯭ꯂꯦꯛ ꯁ꯭ꯄꯣꯠ/ꯗꯤꯄ꯭ꯂꯣꯁꯇꯣꯃꯤꯌꯁꯤꯁ : ꯂꯥꯏꯅꯥ ꯑꯁꯤꯁꯨ ꯄꯥꯔꯥꯁꯥꯏꯠ ꯃꯈꯜ ꯑꯃꯅ ꯊꯣꯛꯍꯟꯕꯅꯤ꯫

ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ ꯅꯥꯔꯕ ꯉꯥꯁꯤꯡꯗ ꯑꯃꯨꯕ ꯃꯇꯨꯝ ꯃꯆꯥ ꯃꯆꯥ ꯄꯛꯀꯅꯤ ꯑꯝꯗꯤ ꯃꯃꯤꯠꯇ ꯉꯧꯗꯣꯡ ꯄꯛꯄꯒꯨꯝꯕ
ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯗꯒꯤ ꯉꯥꯏꯊꯣꯀꯅꯕꯒꯤꯗꯃꯛꯇꯗꯤ ꯉꯥ ꯌꯣꯛꯂꯤꯕ ꯄꯨꯈ꯭ꯔꯤꯗꯨꯗꯒꯤ ꯊꯔꯣꯏ ꯅꯠꯇ꯭ꯔꯒ
ꯀꯣꯡꯒ꯭ꯔꯦꯡ ꯄꯨꯝꯅꯃꯛ ꯂꯧꯊꯣꯛꯀꯗꯕꯅꯤ꯫

5) ꯑꯔꯒꯨꯂꯣꯁꯤꯁ : ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯑꯔꯒꯨꯜꯁ ꯍꯥꯏꯔꯤꯕ ꯄꯦꯔꯥꯁꯥꯏꯠ ꯑꯁꯤꯅ ꯊꯣꯛꯍꯟꯕꯅꯤ꯫ ꯂꯥꯏꯅ ꯑꯁꯤꯅ
ꯅꯥꯔꯕꯗꯤ ꯉꯥꯁꯤꯡꯒꯤ ꯃꯁꯥꯗ ꯏ ꯊꯣꯛꯄꯒꯨꯝꯕ ꯆꯥꯒꯐꯃ ꯃꯆꯥ ꯃꯆꯥ ꯊꯦꯡꯅꯒꯅꯤ ꯑꯃꯗꯤ ꯄꯨꯈ꯭ꯔꯒꯤ ꯂꯩꯔꯥꯏꯁꯤꯡꯗ
ꯆꯪꯁꯤꯟꯗꯨꯅ ꯇꯛꯄ ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛꯇꯒꯤ ꯂꯥ/ꯎꯄꯥꯛ/ꯋꯥ ꯊꯥꯗꯗꯨꯅ
ꯄꯥꯔꯥꯁꯥꯏꯠꯁꯤꯡ ꯑꯗꯨ ꯅꯞꯍꯜꯂꯒ ꯂꯧꯊꯣꯛꯀꯅꯤ ꯅꯠꯇ꯭ꯔꯒ ꯁꯥꯏꯄꯔꯃꯦꯊꯥꯏꯅꯣ ꯃꯤꯂꯤ: 100 ꯄꯔꯤ ꯑꯃ ꯆꯥꯎꯕ
ꯑꯗꯨꯒ ꯃꯤꯇꯔ ꯑꯃ ꯂꯨꯕ ꯄꯨꯈ꯭ꯔꯤꯗ ꯆꯥꯏꯒꯅꯤ ꯅꯠꯇ꯭ꯔꯒ ꯄꯣꯇꯥꯁꯤꯌꯝ ꯄꯔꯃꯦꯟꯒꯅꯦꯠ ꯀꯤꯂꯣ 4 ꯄꯔꯤ ꯑꯃ
ꯆꯥꯎꯕ ꯑꯗꯨꯒ ꯃꯤꯇꯔ ꯑꯃ ꯂꯨꯕ ꯄꯨꯈ꯭ꯔꯤꯗ ꯆꯥꯏꯒꯅꯤ ꯅꯠꯇ꯭ꯔꯒꯅ ꯄꯣꯇꯥꯁꯤꯌꯝ ꯄꯔꯃꯦꯟꯒꯅꯦꯠ ꯀꯤꯂꯣ 4
ꯄꯔꯤ ꯑꯃ ꯆꯥꯎꯕ ꯑꯃꯗꯤ ꯃꯤꯇꯔ ꯑꯃ ꯂꯨꯕ ꯄꯨꯈ꯭ꯔꯤꯗ ꯆꯥꯏꯒꯅꯤ꯫

6) ꯂꯥꯔꯅꯤꯌꯁꯤꯁ : ꯍꯥꯏꯔꯤꯕ ꯂꯥꯏꯅ ꯑꯁꯤꯁꯤ ꯂꯥꯔꯅꯤꯌꯥ ꯍꯥꯏꯕ ꯄꯦꯔꯥꯁꯥꯏꯠ ꯃꯈꯜ ꯑꯃꯅ ꯊꯣꯛꯍꯟꯕꯅꯤ꯫

ꯂꯥꯏꯅꯥ ꯑꯁꯤꯒꯤ ꯂꯥꯏꯑꯣꯡ ꯑꯁꯤ ꯃꯊꯛꯇ ꯄꯟꯈ꯭ꯔꯤꯕ ꯑꯔꯒꯨꯂꯣꯁꯤꯁꯀ ꯌꯥꯝꯅ ꯃꯥꯟꯅꯩ ꯑꯃꯗꯤ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯗ-

ꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕꯒꯤ ꯊꯧꯑꯣꯡꯁꯨ ꯆꯞ ꯃꯥꯟꯅꯩ꯫

7) ꯏꯄꯤꯖꯨꯇꯤꯛ ꯑꯜꯁꯔꯦꯇꯤꯚ ꯁꯤꯟꯗ꯭ꯔꯣꯝ : ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯀꯣꯛꯐꯥꯏ ꯃꯈꯜ ꯑꯃ ꯑꯃꯗꯤ ꯃꯁꯤꯒ
ꯂꯣꯏꯅꯅ ꯑꯇꯣꯞ ꯃꯍꯤꯛꯁꯤꯡꯒ ꯄꯨꯜꯂꯒ ꯊꯣꯛꯍꯟꯕꯅꯤ꯫ ꯂꯥꯏꯅꯥ ꯃꯈꯜ ꯑꯁꯤ ꯏꯁꯤꯡꯅ ꯏꯪꯁꯤꯜꯂꯒ ꯑꯃꯗꯤ
ꯏꯁꯤꯡ ꯐꯠꯂꯛꯇꯕ ꯃꯇꯝꯗ ꯌꯥꯝꯅ ꯊꯣꯛꯀꯂꯤ ꯑꯃꯗꯤ ꯌꯥꯝꯅ ꯁꯟꯗꯣꯛꯀꯜꯂꯤ꯫

ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ ꯅꯥꯔꯕꯗꯤ ꯉꯥꯒꯤ ꯃꯁꯥꯗ ꯆꯥꯐꯠꯄꯒꯝꯕ ꯊꯦꯡꯅꯒꯅꯤ ꯑꯗꯨꯕꯨ ꯅꯥꯏꯒꯨꯝꯕꯗꯤ ꯊꯦꯡꯅꯔꯣꯏ꯫ ꯂꯥꯏꯅꯥ
ꯑꯁꯤꯅ ꯈꯔ ꯀꯟꯅ ꯅꯥꯔꯕꯗꯤ ꯉꯥꯒꯤ ꯃꯁꯥꯗꯒꯤ ꯁꯔꯨꯛ ꯑꯃ ꯌꯥꯎꯗꯕꯁꯨ ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅ-

ꯕꯒꯤꯗꯃꯛꯇꯗꯤ ꯁꯤꯐꯦꯛꯁ ꯂꯤꯇꯔ ꯑꯃ ꯄꯔꯤ ꯑꯃ ꯄꯥꯛꯄ ꯑꯗꯨꯒ ꯃꯤꯇꯔ ꯑꯃ ꯂꯨꯕ ꯄꯨꯈ꯭ꯔꯤꯗ ꯆꯥꯏꯊꯣꯛꯀꯅꯤ꯫

8) ꯅ꯭ꯌꯨꯇ꯭ꯔꯤꯁꯅꯜ ꯗꯤꯁꯑꯣꯔꯗꯔ : ꯉꯥꯒꯤ ꯃꯆꯤꯟꯖꯥꯛ ꯄꯤꯖꯕ ꯃꯇꯝꯗ ꯑꯋꯥꯠꯄ ꯀꯌꯥ ꯂꯩꯕꯅ ꯃꯔꯝ
ꯑꯣꯏꯗꯨꯅ ꯂꯥꯏꯅ ꯀꯌꯥ ꯊꯣꯛꯍꯜꯂꯤ꯫ ꯈꯨꯗꯝ ꯑꯣꯏꯟ ꯍꯥꯏꯔꯕꯗ ꯉꯥꯒꯤ ꯃꯀꯣꯛ ꯆꯥꯎꯊꯣꯛꯂꯒ ꯃꯇꯣꯡꯒꯤ ꯁꯔꯨꯛ
ꯌꯥꯎꯗꯕ, ꯃꯃꯤꯠ ꯇꯥꯡꯂꯛꯄ, ꯉꯥꯒꯤ ꯃꯌꯥꯡꯂꯦꯟ ꯁꯔꯨꯛ ꯀꯣꯜꯂꯛꯄ ꯑꯃꯗꯤ ꯃꯃꯤꯠꯇ ꯉꯧꯗꯣꯡ ꯂꯩꯔꯛꯄ
ꯑꯁꯤꯅꯆꯤꯡꯕꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕ ꯂꯥꯏꯅꯥꯁꯤꯡ ꯑꯁꯤ ꯚꯤꯇꯥꯃꯤꯟ ꯑꯃꯗꯤ ꯃꯤꯅꯔꯦꯜꯁꯤꯡ ꯋꯥꯠꯂꯛꯄ ꯑꯝꯗꯤ ꯌꯨ
ꯆꯦꯟꯕ ꯄꯣꯠꯁꯛ ꯆꯥꯔꯨꯕꯗꯒꯤ ꯊꯣꯛꯍꯜꯂꯛꯄꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕ ꯂꯥꯏꯅꯥꯁꯤꯉ ꯑꯁꯤꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕꯒꯤꯗꯃ-

Ktdi ꯃꯆꯜ ꯁꯨꯕ ꯃꯆꯤꯟꯖꯥꯛ ꯄꯤꯖꯕꯤꯕ ꯑꯁꯤꯅꯤ꯫ ꯀꯔꯤꯒꯨꯃꯕ ꯆꯦꯡꯀꯨꯞ ꯑꯝꯗꯤ ꯊꯥꯎꯊꯤ ꯄꯤꯖꯕꯤꯔꯕꯗꯤ
ꯀꯤꯂꯣ 100ꯒꯤ ꯃꯆꯤꯟꯖꯥꯛ ꯁꯦꯝꯕꯤꯕ ꯃꯇꯝꯗ ꯚꯤꯇꯥꯃꯤꯟ ꯑꯃꯗꯤ ꯃꯤꯅꯔꯦꯜꯒꯤ ꯃꯤꯛꯆꯔ ꯀꯤꯂꯣ 1 ꯌꯥꯟ-

ꯕꯤꯔꯒ ꯄꯤꯖꯕꯤꯕ ꯀꯥꯟꯅꯒꯅꯤ꯫

(9) ꯑꯀꯣꯏꯕꯒꯤ ꯐꯤꯚꯝ ꯐꯠꯆꯤꯜꯂꯛꯇꯕꯗꯒꯤ ꯊꯣꯛꯍꯜꯂꯛꯄ ꯑꯀꯥꯏꯕꯁꯤꯡ : ꯑꯣꯛꯁꯤꯒꯦꯟ ꯋꯥꯠꯂꯛ-

ꯄꯗꯒꯤ ꯉꯥ ꯃꯌꯥ ꯀꯥꯗꯨꯅ ꯂꯩꯕ, ꯀꯥꯔꯕꯣꯟꯗꯥꯏꯑꯣꯛꯁꯥꯏꯗ ꯍꯦꯟꯕꯗꯤ ꯉꯥ ꯃꯁꯥꯗꯨ ꯅꯥꯟ-ꯅꯥꯟ ꯂꯥꯎꯕ ꯃꯅꯥꯡ ꯌꯥꯝꯅ
ꯊꯣꯛꯂꯛꯄ ꯅꯥꯏꯇ꯭ꯔꯣꯒꯦꯟ ꯑꯃꯁꯨꯡ ꯑꯣꯛꯁꯤꯒꯦꯟꯒꯤ ꯆꯥꯡ ꯍꯦꯟꯃꯟꯕꯗꯒꯤ ꯒ꯭ꯌꯥꯁ ꯕꯕꯜ ꯂꯥꯏꯅ ꯊꯣꯛꯍꯟꯕ,
ꯍꯥꯏꯗ꯭ꯔꯣꯖꯦꯟ ꯁꯜꯐꯥꯏꯗꯒꯤ ꯆꯥꯡ ꯍꯦꯟꯕꯗꯒꯤ ꯄꯨꯈ꯭ꯔꯤꯒꯤ ꯃꯈꯥ ꯊꯪꯕ ꯁꯔꯨꯛꯇ ꯆꯥꯕ ꯉꯥꯁꯤꯡ ꯁꯤꯔꯛꯄ
ꯑꯁꯤꯅꯆꯤꯡꯕ ꯑꯁꯤ ꯉꯥꯅ ꯂꯩꯔꯤꯕ ꯑꯀꯣꯏꯕꯒꯤ ꯐꯤꯚꯝ ꯐꯠꯆꯤꯜꯂꯛꯇꯕꯗꯒꯤ ꯊꯣꯛꯍꯜꯂꯛꯄꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕ
ꯊꯧꯑꯣꯡꯁꯤꯡ ꯑꯁꯤꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛꯇꯗꯤ ꯏꯁꯤꯡꯒꯤ ꯐꯤꯚꯝ ꯐꯅ ꯊꯝꯕ ꯑꯃꯗꯤ ꯁꯥꯏꯇꯤꯐꯤꯛ
ꯐꯤꯁ ꯁꯥꯔꯃꯤꯡꯒꯤ ꯀꯥꯡꯂꯣꯟꯁꯤꯡ ꯀꯥꯏꯗꯅ ꯄꯥꯡꯊꯣꯛꯄꯤꯒꯗꯕꯅꯤ꯫

ꯂꯣꯏꯁꯤꯜꯂꯛꯄꯗ ꯃꯌꯥꯝꯗ ꯋꯥꯍꯩ ꯈꯔꯗꯪ ꯊꯝꯖꯒꯦ ꯃꯗꯨꯗꯤ ꯇ꯭ꯔꯤꯠꯃꯦꯟꯠ ꯍꯥꯏꯕꯁꯤ ꯀꯔꯤꯒꯨꯃꯕ ꯄ꯭ꯔꯣꯕ꯭ꯂꯦꯝ
ꯑꯃꯕꯨ ꯐꯍꯟꯅꯕꯒꯤ ꯑꯔꯣꯏꯕ ꯈꯣꯡꯊꯥꯡꯅꯤ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯄ꯭ꯔꯣꯕ꯭ꯂꯦꯝ ꯊꯣꯛꯇ꯭ꯔꯤꯉꯩꯗꯒꯤ ꯃꯥꯡꯑꯣꯏꯅꯅ
ꯄ꯭ꯔꯣꯕ꯭ꯂꯦꯝ ꯊꯣꯛꯂꯛꯇꯅꯕ ꯑꯣꯏꯅ ꯍꯣꯠꯅꯃꯤꯟꯅꯔꯁꯤ꯫

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ꯇꯤꯜꯍꯧ ꯊꯥꯕ
ꯇꯤꯜꯍꯧ-ꯆꯅꯝ ꯑꯁꯤ ꯂꯧꯃꯤꯁꯤꯡꯒꯤ ꯌꯥꯝꯅ ꯃꯔꯨꯑꯣꯏꯕ ꯃꯔꯣꯏ-ꯃꯄꯥꯡꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯑꯃꯅꯤ꯫

ꯍꯥꯟꯅꯗꯤ ꯑꯄꯤꯛꯄ ꯐꯩꯗꯣꯝ ꯑꯃ-ꯑꯅꯤꯗ ꯂꯝꯗꯝꯁꯤꯒ ꯆꯥꯅꯖꯔꯛꯂꯕ ‘ꯇꯤꯜꯍꯧ ꯃꯆꯥ’ ꯈꯔ ꯅꯠꯇꯅ ꯄꯪꯊꯥ
ꯊꯥꯅꯔꯝꯗꯦ꯫ ꯑꯗꯨꯕꯨ ꯉꯁꯤꯗꯤ ꯄꯥꯛꯁꯟꯅ ꯃꯈꯜ ꯀꯌꯥꯒꯤ ꯇꯤꯜꯍꯣ ꯊꯥꯅꯔꯛꯂꯦ꯫ ꯃꯥꯂꯦꯝ ꯄꯨꯝꯕꯒꯤ ꯑꯣꯏꯅ
ꯌꯦꯡꯕꯗ ꯏꯟꯗꯤꯌꯥꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯍꯦꯟꯅ ꯇꯤꯜꯍꯣ ꯊꯥꯏ꯫ ꯃꯤꯂꯤꯌꯟ ꯍꯦꯛꯇꯔ 0.49ꯒꯤ ꯂꯝꯗ ꯇꯤꯜꯍꯧ ꯊꯥꯅ-

ꯔꯤ꯫ ꯄꯣꯠꯊꯣꯛ ꯄꯨꯊꯣꯛꯄꯒꯤ ꯆꯥꯡ ꯌꯦꯡꯂꯒꯅꯤ ꯑꯅꯤꯁꯨꯕ ꯑꯣꯏꯗꯨꯅ ꯃꯤꯂꯤꯌꯟ ꯇꯟ 4.9 ꯂꯣꯝ ꯄꯨꯊꯣꯛꯂꯤ꯫

ꯄꯥꯝꯕꯤ ꯑꯃꯗꯤ ꯀ꯭ꯋꯤꯟꯇꯟ 235 ꯄꯨꯊꯣꯛꯇꯨꯅ ꯒꯨꯖꯔꯥꯠꯅ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯃꯅꯨꯡꯗꯗꯤ ꯃꯥꯡꯖꯤꯜ ꯊꯥꯔꯤ꯫ ꯁ꯭ꯇꯦꯠ
ꯑꯁꯤꯒꯤ ꯑꯣꯏꯅ ꯌꯦꯜꯒꯗꯤ ꯇꯤꯜꯍꯧ ꯊꯥꯗꯕꯒꯨꯃꯕꯅꯤ꯫ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯑꯇꯩ ꯃꯐꯝꯁꯤꯡꯗꯒꯤ ꯄꯨꯁꯤꯜꯂꯛꯄꯗ
ꯅꯠꯇꯅ ꯃ꯭ꯌꯥꯟꯃꯥꯔꯗꯒꯤꯁꯨ ꯆꯥꯡ ꯋꯥꯡꯅ ꯄꯨꯁꯤꯜꯂꯛꯂꯤ꯫ ꯃꯥꯏꯀꯩ ꯑꯁꯣꯝꯗ ꯌꯥꯝꯅ ꯄꯨꯛꯅꯤꯡ ꯆꯪꯁꯤꯟꯕ ꯃꯊꯧ
ꯇꯥꯔꯤ꯫ ꯑꯃꯔꯣꯝꯗ ꯑꯦꯟꯁꯥꯡ-ꯅꯥꯄꯤ ꯀꯌꯥꯔꯒꯤ ꯃꯔꯛꯇ ꯇꯤꯜꯍꯧ-ꯆꯅꯝ ꯊꯥꯖꯤꯟꯕꯅ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ ꯇꯥꯕ ꯍꯟ-

ꯊꯕꯒꯤ ꯑꯆꯧꯕ ꯃꯔꯝ ꯑꯃ ꯑꯣꯏꯕꯅ ꯇꯉꯥꯏꯐꯗꯅ ꯊꯥꯅꯤꯡꯕ ꯄꯣꯠꯂꯝ ꯑꯃ ꯑꯣꯏꯔꯛꯂꯤ꯫

ꯇꯤꯜꯍꯧ ꯃꯈꯜ : ꯃꯅꯤꯄꯨꯔꯗ ꯆꯥꯅꯕ ꯇꯤꯜꯍꯧ ꯃꯈꯜꯁꯤꯡ ‘ꯃꯁꯤꯅꯤ’ ꯍꯥꯏꯕ ꯑꯃ ꯂꯩꯇ꯭ꯔꯒꯁꯨ ꯃꯇꯝ ꯃꯇ-

Mgi ꯊꯥꯅꯕ ꯃꯔꯨ-ꯃꯔꯥꯡ ꯌꯣꯜꯂꯤꯕ ꯗꯨꯀꯥꯟꯁꯤꯡꯗꯒꯤ ꯂꯩꯔꯒ ꯊꯥꯅꯕ ꯉꯥꯀꯇꯅꯤ꯫ ꯍꯤꯔꯝ ꯑꯁꯤꯒꯤ ꯃꯇꯥꯡꯗ
ꯑꯈꯪ ꯑꯍꯩꯁꯤꯡꯅ ꯇꯤꯜꯍꯧꯕꯨ ꯃꯈꯜ ꯀꯌꯥ ꯊꯣꯛꯅ ꯈꯥꯏꯗꯣꯛꯂꯕꯁꯨ ꯃꯤꯌꯥꯝꯅ ꯄꯥꯝꯅꯔꯤꯕꯁꯤ ꯑꯉꯥꯡꯕ ꯃꯈꯜ
(ꯅꯥꯁꯤꯛ ꯔꯣꯗ) ꯒꯨꯝꯕ ꯑꯁꯤꯅꯤ꯫ ꯑꯁꯤꯒꯨꯝꯕ ꯃꯈꯜꯁꯤꯡꯅ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ ꯇꯥꯒꯟꯕ ꯇꯤꯜꯍꯧꯗꯤ ꯂꯧꯃꯤꯁꯤꯡꯅ
ꯄꯥꯝꯅꯗꯦ꯫ ꯅꯥꯄꯨ ꯃꯆꯨꯒꯤ ꯇꯤꯜꯍꯧ ꯑꯝꯁꯨꯡ ꯆꯕꯨꯟ-ꯆꯕꯨꯟ ꯑꯣꯏꯅ ꯃꯔꯨ ꯇꯥꯕ ꯇꯤꯜꯍꯧ ꯃꯆꯥ (ꯃꯜꯇꯤ ꯄ꯭ꯂꯥꯌꯔ
ꯑꯣꯅꯤꯌꯟ) ꯁꯤꯡꯁꯨ ꯑꯉꯥꯡꯕ ꯑꯆꯧꯕ ꯇꯤꯜꯍꯧꯁꯤꯡꯒ ꯆꯥꯡꯗꯝꯅꯕ ꯌꯥꯗꯦ, ꯄꯥꯝꯅꯗꯦ꯫ ꯃꯃꯤꯡ ꯄꯟꯕ ꯌꯥꯕ
ꯈꯔꯗꯤ Prema, Agrifound ꯗꯥꯔꯀ ꯔꯦꯗꯅꯤ꯫ ꯃꯁꯤꯒꯤ ꯃꯊꯛꯇ ꯍꯌꯕꯔꯤꯗꯃꯈꯜ ꯀꯌꯥꯁꯨ ꯊꯥꯅꯔꯦ꯫

ꯑꯏꯪ-ꯑꯁꯥ : ꯌꯥꯝ ꯉꯟꯅ ꯅꯠꯇ꯭ꯔꯒ ꯊꯦꯡꯅ ꯍꯨꯟꯕ ꯇꯤꯜꯍꯧꯁꯤꯡ ꯃꯄꯥꯜ ꯉꯟꯅ ꯁꯥꯒꯜꯂꯤ꯫ ꯑꯣꯛꯇꯣꯕꯔ
ꯑꯃꯁꯨꯡ ꯅꯕꯦꯝꯕꯔꯒꯤ ꯑꯉꯟꯕ ꯃꯇꯝꯗ ꯍꯨꯟꯕ ꯇꯤꯜꯍꯣꯁꯤꯡꯅ ꯃꯄꯥꯜ ꯃꯔ ꯇꯥꯕ ꯍꯦꯜꯂꯤ꯫ ꯇꯤꯜꯍꯧ ꯃꯔꯨ
ꯇꯥꯗ꯭ꯔꯤꯉꯩ (ꯉꯜꯂꯤꯉꯩ ꯃꯇꯝ), ꯑꯏꯪ ꯑꯁꯥꯒꯤ ꯆꯥꯡ ꯁꯦꯜꯁꯤꯌꯁ ꯗꯤꯒ꯭ꯔꯤ 13ꯗꯒꯤ 23 ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗ ꯂꯩꯕ
ꯇꯤꯜꯍꯧ ꯃꯔꯨ ꯇꯥꯕ ꯍꯧꯔꯛꯄꯗ ꯑꯏꯪ-ꯑꯁꯥꯒꯤ ꯆꯦꯡ ꯁꯦꯜꯁꯤꯌꯟ ꯗꯤꯒ꯭ꯔꯤ 15.5ꯗꯒꯤ 21 ꯐꯥꯎꯕ ꯂꯩꯕ ꯑꯃꯁꯨꯡ
ꯅꯣꯡꯃꯗ ꯄꯨꯡ 10 ꯎꯔꯨꯝ ꯂꯥꯡꯗꯅ ꯅꯨꯡꯁꯥ ꯐꯪꯕ ꯃꯐꯝꯅ ꯍꯦꯟꯅ ꯇꯤꯜꯍꯧ ꯃꯔꯨ ꯇꯥꯏ꯫ ꯄꯣꯠꯊꯣꯛ ꯂꯩ꯫

ꯂꯩꯕꯥꯛ : ꯐꯣꯂꯤ ꯇꯥꯕ ꯃꯐꯝꯅ ꯍꯦꯟꯅ ꯆꯥꯅꯩ꯫ lEzaOn ꯅꯝꯕ ꯃꯐꯝꯁꯤꯡ ꯇꯤꯜꯍꯧ ꯊꯥꯕ ꯅꯨꯡꯉꯥꯏꯔꯕꯁꯨ ꯏꯁꯤꯡ
ꯇꯣꯏꯅ ꯄꯤꯕ ꯇꯥꯏ꯫ ꯂꯩꯇꯥꯟ ꯑꯣꯏꯕ ꯃꯐꯝꯅ ꯏꯁꯤꯡ ꯄꯤꯕꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯔꯕꯁꯨ ꯊꯥꯕ ꯅꯨꯡꯉꯥꯏꯇꯦ꯫ ꯇꯤꯜꯍꯧ-

ꯒꯤ ꯁꯥꯍꯧꯗ ꯑꯀꯥꯏꯕ ꯂꯩ, ꯃꯔꯨꯁꯤꯡꯒꯤ ꯃꯑꯣꯡ ꯀꯥꯏ, ꯁꯦꯝꯕ꯭ꯔꯩꯅꯕ ꯃꯔꯨ ꯌꯥꯝꯅ ꯌꯥꯎꯏ꯫ ꯄꯣꯠꯊꯣꯛ ꯍꯟꯊꯩ꯫

ꯑꯁꯤꯟ-ꯑꯌꯥꯛꯀꯤ ꯆꯥꯡꯗꯤ ꯁꯤꯜꯂꯞ ꯇꯧꯕ ꯃꯐꯝꯁꯤꯡ ꯍꯥꯏꯕꯗꯤ ꯄꯊ 5.8 ꯗꯒꯤ 6.5 ꯐꯥꯎꯕ ꯂꯩꯕꯅ ꯃꯅꯤꯄꯨꯔ-

ꯒꯤ ꯑꯌꯥꯝꯕ ꯃꯐꯝꯗ ꯆꯥꯅꯩ꯫ ꯑꯗꯨꯃꯛꯄꯨ ꯇꯤꯜꯍꯧ ꯄꯊ 5.8ꯗꯒꯤ 8 ꯐꯥꯎꯕ ꯐꯖꯅ ꯍꯧꯕ ꯉꯝꯃꯤ꯫

ꯍꯥꯔ : ꯁꯟꯊꯏ-ꯁꯟꯌꯨꯡꯒꯤ ꯅꯠꯇ꯭ꯔꯒ ꯅꯥꯄꯤ-ꯁꯤꯡꯕꯤꯒꯤ ꯃꯄꯨꯡ ꯐꯥꯅ ꯄꯠꯊꯔꯕ ꯍꯥꯔ ꯀ꯭ꯋꯤꯟꯇꯜ 75,
ꯁꯉꯝ 1 ꯆꯥꯎꯕ ꯇꯤꯜꯍꯧ ꯊꯥꯐꯝꯗ ꯍꯥꯞꯄꯤꯒꯅꯤ꯫ ꯅꯠꯇ꯭ꯔꯒꯁꯨ ꯃꯍꯨꯇ ꯂꯩꯅꯕ ꯌꯥꯕ ꯀꯝꯄꯣꯁꯠꯁꯤꯡ ꯍꯥꯞ-

ꯀꯅꯤ꯫ ꯌꯨꯔꯤꯌꯥ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 53ꯗꯒꯤ 60, ꯁꯤꯡꯒꯜ ꯁꯨꯄꯔꯐꯣꯁꯐꯦꯠ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 80ꯗꯒꯤ 100 ꯑꯃꯁꯨꯡ
ꯄꯣꯇꯥꯁ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 35ꯗꯒꯤ 50 ꯐꯥꯎꯕ ꯁꯉꯝ 1 ꯄꯥꯛ ꯆꯥꯎꯕ ꯇꯤꯜꯍꯧ ꯊꯥꯐꯝꯗ ꯍꯥꯏꯕꯗꯤ ꯂꯤꯡꯊꯣꯛꯐꯝꯗ
ꯅꯠꯇ꯭ꯔꯒ ꯄꯥꯝꯐꯦꯜ ꯑꯣꯏꯅ ꯇꯧꯒꯗꯕ ꯃꯐꯝꯗ ꯍꯥꯞꯀꯅꯤ꯫ ꯑꯗꯨꯃꯛꯄꯨ ꯇꯤꯜꯍꯧꯕꯨ ꯄꯥꯝꯐꯦꯜ ꯑꯣꯏꯅ ꯍꯨꯟꯕ
ꯍꯏꯕꯁꯤꯗ ꯃꯥꯡꯖꯕ ꯌꯥꯝꯅ ꯂꯩ ꯑꯗꯨꯕꯨ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯃꯐꯝ ꯈꯔꯗꯗꯤ ꯇꯧꯕ ꯌꯥꯎꯅꯔꯤ꯫

ꯁꯟꯊꯤ-ꯁꯟꯌꯨꯡꯒꯤ ꯅꯠꯇ꯭ꯔꯒ ꯅꯥꯄꯤ-ꯁꯤꯡꯕꯤꯒꯤ ꯃꯄꯨꯡ ꯐꯥꯅ ꯄꯠꯊꯔꯕ ꯍꯥꯔꯁꯤꯡ ꯊꯝꯐꯝ ꯁꯦꯝꯕ
ꯃꯇꯝꯗ ꯍꯥꯞꯄꯤꯒꯤ꯫ ꯍꯥꯞꯀꯗꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯁꯔꯨꯛ ꯇꯪꯈꯥꯏ ꯑꯃꯒ ꯁꯨꯄꯔꯐꯣꯁꯐꯦꯠ ꯑꯃꯁꯨꯡ ꯄꯣꯇꯥꯁꯀꯤ
ꯑꯄꯨꯟꯕ ꯁꯔꯨꯛꯀ ꯄꯨꯟꯅ ꯇꯤꯜꯍꯧꯁꯤꯡ ꯂꯤꯡꯊꯣꯛꯂꯝꯗꯥꯏꯗ ꯍꯥꯞꯀꯅꯤ꯫ ꯑꯔꯦꯝꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯁꯔꯨꯛ ꯇꯪ-

ꯈꯥꯏꯗꯨꯅ ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤꯁꯤꯡ ꯂꯤꯡꯈ꯭ꯔꯕ ꯃꯇꯨꯡ ꯆꯌꯣꯜ 5/6 ꯂꯩꯔꯒ ꯆꯥꯏꯁꯤꯟꯕꯤꯒꯅꯤ꯫

ꯇꯤꯜꯍꯧ ꯊꯥꯐꯝꯗ ꯍꯥꯞꯀꯗꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯆꯥꯡ ꯌꯥꯏꯕꯁꯤꯗ ꯌꯥꯝꯅ ꯆꯦꯛꯁꯤꯟꯕ ꯆꯪꯏ꯫ ꯅꯥꯏꯇ꯭ꯔꯣꯖꯦꯟ ꯍꯦꯟꯅ
ꯋꯥꯡꯈ꯭ꯔꯕ ꯇꯤꯜꯍꯧꯕꯁꯤꯡ ꯂꯤꯕ ꯅꯨꯡꯉꯥꯏꯇꯦ, ꯃꯇꯣꯟ ꯊꯣꯛꯀꯂꯤ꯫ ꯅꯥꯏꯇ꯭ꯔꯣꯖꯦꯟ ꯋꯥꯠꯂꯒꯅ ꯉꯟꯅ ꯃꯄꯥꯜ
ꯁꯥꯒꯜꯂꯤ꯫ ꯋꯥꯠꯄ-ꯍꯦꯟꯕ ꯑꯅꯤꯃꯛꯇ ꯑꯀꯥꯏꯕ ꯂꯩ꯫ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯍꯦꯟꯅ ꯐꯕꯗꯤ ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎ ꯆꯥꯡꯌꯦꯡ
ꯇꯧꯊꯧꯛꯂꯒ ꯍꯥꯔ ꯍꯥꯞꯄꯁꯤꯅꯤ꯫

ꯃꯔꯨꯒꯤ ꯆꯥꯡ : ꯆꯥꯔꯥ ꯑꯣꯏꯅ ꯂꯤꯡꯊꯣꯛꯄꯗ ꯁꯉꯝ ꯑꯃꯒꯤꯗꯃꯛ ꯃꯔꯨ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 2ꯗꯒꯤ ꯑꯅꯤꯃꯈꯥꯏ
ꯐꯥꯎꯕ ꯆꯪꯏ꯫ ꯄꯥꯝꯐꯦꯜ ꯑꯣꯏꯟ ꯍꯨꯟꯕꯒꯤꯗꯃꯛꯇꯗꯤ ꯃꯔꯨ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 5ꯗꯒꯤ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ ꯇꯔꯨꯛꯀ ꯒ꯭ꯔꯥꯝ
250 ꯐꯥꯎꯕ ꯆꯪꯏ꯫ ꯃꯔꯨ ꯂꯩꯕꯗ ꯆꯪꯈꯤꯒꯗꯕ ꯁꯦꯜ ꯑꯃꯁꯨꯡ ꯑꯀꯨꯡ-ꯑꯔꯜꯗ ꯑꯀꯥꯏꯕ ꯌꯥꯝꯅ ꯂꯩꯕ ꯃꯔꯝꯅ
ꯇꯤꯜꯍꯧ ꯂꯤꯡꯊꯣꯛꯄꯒꯤ ꯊꯕꯛꯅ ꯍꯦꯟꯅ ꯀꯥꯟꯅꯩ ꯑꯃꯁꯨꯡ ꯄꯝꯅꯩ꯫

ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝ : ꯏꯪꯈꯣꯜꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯍꯦꯟꯅ ꯐꯕ ꯃꯐꯝꯗ ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝ ꯁꯦꯝꯒꯅꯤ꯫ ꯌꯥꯝꯅ ꯄꯥꯛꯄ ꯃꯐꯝ
ꯑꯃꯗ ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝꯅꯤ ꯍꯥꯏꯗꯨꯅ ꯄꯨꯜꯂꯞ ꯁꯦꯝꯖꯤꯟꯕ, ꯏꯄꯥꯛ ꯄꯥꯛꯅ ꯊꯥꯕ ꯐꯠꯇꯦ꯫ ꯃꯤꯇꯔ 0.6ꯇꯒꯤ ꯃꯤꯇꯔ
ꯑꯃ ꯐꯥꯎꯕꯗꯪ ꯄꯥꯛꯄ ꯑꯃꯁꯨꯡ ꯃꯤꯇꯔ 3 ꯁꯥꯡꯕ ꯃꯐꯝꯁꯤꯡꯗ ꯁꯦꯝꯕꯤꯒꯅꯤ꯫ ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝꯒꯤ ꯐꯩꯗꯣꯝ
ꯁꯦꯟꯇꯤꯃꯦꯇꯔ 15 ꯍꯥꯏꯕꯗꯤ ꯏꯟꯆꯤ ꯇꯔꯨꯛꯇꯒꯤ ꯇꯥꯗꯅ ꯆꯤꯡꯈꯠꯀꯅꯤ꯫ ꯃꯊꯧ ꯇꯥꯕꯒꯤ ꯃꯇꯨꯡꯏꯟꯅ ꯃꯤꯇꯔ
1 ꯄꯥꯛꯄ, 2 ꯁꯥꯡꯕ, ꯁꯦꯟꯇꯤꯃꯦꯇꯔ 15 ꯋꯥꯡꯅ ꯐꯩꯗꯣꯝ ꯆꯤꯡꯈꯠꯂꯕ ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝ ꯃꯁꯤꯡ ꯂꯦꯞꯊꯣꯛꯀꯅꯤ꯫

ꯁꯪꯝ ꯑꯃ ꯆꯥꯎꯕ ꯇꯤꯜꯍꯧ ꯊꯥꯐꯝ ꯑꯃꯒꯤꯗꯃꯛ ꯑꯁꯤꯒꯨꯝꯕ ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝ 10ꯗꯒꯤ 12 ꯐꯥꯎꯕꯒꯤ ꯃꯊꯧ ꯇꯥꯏ꯫

ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝ ꯑꯃꯗ (1

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3

×0.15) ꯁꯟꯊꯤ-ꯁꯟꯌꯨꯡ ꯅꯠꯇ꯭ꯔꯒ ꯅꯥꯄꯤ-ꯁꯤꯡꯕꯤ ꯄꯠꯊ-ꯄꯨꯝꯊꯔꯕ ꯍꯥꯔ
ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 15-20 ꯐꯥꯎꯕ ꯍꯥꯞꯍꯧꯒꯅꯤ꯫ ꯃꯔꯨꯗ ꯍꯤꯗꯥꯛ ꯇꯣꯠꯂꯛꯈ꯭ꯔꯕ ꯑꯣꯏꯔꯕꯗꯤ ꯑꯃꯨꯛ ꯇꯣꯠꯇ꯭ꯔꯕꯁꯨ
ꯌꯥꯔꯦ꯫ ꯇꯣꯠꯂꯛꯇ꯭ꯔꯤꯕ ꯑꯣꯏꯔꯒꯗꯤ Trichoderma ꯒ꯭ꯔꯥꯝ 10 ꯃꯔꯨ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ ꯈꯨꯗꯤꯡꯗ ꯇꯣꯠꯍꯧꯒ-

ꯅꯤ꯫

ꯂꯤꯡꯊꯣꯛꯄ : ꯆꯌꯣꯜ 6/7 ꯁꯨꯔꯕ ꯆꯥꯔꯥꯁꯤꯡ ꯂꯤꯡꯊꯣꯛꯅꯕ ꯁꯦꯝ ꯁꯥꯕ ꯌꯥꯔꯦ꯫ ꯐꯣꯏꯕ ꯌꯥꯔꯛꯂꯕ ꯆꯥꯔꯥ-

ꯁꯤꯡꯗ ꯏꯁꯤꯡ ꯄꯤꯕꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯔꯛꯀꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯆꯥꯔꯥꯁꯤꯡ ꯐꯣꯏꯕ ꯅꯨꯡꯉꯥꯏꯅꯕ ꯐꯣꯏꯒꯗꯕ ꯄꯨꯅꯡ
4/5 ꯋꯥꯠꯂꯤꯉꯩꯗ ꯏꯁꯤꯡ ꯄꯤꯒꯅꯤ꯫

ꯂꯤꯡꯊꯣꯛꯂꯝꯗꯥꯏꯗ Carbendazim 50% ꯒ꯭ꯔꯥꯝ 2 ꯏꯁꯤꯡ ꯂꯤꯇꯔ ꯈꯨꯗꯤꯡꯗ ꯇꯨꯝꯍꯟꯕꯤꯔꯒ
ꯀꯥꯞꯍꯧꯛꯀꯅꯤ꯫ ꯃꯁꯤꯅ ꯂꯥꯏꯅ ꯀꯌꯥꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯄꯗ ꯂꯥꯏꯍꯜꯂꯤ꯫ ꯄꯔꯦꯡꯒ ꯄꯔꯦꯡꯒ ꯁꯦꯟꯇꯤꯃ-

itr 15 (ꯏꯟꯆꯤ ꯇꯔꯨꯛ) ꯑꯃꯁꯨꯡ ꯄꯥꯝꯕꯤꯒ ꯄꯥꯝꯕꯤꯒ ꯁꯦꯟꯇꯤꯃꯦꯇꯔ 7.5 (ꯏꯟꯆꯤ ꯑꯍꯨꯝ) ꯊꯥꯞꯅꯅ
ꯂꯤꯡꯊꯣꯛꯀꯅꯤ꯫ ꯆꯌꯣꯜ ꯑꯃ ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗ ꯁꯤꯈꯤꯕ ꯄꯥꯝꯕꯤꯁꯤꯡ ꯑꯅꯧꯕ ꯆꯥꯔꯥꯁꯤꯡ ꯁꯤꯖꯤꯟꯅꯒꯅꯤ꯫

ꯄꯣꯠꯊꯣꯛ ꯋꯥꯡꯅ ꯄꯨꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛ ꯅꯧꯔꯤꯕ ꯆꯥꯔꯥꯁꯤꯡꯗꯒꯤ ꯍꯧꯅ ꯌꯥꯝꯅ ꯆꯦꯛꯁꯤꯟꯕ ꯆꯪꯏ꯫

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ꯗꯣ. ꯑꯦꯝ ꯊꯣꯏꯊꯣꯏ ꯁꯤꯡꯍ
ꯉꯥꯗ ꯇꯣꯏꯅ ꯅꯥꯒꯟꯕ ꯂꯥꯏꯅꯥꯁꯤꯡ ꯑꯃꯗꯤ ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ
ꯗꯣ. ꯌꯨꯝꯅꯥꯝ ꯕꯦꯗꯖꯤꯠ
ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ ꯂꯤꯇꯔꯦꯔꯤ ꯀ꯭ꯋꯤꯖ - 7
ꯃꯊꯛꯇ ꯄꯤꯔꯤꯕ ꯋꯥꯍꯪꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯄꯥꯎꯈꯨꯝ ꯗꯤꯁꯦꯝꯕꯔ 20, ꯂꯩꯕꯥꯛꯄꯣꯛꯄ
ꯅꯨꯃꯤꯠꯀꯤ ꯑꯌꯨꯛ ꯄꯨꯡ 11 ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒꯤ ꯑꯣꯐꯤꯁꯇ ꯅꯠꯇ꯭ꯔꯒ

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ꯌꯥꯒꯅꯤ꯫ ꯄꯥꯎꯈꯨꯝ ꯄꯤꯕꯤꯔꯛꯄ/ꯊꯥꯕꯤꯔꯛꯄ ꯃꯇꯝꯗ ꯃꯤꯡ, ꯂꯩꯐꯝ, ꯃꯍꯩꯒꯤ ꯊꯥꯛ ꯑꯝꯁꯨꯡ
ꯀꯟꯇꯦꯛꯠ ꯅꯝꯕꯔ ꯃꯌꯦꯛ ꯁꯦꯡꯅ ꯏꯕꯤꯔꯛꯎ꯫ ꯋꯥꯍꯪ ꯈꯨꯗꯤꯡꯃꯛꯀꯤ ꯄꯥꯎꯈꯨꯝ ꯆꯨꯝꯅ
ꯅꯠꯇ꯭ꯔꯒ ꯃꯁꯤꯡ ꯌꯥꯝꯅ ꯆꯨꯝꯅ ꯄꯤꯕꯤꯔꯛꯄ ꯃꯤꯑꯣꯁꯤꯡ ꯑꯗꯨꯒꯤ ꯗ꯭ꯔꯣ ꯑꯣꯠꯆꯔꯒ
ꯂꯥꯏꯕꯛ ꯐꯕ ꯃꯤꯁꯛ ꯑꯃ ꯈꯟꯖꯒꯅꯤ꯫ ꯂꯣꯏꯅꯅ ꯈꯜꯂꯕ ꯃꯤꯁꯛ ꯑꯈꯨꯗ ꯃꯅꯥ ꯄꯤꯖꯒꯅꯤ꯫

1) ꯀꯜꯀꯠꯇ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤꯗ ꯃꯅꯤꯄꯨꯔꯤ ꯂꯣꯜꯕꯨ ꯃꯦꯇ꯭ꯔꯤꯀꯨꯂꯦꯁꯟ
ꯄꯔꯤꯛꯁꯥꯒꯤꯗꯃꯛ ꯑꯍꯥꯟꯕ ꯁꯛꯈꯪꯕ ꯃꯇꯝꯗꯨꯗ ꯀꯅꯥꯅ ꯏꯕ ꯀꯔꯤ
ꯂꯥꯏꯔꯤꯛꯄꯨ ꯇꯝꯅ-ꯂꯥꯏꯔꯤꯛ ꯑꯣꯏꯈꯤꯕꯒꯦ?

2) ꯖꯣꯟꯁ꯭ꯇꯣꯟ ꯁ꯭ꯀꯨꯜꯅ ꯍꯥꯏꯁ꯭ꯀꯨꯜꯒꯤ ꯊꯥꯛꯇ ꯑꯞꯒ꯭ꯔꯦꯗ ꯇꯧꯈꯤꯕꯁꯤ ꯀꯔꯝꯕ
ꯆꯍꯤꯗꯅꯣ?

3) “ꯏꯅꯨꯡꯁꯣꯏꯒꯤ ꯉꯥꯆꯤꯡ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯑꯣꯔꯤꯖꯤꯅꯦꯜ ꯀꯅꯥꯅ ꯀꯔꯤ
ꯂꯣꯜꯗ ꯏꯕ ꯀꯔꯤ ꯂꯥꯏꯔꯤꯛꯇꯒꯤ ꯀꯅꯥꯅ ꯃꯅꯤꯄꯨꯔꯤꯗ ꯍꯟꯗꯣꯛꯄꯅꯣ?

4) “ꯑꯔꯥꯏꯕ ꯋꯥꯔꯦꯡ ꯂꯥꯏꯔꯤꯛ” ꯍꯥꯏꯕꯁꯤ ꯀꯅꯥꯅ ꯀꯔꯝꯕ ꯃꯤꯑꯣꯏ ꯀꯥꯡꯂꯨꯞꯀꯤ
ꯀꯔꯤꯒꯤꯗꯃꯛ ꯏꯕꯅꯣ?

5) ꯆꯍꯤ 53ꯒꯤ ꯃꯃꯥꯡꯗ ꯑꯍꯥꯟꯕ ꯑꯣꯏꯅ ꯐꯣꯡꯈꯤꯕ ꯎꯄꯅ꯭ꯌꯥꯁꯀꯤ ꯃꯃꯤꯡꯅꯤ

“ꯂꯩꯄꯨꯟ”, ꯑꯏꯕ ꯑꯁꯤ ꯀꯅꯥꯅꯣ?

ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯤꯕ ꯑꯦꯗꯤꯇꯔ,
ꯍꯧꯖꯤꯛ ꯄꯥꯜꯂꯤꯕ ꯂꯩꯉꯥꯛ ꯑꯁꯤꯅ ꯇꯣꯉꯥꯟ-ꯇꯣꯉꯥꯟꯕ ꯍꯤꯔꯝ ꯀꯌꯥꯗ ꯁ꯭ꯇꯦꯠ ꯑꯁꯤꯕꯨ
ꯆꯥꯎꯈꯠꯅꯕ ꯌꯥꯝꯅ ꯀꯟꯅ ꯍꯣꯠꯅꯕꯤꯔꯤ꯫ ꯃꯁꯤꯃꯛ ꯂꯝꯗꯝ ꯑꯁꯤꯒꯤ ꯑꯣꯏꯅ ꯌꯥꯝꯅ ꯑꯐꯕ
ꯈꯣꯡꯊꯥꯡ ꯑꯃꯅꯤ꯫ ꯂꯣꯏꯅꯅ ꯇꯨꯡꯗ ꯂꯩꯕꯥꯛ ꯃꯤꯌꯥꯝꯒꯤ ꯑꯣꯏꯅ ꯌꯥꯝꯅ ꯀꯥꯟꯅꯕ ꯀꯌꯥ ꯄꯤꯕ ꯍꯥꯏꯕꯗꯨ
ꯑꯣꯏꯒꯅꯤ꯫ ꯃꯇꯥꯡ ꯑꯁꯤꯗ ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯤꯕ ꯑꯦꯗꯤꯇꯔꯒꯤ ꯈꯨꯠꯊꯥꯡꯗ ꯂꯩꯉꯥꯛꯇ ꯍꯥꯏꯖꯅꯤꯡꯕ
ꯋꯥꯐꯝꯗꯤ ꯍꯧꯖꯤꯛ-ꯍꯧꯖꯤꯛ ꯁ꯭ꯇꯦꯠ ꯑꯁꯤꯗ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯌꯨꯝꯊꯣꯡ ꯈꯨꯗꯤꯡ ꯊꯛꯅꯅꯕ ꯑꯐꯕ ꯏꯁꯤꯉ
ꯐꯪꯍꯟꯅꯕꯒꯤ ꯄꯥꯟꯗꯝꯗ ꯏꯟꯗꯤꯌꯥ ꯒꯚꯔꯟꯃꯦꯟꯠꯀꯤ ꯖꯜ ꯖꯤꯋꯟ ꯃꯤꯁꯟꯒꯤ ꯃꯈꯥꯗ ꯊꯕꯛ-ꯊꯧꯔꯝ
ꯀꯌꯥ ꯄꯥꯏꯈꯠꯄꯤꯔꯤ꯫ ꯍꯥꯏꯔꯤꯕ ꯊꯧꯔꯥꯡ-ꯊꯧꯁꯤꯜ ꯑꯁꯒꯤ ꯃꯈꯥꯗ ꯏꯝꯐꯥꯜ ꯏꯁꯠꯀꯤ ꯃꯅꯨꯡꯆꯟꯕ
ꯇꯦꯜꯂꯧ ꯆꯥꯅꯥꯗꯁꯨ ꯑꯐꯕ ꯃꯈꯜꯒꯤ ꯊꯛꯅꯅꯕ ꯏꯁꯤꯡ ꯐꯪꯍꯟꯅꯕ ꯍꯣꯠꯅꯕꯤꯌꯨ ꯍꯥꯏꯖꯔꯤ꯫ ꯍꯥꯏꯔꯤꯕ
ꯈꯨꯡꯒꯪ ꯑꯁꯤꯗ ꯍꯧꯈꯤꯕ ꯆꯍꯤ 20 ꯂꯣꯝꯗꯒꯤ ꯊꯛꯅꯕ ꯑꯐꯕ ꯃꯈꯜꯒꯤ ꯏꯁꯤꯡ ꯐꯪꯅ ꯂꯥꯛꯂꯤ꯫ ꯆꯍꯤ
20 ꯂꯣꯝꯒꯤ ꯃꯃꯥꯡꯗ ꯇꯣꯇꯤ ꯏꯁꯤꯡ ꯈꯔ ꯇꯥꯔꯝꯃꯤ ꯑꯁꯨꯕꯨ ꯉꯁꯤ ꯐꯥꯎꯕꯗ ꯍꯥꯏꯔꯤꯕ ꯁꯥꯡꯂꯕ ꯆꯍꯤ
ꯑꯁꯤꯒꯤ ꯃꯅꯨꯡꯗ ꯈꯨꯜ ꯑꯅꯤꯁꯤꯗ ꯉꯁꯤꯁꯨ ꯇꯣꯇꯤ ꯏꯁꯤꯡ ꯐꯪꯗꯅ ꯂꯩꯔꯤ꯫

ꯂꯧꯎ-ꯁꯤꯡꯎꯕꯅ ꯃꯔꯨꯑꯣꯏꯕ ꯁꯤꯟꯐꯝ ꯑꯣꯏꯕ ꯈꯨꯡꯒꯪꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯃꯤꯑꯣꯁꯤꯡꯅ ꯁꯦꯟꯊꯣꯛ
ꯂꯝꯕꯤ ꯂꯩꯇ꯭ꯔꯕꯁꯨ ꯍꯤꯡꯕꯗ ꯇꯉꯥꯏꯐꯗꯅ ꯏꯁꯤꯡ ꯃꯊꯧ ꯇꯥꯕ ꯃꯔꯝꯅ ꯍꯧꯈꯤꯕ ꯌꯥꯝꯂꯕ ꯆꯍꯤ ꯑꯁꯤ
ꯄꯨꯈ꯭ꯔꯤꯒꯤ ꯏꯁꯤꯡꯕꯨ ꯊꯛꯅꯕ ꯑꯣꯏꯅ ꯁꯤꯖꯤꯟꯅꯗꯨꯅ ꯂꯥꯛꯂꯤ꯫ ꯍꯧꯖꯤꯛ-ꯍꯧꯖꯤꯛꯅ ꯍꯧꯈꯤꯕ ꯆꯍꯤ
ꯈꯔꯒꯤ ꯃꯃꯥꯡꯗꯒꯤ ꯏꯁꯤꯡ ꯂꯩꯗꯨꯅ ꯊꯛꯅꯔꯤ꯫ ꯃꯁꯤꯅ ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯁꯦꯟꯊꯣꯛ ꯂꯝꯕꯤ ꯋꯥꯠꯂꯕ
ꯃꯤꯌꯥꯝꯗ ꯆꯥꯎꯅ ꯑꯋꯥꯕ ꯄꯣꯠꯂꯨꯝ ꯑꯃ ꯄꯤꯕ ꯍꯥꯏꯕꯗꯨ ꯑꯣꯏꯔꯦ꯫ ꯑꯋꯥꯕ ꯆꯩꯊꯦꯡ ꯑꯃ ꯄꯤꯕ ꯈꯛ
ꯅꯠꯇꯅ ꯑꯐꯕ ꯏꯁꯤꯉ ꯊꯛꯇꯕꯅ ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯐꯠꯇꯕ ꯏꯁꯤꯡꯅ ꯊꯣꯛꯍꯟꯕ ꯑꯅꯥ-ꯑꯌꯦꯛ ꯀꯌꯥ
ꯑꯃ ꯌꯥꯎꯅꯔꯦ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯂꯩꯉꯥꯛꯀꯤ ꯃꯔꯤ ꯂꯩꯅꯕꯁꯤꯡꯅ ꯖꯜ ꯖꯤꯋꯟ ꯃꯤꯁꯟꯒꯤ ꯃꯈꯥꯗ ꯊꯛꯅꯕ
ꯏꯁꯤꯡ ꯐꯪꯅꯕ ꯁꯤꯟꯕꯤꯌꯨ꯫

ꯑꯗꯣꯝꯒꯤ – ꯆꯥꯅꯥ ꯃꯌꯥꯏ ꯂꯩꯀꯥꯏ, ꯏꯝꯐꯥꯜ ꯏꯁꯠ ꯗꯤꯁꯇ꯭ꯔꯤꯛꯠ
ꯖꯜ ꯖꯤꯋꯟ ꯃꯤꯁꯟꯒꯤ ꯃꯈꯥꯗ ꯑꯐꯕ ꯊꯛꯅꯕ
ꯏꯁꯤꯡ ꯐꯪꯍꯟꯕꯤꯌꯨ
ꯑꯦꯗꯤꯇꯔꯗ ꯊꯥꯔꯛꯄ ꯆꯤꯊꯤ...

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