ꯂꯧꯎꯁꯤꯡꯎꯒꯤ ꯀꯥꯈꯜ IMPHAL, MONDAY, NOVEMBER 27, 2017 ꯅꯤꯡꯊꯧꯀꯥꯕ, ꯄꯣꯏꯅꯨꯒꯤ 8ꯅꯤ ꯄꯥꯟꯕ, ꯃꯥꯂꯤꯌꯥ ꯀꯨꯝꯁꯤꯡ 3415 ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ
2 HUEIYEN LANPAO

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ

...ꯑꯦꯗꯤꯇꯔꯗ ꯊꯥꯔꯛꯄ ꯆꯤꯊꯤ...

ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯕ ꯑꯦꯗꯤꯇꯔ,
ꯑꯅꯤ ꯊꯣꯛꯂꯕꯅꯤꯅ ꯑꯆꯨꯝꯕꯗꯨ ꯀꯔꯝꯕꯅꯣ
ꯍꯥꯏꯅ ꯍꯪꯅꯤꯡꯕꯒꯤ ꯋꯥꯍꯡ ꯑꯃ ꯂꯥꯛꯂꯤ꯫

ꯑꯅꯤꯃꯛ ꯆꯨꯝꯕꯗꯤ ꯌꯥꯔꯣꯏꯗꯕ ꯃꯔꯝꯅ
ꯑꯃꯗꯤ ꯁꯣꯏꯗꯅ ꯑꯆꯨꯝꯕ ꯍꯥꯏꯕ ꯑꯗꯨꯃ
ꯑꯣꯏꯔꯣꯏꯗꯧꯔꯤꯕꯅꯤ꯫ ꯂꯨꯍꯣꯡꯕ ꯇꯧꯔꯕꯁꯨ
ꯀꯩꯅ꯭ꯌꯥꯅ ꯑꯣꯏꯗ ꯀꯣꯏꯗꯨꯅ ꯂꯨꯍꯣꯡꯕꯒꯤ
ꯐꯖꯔꯕ ꯂꯩꯇꯦꯡ ꯍꯥꯏꯕꯗꯨ ꯑꯣꯏꯍꯟꯕ,
ꯑꯃꯔꯣꯝꯗ ꯑꯃꯨꯛ ꯌꯦꯠ ꯂꯣꯝꯗ ꯀꯣꯏꯕ
ꯃꯁꯤꯁꯨ ꯂꯨꯍꯣꯡꯕꯒꯤ ꯂꯩꯇꯦꯡꯗꯤ ꯑꯗꯨꯝꯃꯛ
ꯑꯣꯏꯔꯤꯕꯅꯤ꯫ ꯆꯠꯅꯒꯗꯕ ꯑꯃ ꯆꯠꯅꯕꯗ
ꯀꯩꯗꯧꯅꯨꯡꯗ ꯂꯥꯏꯆꯨꯔꯣꯏꯗꯕ ꯆꯠꯅꯕꯤꯁꯤꯅ
ꯑꯃꯅ ꯍꯥꯏ, ꯑꯣꯏꯔꯣꯝꯗ ꯀꯣꯏꯕꯅ ꯆꯨꯝꯒꯅꯤ
ꯑꯃꯅ ꯑꯃꯨꯛ ꯍꯥꯏ ꯌꯦꯠꯂꯣꯝꯗ ꯀꯣꯏꯕꯅ
ꯇꯁꯦꯡ ꯇꯁꯦꯡꯅ ꯆꯨꯝꯂꯕꯅꯤ꯫ ꯆꯥꯡꯆꯠ ꯑꯃ
ꯑꯣꯏꯅ ꯌꯥꯝꯅ ꯇꯣꯏꯅ ꯇꯧꯅꯔꯤꯕ ꯀꯣꯏꯕꯗ
ꯌꯦꯠ ꯀꯣꯏꯕꯅ ꯃꯁꯤꯡ ꯍꯦꯜꯂꯤ ꯁꯣꯏꯗꯅ
ꯍꯥꯏꯒꯅꯤ꯫ ꯆꯥꯅꯤꯡꯕ ꯑꯦꯟꯁꯥꯤꯡꯅ ꯍꯥꯎꯏ
ꯍꯥꯏꯕꯒꯨꯝ ꯀꯅꯥꯅꯁꯨ ꯀꯔꯤꯁꯨ ꯍꯥꯏꯅꯗ꯭ꯔꯕꯁꯨ
ꯃꯔꯨꯞ ꯃꯄꯥꯡꯒꯤ ꯊꯝꯃꯣꯏꯗꯗꯤ ꯀꯔꯤꯅꯣ
ꯑꯃ ꯈꯜꯂꯤꯕꯅꯤ꯫ ꯅꯨꯄꯥꯅ ꯐꯩꯖꯣꯝꯒ ꯄꯨꯝꯌ
ꯥꯠꯀ ꯁꯦꯠ ꯆꯥꯕꯗ ꯑꯅꯧꯕ ꯍꯧꯗꯣꯛꯄ ꯆꯠꯅꯕꯤ
ꯍꯥꯏꯔꯨꯕ ꯌꯥꯕ ꯅꯠꯇꯦ꯫ ꯆꯥꯡꯆꯠꯇ ꯑꯉꯧꯕꯅ
ꯃꯁꯤꯡ ꯍꯦꯜꯂꯕꯁꯨ ꯑꯄꯥꯝꯕꯅꯇ ꯍꯥꯏꯗꯨꯅ ꯃꯆꯨ
ꯁꯪꯕ ꯐꯤꯔꯣꯜ ꯁꯦꯠ ꯆꯥꯕꯁꯨ ꯌꯥꯎꯗꯕ ꯅꯠꯇꯦ꯫

ꯄꯥꯝꯏ ꯍꯥꯏꯗꯨꯅ ꯑꯣꯗ ꯑꯣꯏꯒꯗꯕ ꯃꯑꯣꯡꯗꯤ
ꯇꯧꯗꯕ ꯐꯩ꯫ ꯃꯥꯏ ꯀꯜꯂꯕ, ꯏꯀꯥꯏꯕ ꯈꯪꯗ꯭ꯔꯕ
ꯑꯅꯤꯡꯕ ꯑꯄꯥꯝꯕ ꯇꯧꯕꯗ ꯀꯅꯥꯅꯁꯨ ꯀꯔꯤꯁꯨ
ꯍꯥꯏꯔꯔꯣꯏꯗꯕꯅꯤ꯫ ꯑꯍꯥꯟꯕꯗꯗꯤ ꯃꯥꯜꯂꯒ
ꯃꯃꯩ ꯇꯥꯔꯛꯄꯗ ꯖꯍꯛꯔ ꯑꯣꯏꯔꯛꯄ
ꯃꯁꯤꯅ ꯍꯧꯖ-ꯊꯦꯡꯈꯥꯡ ꯌꯥꯝꯂꯕꯅꯤ꯫ ꯃꯇꯝ
ꯈꯔꯒꯤ ꯃꯇꯨꯡꯗ ꯁꯣꯏꯗꯅ ꯊꯣꯔꯛꯄ ꯌꯥꯕꯗ
ꯍꯛꯆꯥꯡꯒꯤ ꯌꯦꯠ ꯊꯪꯕ ꯁꯔꯨꯛ ꯃꯈꯩꯅ ꯅꯨꯄꯥ
ꯃꯥꯜꯍꯟꯕ ꯃꯁꯤꯁꯨ ꯅꯝꯗꯅ ꯂꯥꯛꯀꯗꯧꯔꯤꯕꯅꯤ꯫

ꯇꯁꯦꯡ ꯇꯁꯦꯡꯕ ꯅꯨꯄꯥ ꯑꯃ ꯑꯣꯏꯕ ꯇꯥꯔꯕꯗꯤ
ꯅꯥꯇꯣꯟ ꯁꯨꯃꯥꯡꯒꯤ ꯀꯣꯏ ꯈꯥꯛꯄ ꯇꯥꯕꯅꯤ꯫

ꯃꯄꯥꯟꯒꯤ ꯃꯤꯑꯣꯏꯁꯤꯡꯅ ꯅꯨꯄꯥꯗ ꯃꯀꯣꯏ
ꯍꯧꯗꯕ ꯃꯤꯑꯣꯏꯗꯨꯕꯨ ꯍꯤꯖꯥꯔꯥ (ꯅꯨꯄꯤ ꯃꯥꯟꯕ)
ꯅꯤ ꯍꯥꯏꯅꯕ ꯂꯩ꯫ ꯑꯄꯥꯝ ꯑꯄꯥꯝꯕꯒꯤ ꯃꯇꯨꯡ
ꯏꯟꯅ ꯏꯁꯩꯒꯤ ꯊꯧꯔꯝꯗ ꯅꯨꯄꯤ ꯃꯥꯟꯕ ꯅꯨꯄꯥ
ꯀꯥꯡꯂꯨꯞꯁꯤꯅ ꯂꯨꯍꯣꯡꯕ, ꯅꯥꯍꯨꯠ-ꯅꯥꯔꯦꯡ,
ꯑꯁꯇꯤ-ꯁꯟꯆꯥꯏ, ꯁ꯭ꯔꯗ꯭ꯙ ꯀꯔꯝꯃ,
ꯆꯍꯤꯒꯤ ꯀꯨꯝꯑꯣꯟ ꯁꯣꯏꯗꯅ ꯃꯈꯣꯏꯅ ꯃꯍꯨꯠ
ꯁꯤꯟꯈꯤꯕꯁꯨ ꯀꯅꯥꯅ ꯈꯪꯕ꯭ꯔ? ꯄꯨꯝꯅꯃꯛ
ꯀꯔꯤꯗꯒꯤ ꯑꯣꯏꯔꯛꯀꯗꯧꯔꯤꯕꯅꯣ? \

ꯥꯏꯅ-ꯌꯥꯏꯅ ꯇꯧꯅꯔꯛꯄꯁꯤꯅ ꯃꯥꯒꯤ ꯃꯥꯒꯤ
ꯑꯄꯥꯝꯕꯗ ꯆꯠꯅꯔꯛꯄꯅꯤ꯫ ꯌꯥꯗꯦ ꯍꯥꯏꯕ
ꯑꯃ ꯌꯛ ꯂꯥꯎꯅ ꯂꯩꯇꯕ ꯃꯔꯝꯅ ꯄꯥꯛꯊꯣꯛ
ꯆꯥꯎꯊꯣꯔꯛꯀꯗꯧꯔꯤꯕꯅꯤ꯫ ꯅꯨꯄꯥꯒ ꯅꯨꯄꯤꯒ
ꯐꯅ ꯌꯥꯝꯅ ꯔꯥꯏꯠ ꯃꯥꯟꯅꯗꯨꯅꯁꯨ ꯏꯆꯝ ꯆꯝꯕ
ꯈꯨꯗꯝ ꯑꯃꯗ ꯖꯅꯨꯄꯤꯅ ꯃꯥꯏꯔꯦꯟ, ꯈꯣꯡꯗ꯭ꯔꯨꯝ,
ꯇꯣꯔꯕꯣꯠ ꯈꯥꯏꯕꯗ ꯅꯨꯄꯥꯅ ꯈꯥꯏꯅꯕꯅꯤ꯫ ꯇꯧ
ꯉꯝꯕ ꯅꯨꯄꯤꯅ ꯅꯨꯄꯥ ꯁꯥꯕꯗꯤ ꯃꯁꯤ ꯐꯥꯎꯕ
ꯅꯝꯗꯅ ꯇꯧꯗꯧꯔꯤꯕꯅꯤ꯫ ꯃꯄꯨꯟꯁꯤ ꯆꯨꯞꯄ
ꯃꯌꯨꯝ ꯀꯧꯕꯗ ꯄꯥꯟꯖꯔꯔꯣꯏ ꯍꯥꯏꯕ ꯅꯨꯄꯤꯅ
ꯅꯨꯄꯥ ꯁꯥꯕ, ꯅꯨꯄꯥꯅ ꯅꯨꯄꯤ ꯁꯥꯕ ꯃꯈꯣꯏ ꯑꯅꯤ
ꯅꯨꯡꯁꯤ ꯂꯩꯄꯨꯟ ꯑꯣꯏꯕ ꯌꯥꯗꯦ ꯍꯥꯏꯕ ꯂꯩꯇꯕꯅ
ꯃꯈꯣꯏ ꯑꯅꯤ ꯀꯔꯤꯒꯨꯝꯕ ꯃꯇꯝꯗ ꯂꯩꯄꯨꯟ
ꯁꯦꯝꯕꯁꯨ ꯀꯅꯥꯅ ꯈꯪꯕ꯫ ꯇꯝꯕ ꯉꯝꯕ ꯅꯠꯇꯦ꯫

ꯇꯥꯏꯕꯪ ꯃꯤꯑꯣꯏꯕ ꯍꯥꯏꯕꯁꯤꯇꯕꯨ ꯈꯨꯗꯣꯡꯆꯥꯕ
ꯑꯃ ꯐꯪꯕꯗ ꯈꯨꯗꯣꯡꯆꯥꯕꯗꯨ ꯅꯥꯟꯊꯣꯛꯍꯟꯒꯗꯕ
ꯂꯩꯇ꯭ꯔꯕꯅꯤ꯫ ꯃꯁꯤꯒꯤ ꯃꯇꯥꯡꯗ ꯑꯗꯨꯅꯤ ꯑꯗꯥꯅꯤ
ꯍꯥꯏꯅꯤꯡꯉꯥꯏ ꯂꯩꯇ꯭ꯔꯕꯅꯤ꯫

ꯌꯨꯝꯕꯥꯟ ꯂꯝꯕꯤꯗ ꯈꯣꯡꯗꯥꯔꯕꯅꯤꯅ
ꯃꯇꯝꯒꯤ ꯃꯇꯨꯡ ꯏꯟꯅ ꯙꯥꯔꯥ-ꯅꯂꯥ ꯂꯥꯛꯄꯁꯨ
ꯀꯅꯥꯅ ꯈꯪꯕ꯫ ꯃꯈꯣꯏ ꯑꯅꯤꯗꯨꯒꯤ ꯃꯅꯨꯡꯗ ꯃꯃꯥ
ꯑꯣꯏꯒꯗꯧꯔꯤꯕ ꯃꯍꯥꯛꯇꯨ ꯀꯅꯥꯅꯣ? ꯆꯤꯟꯅ
ꯍꯥꯏꯕꯗ ꯅꯨꯡꯉꯥꯏꯕ ꯅꯠꯇꯦ꯫ ꯃꯁꯤꯗꯤ ꯋꯥꯈꯜꯅ
ꯁꯥꯒꯗꯕ ꯊꯧꯑꯣꯡꯅꯤ꯫ ꯑꯅꯤ ꯂꯣꯡꯕꯤꯒꯤ
ꯂꯝꯕꯤꯁꯤꯗ ꯃꯊꯦꯜ ꯃꯌꯥꯝ ꯑꯃ ꯂꯩꯔꯛꯄꯁꯤꯅ
ꯃꯃꯩꯗ ꯑꯩꯈꯣꯏꯒꯤ ꯏꯔꯝꯗꯝ ꯂꯝꯅꯨꯡꯁꯤ ꯐꯣꯂꯥ
ꯇꯥꯔꯛꯀꯗ꯭ꯔ ꯆꯤꯡꯅꯗꯕ ꯉꯝꯗꯦ꯫ ꯐꯣꯂꯥ ꯍꯥꯏꯕ
ꯆꯤꯟꯖꯥꯛꯁꯤ ꯌꯥꯝꯅ ꯇꯣꯏꯅ ꯆꯥꯕ ꯅꯠꯇ꯭ꯔꯕꯁꯨ
ꯀꯔꯤꯒꯨꯝꯕ ꯃꯇꯝꯗ ꯇꯥꯏꯕꯪ ꯃꯤꯑꯣꯏꯕ
ꯑꯩꯈꯣꯏꯅ ꯍꯥꯎꯅ ꯆꯥꯅꯔꯤꯕ ꯃꯊꯦꯜ ꯑꯃꯅꯤ꯫

ꯂꯝꯗꯝꯁꯤꯒꯤ ꯐꯣꯂꯥꯒꯤ ꯀꯨꯝꯃꯩ ꯃꯌꯥꯝ ꯑꯃ
ꯂꯥꯛꯄꯁꯤꯅ ꯈꯟꯊꯍꯧꯕꯒꯤ ꯇꯥꯟꯖꯥ ꯋꯥꯠꯍꯧꯔꯕ
ꯑꯩꯈꯣꯏꯁꯦ ꯑꯩꯈꯣꯏ ꯑꯣꯏꯗꯨꯅ ꯂꯩꯗꯧꯔꯤꯕꯅꯤ
ꯍꯥꯏꯕ ꯊꯥꯖꯕꯗꯤ ꯋꯥꯠꯂꯕꯅꯤ꯫ ꯃꯇꯝꯅ
ꯂꯩꯔꯤꯉꯩꯗ ꯑꯅꯤ ꯂꯣꯡꯕꯤꯒꯤ ꯋꯥꯈꯜꯁꯤꯗ ꯑꯃꯇ
ꯑꯣꯏꯅ ꯄꯨꯟꯁꯤꯟꯗꯨꯅ ꯃꯃꯥ ꯑꯃꯇꯒꯤ, ꯃꯄꯥ
ꯑꯃꯇꯒꯤ ꯇꯠꯅ ꯊꯥꯅꯕ ꯌꯥꯗ꯭ꯔꯕ ꯃꯆꯥꯁꯤꯡꯅꯤ
ꯈꯟꯅꯔꯕ ꯀꯅꯥꯅꯁꯨ ꯑꯩꯈꯣꯏꯒꯤ ꯄꯣꯛꯅꯐꯝ
ꯂꯝꯗꯃꯗ ꯃꯊꯤ ꯐꯣꯡꯕ ꯀꯔꯝꯅ ꯉꯝꯒꯅꯤ,
ꯑꯣꯏꯔꯔꯣꯏꯗꯕꯅꯤ꯫

ꯑꯗꯣꯝꯒꯤ- ꯍꯦꯝꯖꯤꯠ ꯏꯔꯣꯝꯕ
ꯈꯨꯔꯥꯏ ꯂꯥꯏꯋꯥꯡꯕ ꯃꯃꯥꯡ, ꯏꯝꯐꯥꯜ
ꯈꯟꯊꯔꯨꯕꯗ ꯁꯧꯕꯤꯡ-ꯁꯧꯕꯤꯡ ꯂꯥꯎꯗꯧꯔꯤ
ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤꯗ ꯇꯥꯕ ꯂꯥꯏꯅꯥ
ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤꯅ ꯍꯧꯔꯤꯉꯩ ꯑꯃꯁꯨꯡ ꯈꯥꯎꯔꯕ
ꯃꯇꯨꯡꯗ ꯅꯥꯒꯟꯕ ꯂꯥꯏꯅꯥꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ
ꯗꯥꯎꯅꯤ ꯃꯤꯜꯗꯤꯎ, ꯄꯔꯄꯜ ꯕ꯭ꯂꯣꯠꯆ,
ꯁ꯭ꯇꯦꯝꯐꯥꯏꯂꯤꯌꯝ ꯕ꯭ꯂꯥꯏꯠ, ꯑꯣꯅꯤꯌꯝ ꯁ꯭ꯃꯥꯔꯠ,
ꯕ꯭ꯂꯦꯛ ꯃꯣꯜꯗ, ꯕꯦꯁꯦꯜ ꯔꯣꯠ, ꯍ꯭ꯋꯥꯏꯠ ꯔꯣꯠ
ꯁ꯭ꯇꯣꯛ ꯔꯣꯠ ꯑꯃꯁꯨꯡ KOW ꯔꯣꯠ ꯃꯃꯤꯡ
ꯄꯟꯕ ꯌꯥꯏ꯫

ꯗꯥꯎꯅꯤ ꯃꯤꯜꯗꯤꯎ: ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ
ꯅꯥꯔꯕ ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤ ꯃꯊꯤꯛ ꯅꯦꯝꯃꯤ,
ꯃꯆꯨ ꯁꯪꯖꯔꯕꯁꯨ ꯇꯥꯏꯐꯦꯠ ꯇꯥꯏꯅ ꯂꯩꯒꯅꯤ꯫

ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯐꯝ ꯁꯤꯟ-ꯊꯨꯡꯅ
ꯁꯟꯗꯣꯛꯏ꯫ ꯅꯨꯡꯁꯤꯠꯇ ꯏꯁꯤꯡ ꯃꯅꯤꯜ _

ꯥꯡꯕ, ꯂꯩꯆꯤꯜ ꯅꯣꯡꯐꯥꯏ ꯊꯥꯡꯕ ꯃꯇꯝꯗ ꯇꯤꯜꯍꯧ
ꯃꯅꯥ ꯄꯨꯝꯕ ꯃꯪꯒ꯭ꯔꯥ ꯃꯆꯨ ꯆꯪꯂꯞ ꯇꯧꯕ ꯀꯣꯛꯐꯥꯏ
ꯑꯃꯁꯨꯡ ꯀꯣꯛꯐꯥꯏ ꯃꯔꯨꯁꯤꯡ ꯅꯞ-ꯅꯞꯇꯨꯅ ꯂꯩ꯫

ꯑꯗꯨꯕ ꯅꯨꯡꯁꯥ ꯂꯥꯡꯕ ꯈꯔ ꯍꯦꯟꯅ ꯀꯪꯂꯞ ꯇꯧꯕ
ꯃꯇꯝꯗꯗꯤ ꯃꯆꯨ ꯇꯥꯏꯐꯦꯠ ꯇꯥꯏꯕ ꯉꯧꯔꯨꯤꯅꯕ
ꯃꯆꯨ ꯃꯄꯥꯛ ꯃꯄꯥꯛ ꯑꯣꯏꯅ ꯂꯩꯕ ꯊꯦꯡꯅꯒꯤ꯫

ꯃꯅꯥꯒꯤ ꯃꯁꯥ ꯈꯔ ꯍꯦꯟꯅ ꯁꯣꯛꯂꯕ ꯃꯐꯝꯗ
ꯇꯦꯛꯇꯨꯅ ꯍꯥꯏꯊꯕ ꯑꯃꯁꯨꯡ ꯃꯇꯣꯟ ꯊꯪꯕ
ꯁꯔꯨꯛꯇꯨ ꯀꯪꯁꯤꯜꯂꯛꯄ ꯊꯦꯡꯅꯒꯅꯤ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ: Mancozeb

75 WP ꯒ꯭ꯔꯥꯝ 25 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 10
ꯈꯨꯗꯤꯡꯗ ꯌꯥꯅꯕꯤꯔꯒ ꯀꯥꯞꯊꯣꯛꯄꯤꯌꯨ꯫

ꯀꯥꯞꯈ꯭ꯔꯕ ꯃꯇꯨꯡ ꯅꯨꯃꯤꯠ 15 ꯅꯤ ꯂꯩꯔꯒ
ꯑꯃꯨꯛꯀ ꯀꯥꯞꯊꯣꯛꯄꯤꯌꯨ ꯅꯠꯇ꯭ꯔꯒ Zeneb

75 WP ꯑꯣꯏꯅ ꯆꯞ ꯃꯥꯟꯅꯕ ꯃꯑꯣꯡꯗ
ꯁꯤꯖꯤꯟꯅꯕꯤꯕꯁꯨ ꯌꯥꯏ꯫

ꯄꯔꯄꯜ ꯕ꯭ꯂꯣꯠꯆ: ꯃꯅꯥ ꯑꯃꯁꯨꯡ
ꯃꯄꯥꯟ ꯁꯥꯔꯤꯕ ꯃꯈꯣꯛꯇ ꯏꯁꯤꯡ ꯑꯁꯥꯕ
ꯆꯣꯡꯈꯤꯕ ꯃꯥꯟꯕ ꯗꯥꯒꯁꯤꯡ ꯂꯩꯔꯝꯕꯗꯒꯤ ꯀꯣꯅꯥ
ꯃꯆꯨ ꯆꯪꯂꯛꯏ꯫ ꯃꯇꯨꯡꯗ ꯃꯪꯒ꯭ꯔꯥ ꯃꯆꯨ ꯃꯥꯟꯅ
ꯃꯄꯥꯛ ꯃꯄꯥꯛ ꯄꯣꯛꯊꯣꯛꯄ ꯊꯦꯡꯅꯒꯅꯤ꯫

ꯃꯄꯥꯜ ꯁꯥꯔꯤꯕ ꯃꯈꯣꯛ ꯑꯗꯨ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ
ꯁꯣꯛꯍꯜꯂꯕ ꯃꯐꯝꯗ ꯇꯦꯛꯊꯔꯛꯀꯅꯤ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ: Mancozeb

75 WP ꯒ꯭ꯔꯥꯝ 25 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 10
ꯈꯨꯗꯤꯡꯗ ꯌꯥꯅꯕꯤꯔꯒ ꯀꯥꯞꯊꯣꯛꯄꯤꯌꯨ꯫

ꯀꯥꯞꯈ꯭ꯔꯕ ꯃꯇꯨꯡ ꯅꯨꯃꯤꯠ 15 ꯅꯤ ꯂꯩꯔꯒ ꯑꯃꯨꯛ
ꯍꯟꯅ ꯀꯥꯞꯊꯣꯛꯄꯤꯌꯨ꯫

ꯁ꯭ꯇꯦꯝꯐꯥꯏꯂꯤꯝ ꯕ꯭ꯂꯥꯏꯠ: ꯃꯅꯥ ꯀꯥꯊꯦꯛꯄꯤ
ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯍꯧꯔꯛꯄꯗ ꯃꯅꯥꯒꯤ ꯁꯔꯨꯛꯁꯤꯡꯗ
ꯁꯪꯂꯤ- ꯁꯪꯂꯤ ꯇꯧꯅ ꯇꯤꯝꯕꯨꯅ ꯅꯥꯄꯨ ꯃꯆꯨ ꯆꯪꯕ
ꯑꯁꯥꯡꯕ (ꯃꯌꯨꯡꯂꯣꯝꯗ) ꯗꯥꯒꯁꯤꯡ ꯂꯩꯔꯝꯕꯗꯒꯤ
ꯗꯥꯒꯁꯤꯡꯗꯨ ꯀꯪꯁꯤꯜꯂꯛꯄ ꯊꯦꯡꯅꯒꯅꯤ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ: Mancozeb

75 WP ꯒ꯭ꯔꯥꯝ 25 ꯅꯠꯇ꯭ꯔꯒ ꯀꯥꯞꯇꯥꯟ
ꯒ꯭ꯔꯥꯝ 20 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 10 ꯈꯨꯗꯤꯡꯗ
ꯌꯥꯟꯕꯤꯔꯒ ꯀꯥꯞꯊꯣꯛꯄꯤꯒꯅꯤ꯫ ꯅꯨꯃꯤꯠ 15
ꯅꯤ ꯀꯥꯟꯅꯔꯒ ꯑꯃꯨꯛ ꯍꯟꯅ ꯀꯥꯞꯕꯗꯤ ꯂꯥꯏꯅꯥ
ꯑꯁꯤꯗꯒꯤ ꯏꯔꯥꯏ ꯂꯥꯏꯅ ꯀꯟꯕ ꯉꯝꯒꯅꯤ꯫

ꯑꯣꯅꯤꯌꯟ ꯁ꯭ꯃꯥꯔꯠ: ꯅꯧꯅ ꯍꯨꯟꯕ,
ꯄꯣꯛꯈꯥꯏꯔꯕ ꯃꯇꯨꯡ ꯅꯨꯃꯤꯠ 7-8 ꯃꯨꯛ ꯁꯨꯔꯕ
ꯃꯅꯥ ꯊꯤꯟꯒꯠꯂꯛꯄ ꯄꯪꯀꯨꯏ ꯀꯨꯏꯗ꯭ꯔꯤꯕ
ꯇꯤꯜꯍꯧ ꯃꯔꯨꯁꯤꯡꯗ ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯇꯥꯒꯜꯂꯤ꯫

ꯃꯅꯥꯁꯤꯡꯗ ꯑꯃꯨꯕ ꯊꯥꯒꯠꯂꯞ ꯇꯧꯕ ꯗꯥꯒꯁꯤꯡ
ꯂꯩꯒꯅꯤ꯫ ꯃꯁꯤꯅ ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯃꯅꯥꯁꯤꯡꯗꯨ
ꯀꯣꯟꯊ ꯀꯣꯟꯊꯅ ꯂꯩꯕ ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯐꯨꯒ꯭ꯔꯤꯗꯧꯅ
ꯇꯣꯡꯊꯣꯛꯄ ꯗꯥꯒ ꯀꯌꯥ ꯇꯤꯜꯍꯧ ꯃꯔꯨꯒꯤ ꯃꯈꯥ
ꯊꯪꯕ ꯁꯔꯨꯛꯇ ꯂꯩꯕ ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕ
ꯗꯥꯛꯁꯤꯡ ꯑꯁꯤ ꯀꯥꯏꯔꯛꯄꯗ ꯑꯀꯨꯞꯄ ꯑꯃꯨꯕ
ꯂꯥꯏꯅꯥ ꯑꯁꯤꯕꯨ ꯃꯈꯥ ꯇꯥꯅ ꯁꯟꯗꯣꯛꯆꯕ ꯉꯝꯖꯕ
ꯀꯣꯛꯐꯥꯏ ꯃꯔꯨ ꯀꯌꯥ ꯊꯥꯗꯣꯔꯛꯄ ꯊꯦꯡꯅꯒꯅꯤ꯫

ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ ꯅꯥꯔꯕ ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤꯁꯤꯡꯅ
ꯆꯌꯣꯜ 3-4 ꯒꯤ ꯃꯅꯨꯡꯗ ꯁꯤꯒꯜꯂꯤ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ: ꯂꯥꯏꯅꯥ
ꯑꯁꯤꯒꯤꯗꯃꯛꯇꯗꯤ ꯃꯔꯨꯑꯣꯏꯅ ꯂꯩꯔꯤꯉꯩ
ꯍꯤꯗꯥꯛ ꯇꯣꯠꯍꯧꯒꯗꯕꯅꯤ꯫ ꯃꯔꯨ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ
ꯑꯃꯗ ꯀꯥꯞꯇꯥꯟ ꯅꯠꯇ꯭ꯔꯒ ꯊꯤꯔꯥꯝ ꯒ꯭ꯔꯥꯝ
ꯑꯅꯤꯒꯤ ꯆꯥꯡꯗ ꯇꯣꯠꯄꯤꯔꯒ ꯍꯨꯟꯕꯤꯒꯅꯤ꯫

ꯅꯥꯔꯕ ꯄꯥꯝꯕꯤꯁꯤꯡꯗ Anumill ꯜ
72 Mancozeb 75 WP eGfDjx

Master ꯒ꯭ꯔꯥꯝ ꯑꯃ ꯏꯁꯤꯡ ꯂꯤꯇꯔ
ꯈꯨꯗꯤꯡꯗ ꯌꯥꯟꯕꯤꯔꯒ ꯀꯥꯞꯊꯣꯛꯄꯤꯕ ꯌꯥꯏ꯫

ꯕ꯭ꯂꯦꯛ ꯃꯣꯜ: ꯈꯥꯎꯔꯕ ꯇꯤꯜꯍꯧ
ꯃꯔꯨꯁꯤꯡꯗ ꯑꯃꯨꯕ ꯀꯣꯛꯐꯥꯏ ꯍꯥꯏꯒꯠꯇꯨꯅ
ꯇꯤꯜꯍꯧ ꯃꯔꯨꯁꯤꯡꯕꯨ ꯃꯁꯛ ꯊꯤꯍꯜꯂꯤ꯫

ꯇꯛꯊꯣꯛ ꯅꯥꯟꯊꯣꯛꯄꯗ ꯃꯁꯥ ꯅꯥꯟꯅ ꯂꯩ,
ꯇꯤꯜꯍꯧ ꯃꯔꯨꯗꯨꯗ ꯀꯔꯤꯁꯨ ꯑꯀꯥꯏꯕ ꯄꯤꯗꯕ
ꯃꯥꯜꯂꯤ꯫ ꯑꯗꯨꯕꯨ ꯑꯁꯨꯝꯅ ꯑꯃꯨꯛ ꯀꯣꯛꯐꯥꯏ
ꯍꯥꯏꯒꯠꯇꯨꯅ ꯂꯩꯔꯕ ꯇꯤꯜꯍꯧ ꯃꯀꯨꯁꯤꯡ ꯃꯊꯪ ꯃꯊꯪ
ꯄꯠꯁꯤꯜꯂꯛꯇꯨꯅ ꯃꯅꯨꯡ ꯌꯧꯔꯛꯏ꯫ ꯍꯥꯏꯔꯤꯕ
ꯊꯕꯛ ꯑꯁꯤ ꯏꯁꯤꯡ ꯃꯅꯤꯜ ꯋꯥꯡꯕ ꯑꯃꯁꯨꯡ
ꯈꯔ ꯁꯥꯒꯠꯄ ꯃꯐꯝꯗ ꯇꯧꯒꯜꯂꯤ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ: ꯅꯨꯡꯁꯤꯠ ꯅꯨꯡꯁꯥ
ꯃꯔꯥꯡ ꯀꯥꯏꯅ ꯐꯪꯕ, ꯑꯀꯪꯕ ꯑꯏꯪꯕ ꯃꯐꯝꯗ
ꯇꯤꯜꯍꯧ ꯃꯔꯨꯁꯤꯡ ꯊꯥꯕꯤꯒꯅꯤ꯫ ꯂꯤꯔꯝꯗꯥꯏꯗ
ꯆꯥꯗ 0.2 ꯒꯤ ꯃꯄꯥꯡꯒꯜ ꯂꯩꯕ Difolatan

ꯀꯥꯞꯊꯣꯛꯄꯤꯒꯅꯤ꯫

ꯕꯦꯁꯦꯜ ꯔꯣꯠ: ꯀꯣꯛꯐꯥꯏ ꯃꯈꯜ ꯑꯁꯤ
ꯇꯤꯜꯍꯧꯅ ꯍꯧꯔꯤꯉꯩꯗ ꯑꯃꯁꯨꯡ ꯂꯤꯗꯨꯅ ꯊꯝꯂꯤꯉꯩ
ꯃꯇꯝ ꯑꯅꯤꯃꯛꯇ ꯇꯥꯁꯤꯟꯕ ꯉꯝꯃꯤ꯫ ꯂꯥꯏꯅꯥ
ꯑꯁꯤꯅ ꯅꯥꯔꯕ ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯅꯥꯗ
ꯅꯥꯄꯨ ꯆꯪꯂꯛꯏ, ꯈꯨꯏꯊꯔꯛꯏ ꯑꯃꯁꯨꯡ ꯁꯤ꯫

ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤꯅ ꯃꯄꯨꯡ ꯐꯥꯔꯛꯄꯒ ꯂꯣꯏꯅꯅ
ꯃꯔꯥꯁꯤꯡꯒꯤ ꯃꯆꯨ ꯉꯥꯡꯂꯩꯅꯔꯛꯏ꯫ ꯃꯃꯩꯊꯪꯗ
ꯃꯔꯨꯁꯤꯡꯗꯨ ꯄꯠꯂꯛꯏ꯫ ꯇꯤꯜꯍꯧ ꯃꯔꯨꯗꯨ
ꯊꯣꯠꯇꯣꯔꯛꯏ, ꯃꯔꯨꯒꯤ ꯃꯈꯥ ꯊꯪꯕ ꯁꯔꯨꯛꯇ
ꯃꯍꯤ ꯊꯣꯛꯅ ꯄꯠꯂꯛꯏ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ:

1) ꯃꯔꯨ ꯍꯨꯟꯗ꯭ꯔꯤꯉꯩꯗ ꯃꯔꯨꯗ ꯍꯤꯗꯥꯛ
ꯇꯣꯠꯍꯧꯒꯅꯤ, ꯃꯁꯤꯒꯤꯗꯃꯛ ꯀꯥꯞꯇꯥꯟ
ꯅꯠꯇ꯭ꯔꯒ ꯊꯤꯔꯥꯝ ꯒ꯭ꯔꯥꯝ ꯑꯅꯤ ꯃꯔꯨ
ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ ꯈꯨꯗꯤꯡꯗ ꯇꯣꯠꯄꯤꯍꯧꯒꯅꯤ꯫

2) Carbendazim 50% WP

ꯒ꯭ꯔꯥꯝ ꯑꯅꯤ ꯏꯁꯤꯡ ꯂꯤꯇꯔ ꯈꯨꯗꯤꯡꯗ
ꯇꯨꯝꯍꯟꯕꯤꯔꯒ ꯀꯥꯞꯊꯣꯛꯄꯤꯒꯅꯤ꯫

ꯈꯥꯎꯒꯗꯕ ꯆꯌꯣꯜ ꯑꯃ ꯋꯥꯠꯂꯤꯉꯩꯗ
ꯑꯃꯨꯛ ꯍꯟꯅ ꯀꯥꯞꯊꯣꯛꯄꯤꯔꯕꯗꯤ ꯂꯤꯗꯨꯅ
ꯊꯝꯕ ꯃꯇꯝꯗ ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯇꯥꯕꯒꯤ ꯆꯥꯡ
ꯍꯟꯊꯒꯅꯤ꯫

ꯍ꯭ꯋꯥꯏꯠ ꯔꯣꯠ: ꯀꯣꯛꯐꯥꯏꯅ ꯊꯣꯛꯍꯟꯕ
ꯂꯥꯏꯅ ꯑꯁꯤꯁꯨ ꯂꯩꯕꯥꯛꯇꯒꯤ ꯁꯟꯗꯣꯔꯛꯄꯅꯤ꯫

ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ ꯇꯤꯜꯍꯧ ꯃꯔꯨꯒꯤ ꯁꯔꯨꯛꯁꯤꯡ
ꯃꯔꯥ, ꯃꯎ ꯑꯃꯁꯨꯡ ꯂꯤꯐ ꯁꯤꯠꯅꯆꯤꯡꯕ
ꯀꯌꯥꯕꯨ ꯄꯠꯍꯜꯂꯤ꯫ ꯂꯥꯏꯅꯥ ꯆꯦꯜꯂꯕ ꯃꯅꯥꯁꯤꯡ
ꯅꯥꯄꯨ ꯆꯪꯂꯛꯏ, ꯏꯍꯥꯝ ꯍꯥꯝꯅ ꯂꯩ꯫ ꯃꯇꯨꯡꯗ
ꯄꯥꯝꯕꯤ ꯄꯨꯝꯕ ꯁꯤ꯫

ꯁ꯭ꯇꯣꯛ ꯔꯣꯠ: ꯀꯣꯛꯐꯥꯏꯅ ꯊꯣꯛꯍꯟꯕ
ꯇꯤꯜꯍꯧꯒꯤ ꯃꯈꯣꯛ ꯄꯨꯝꯕꯤ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ
ꯇꯤꯜꯍꯧꯒꯤ ꯃꯄꯥꯜ ꯌꯥꯎꯕ ꯃꯈꯣꯛꯀꯤ ꯃꯈꯥ

TFI ꯊꯪꯕ ꯁꯔꯨꯛꯁꯤꯡꯗ ꯄꯠꯁꯤꯜꯂꯛꯏ꯫

ꯃꯁꯤꯅ ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯃꯄꯥꯜꯁꯤꯡꯅ ꯃꯔꯨ
ꯆꯪꯗ꯭ꯔꯤꯉꯩꯗ ꯄꯠꯂꯛꯏ, ꯃꯔꯨ ꯆꯪꯕ ꯉꯝꯍꯟꯗꯦ꯫

ꯕꯦꯛꯇꯣꯔꯤꯌꯥ ꯑꯁꯤꯅ ꯇꯤꯜꯍꯧ ꯃꯔꯨꯒꯤ ꯃꯄꯥꯟ
ꯊꯪꯕ ꯁꯔꯨꯛꯁꯤꯡꯗ ꯂꯩꯔꯝꯕꯗꯒꯤ ꯃꯔꯨꯒꯤ
ꯑꯁꯣꯛꯄ ꯃꯐꯝꯁꯤꯡꯗ ꯆꯪꯈꯤꯗꯨꯅ ꯃꯈꯥ ꯇꯥꯅ
ꯄꯠꯍꯜꯂꯤ꯫ ꯅꯝꯊꯤꯕ ꯃꯅꯝ ꯊꯥꯗꯣꯔꯛꯏ꯫

ꯉꯥꯛꯊꯣꯅꯕ ꯄꯥꯝꯕꯩ: ꯍꯨꯟꯒꯗꯕ
ꯃꯔꯨ ꯑꯃꯁꯨꯡ ꯂꯤꯡꯒꯗꯕ ꯃꯔꯨꯁꯤꯡꯗꯨ

Streptocyclene ꯒ꯭ꯔꯥꯝ ꯑꯃ ꯏꯁꯤꯡ
ꯂꯤꯇꯔ 10 ꯒꯤ ꯆꯥꯡꯗ ꯌꯥꯟꯕꯤꯔꯒ ꯄꯨꯡ ꯑꯅꯤ
ꯇꯤꯡꯕꯤꯒꯅꯤ꯫ Streptocyclene ꯒ

Captan eGfDjx Carbendazim

ꯅꯠꯇ꯭ꯔꯒ ꯊꯤꯔꯥꯝꯒ ꯄꯨꯟꯅ ꯁꯤꯖꯤꯟꯅꯕꯤꯕ
ꯌꯥꯏ꯫

KOWG ꯔꯣꯠ: ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤ
ꯄꯠꯄꯤ, ꯕꯦꯛꯇꯣꯔꯤꯌꯥꯒꯤ ꯂꯥꯏꯅꯥ ꯑꯁꯤ
ꯇꯤꯜꯍꯧꯒꯤ ꯃꯉꯛꯇꯒꯤ ꯍꯧꯔꯛꯏ꯫ ꯃꯊꯪ
ꯃꯊꯪ ꯐꯥꯎꯖꯤꯟꯈꯤꯗꯨꯅ ꯇꯤꯜꯍꯧ ꯃꯔꯨꯒꯤ ꯃꯅꯨꯡ
ꯌꯧꯁꯤꯟꯈꯤ꯫ ꯃꯇꯨꯡꯗ ꯆꯣꯠ ꯆꯣꯠ ꯂꯥꯨꯅ
ꯄꯠꯂꯛꯏ꯫ ꯃꯉꯛꯇ ꯊꯦꯛꯇꯨꯅ ꯌꯦꯡꯕꯗ
ꯅꯝꯊꯤꯕ ꯃꯅꯝ ꯌꯥꯎꯕ ꯀꯣꯡꯒꯣꯜ ꯑꯃꯁꯨꯡ
ꯃꯍꯤ ꯊꯣꯛꯂꯛꯀꯅꯤ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ:

1) ꯇꯜꯍꯧ ꯇꯥꯟꯊꯣꯛꯄꯗ ꯈꯨꯠꯁꯨ
ꯈꯨꯠꯂꯥꯏꯅ ꯇꯤꯜꯍꯧꯁꯤꯡꯕꯨ ꯁꯣꯛꯄ ꯀꯣꯠꯄ
ꯇꯧꯍꯜꯂꯣꯏꯕꯅꯤ꯫

2) ꯂꯥꯏꯅꯥ ꯆꯦꯟꯗ꯭ꯔꯕ ꯃꯉꯛ ꯆꯦꯠꯂꯕ,
ꯃꯄꯥꯟꯒꯤ ꯀꯨꯌꯣꯝ ꯀꯪꯂꯕ ꯃꯅꯥ, ꯃꯄꯨꯡ ꯐꯥꯅ
ꯀꯪꯂꯕ ꯇꯤꯜꯍꯧꯇꯃꯛ ꯂꯤꯕꯤꯒꯅꯤ꯫

3) ꯇꯤꯜꯍꯧꯁꯤꯡ ꯂꯤꯅꯅꯕꯒꯤꯗꯃꯛ
ꯈꯥꯎꯒꯗꯕ ꯆꯌꯣꯜ ꯑꯃ ꯋꯥꯠꯂꯤꯉꯩꯗ

Carbendazim 50% WP

ꯒ Plantomycin ꯒ ꯒ꯭ꯔꯥꯝ 5-5
ꯂꯧꯕꯤꯔꯒ ꯏꯁꯤꯡ ꯂꯤꯇꯔ 10 ꯒ ꯌꯥꯟꯅꯔꯒ
ꯀꯥꯞꯊꯣꯛꯄꯤꯍꯧꯕ ꯐꯩ꯫

ꯄꯟꯖꯈ꯭ꯔꯤꯕ ꯂꯥꯏꯅꯥꯁꯤꯡ ꯑꯁꯤꯒꯤ
ꯃꯅꯨꯡꯗꯒꯤ ꯈꯔꯗꯤ ꯇꯤꯜꯍꯧ ꯊꯥꯕꯤꯔꯤꯕ
ꯃꯤꯑꯣꯏꯁꯤꯡꯅ ꯁꯣꯏꯗꯅ ꯊꯦꯡꯅꯕꯤꯔꯕ
ꯉꯥꯛꯇꯅꯤ꯫ ꯍꯤꯗꯥꯛ ꯑꯃ ꯍꯦꯛꯇ ꯂꯩꯁꯤꯜꯂꯒ
ꯄꯪꯀꯥꯞ ꯀꯥꯞꯄ ꯇꯧꯕꯤꯗꯅ ꯀꯔꯤ ꯂꯥꯏꯅꯥꯅꯣ, ꯀꯔꯤ
ꯊꯣꯛꯍꯟꯕꯒꯦ ꯍꯥꯏꯕꯅꯆꯤꯡꯕ ꯈꯪꯗꯣꯛꯄꯤꯔꯒ
ꯆꯞ ꯆꯥꯕ ꯍꯤꯗꯥꯛ ꯁꯤꯖꯤꯟꯅꯁꯤ꯫ ꯄꯥꯝꯕꯤꯗ
ꯀꯨꯏꯅ ꯇꯨꯡꯗꯨꯅ ꯂꯩꯒꯗꯕ, ꯃꯤꯑꯣꯏꯕꯒꯤ ꯍꯛꯆꯥꯡ
ꯌꯧꯔꯛꯀꯗꯕ ꯍꯤꯗꯥꯛ ꯁꯤꯖꯤꯟꯅꯔꯣꯏꯁꯤ ꯍꯥꯏꯕ
ꯋꯥꯐꯝꯁꯤ ꯊꯝꯖꯔꯤ꯫

ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎ ꯅꯦꯁꯅꯦꯜ ꯄꯥꯛꯗꯥ: ꯑꯦꯝ FOTFOT ꯁꯤꯡꯍ
ꯂꯝꯂꯛꯀꯤ ꯁꯥ-ꯎꯆꯦꯛ ꯍꯥꯠꯄꯁꯤꯡ ꯑꯀꯟꯕ ꯆꯩꯔꯥꯛ ꯄꯤꯁꯤ
ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎ ꯅꯦꯁꯅꯦꯜ ꯄꯥꯛ ꯑꯁꯤ ꯏꯝꯐꯥꯜꯗꯒꯤ ꯇꯤꯗꯤꯝ ꯂꯝꯕꯤꯔꯣꯝꯗ ꯀꯤꯂꯣꯃꯤꯇꯔ 44 ꯔꯣꯝ ꯆꯠꯜꯒ ꯂꯩ꯫ ꯀꯨꯝꯖꯥ 1977 ꯀꯤ ꯃꯥꯔꯆ ꯊꯥꯗ ꯂꯩꯉꯥꯛꯅ ꯂꯦꯞꯈꯤꯕ ꯃꯇꯨꯡ ꯏꯟꯅ
ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎꯒꯤ ꯄꯥꯛ ꯆꯥꯎꯕꯁꯤ ꯆꯥꯎꯔꯥꯛꯅ ꯁ꯭ꯀ꯭ꯋꯥꯔ ꯀꯤꯂꯣꯃꯤꯇꯔ 40 ꯔꯣꯝꯅꯤ ꯍꯥꯏꯅ ꯂꯧꯅꯩ꯫

ꯕꯤꯁꯅꯨꯄꯨꯔ ꯗꯤꯁꯇ꯭ꯔꯤꯛꯀꯤ ꯃꯅꯨꯡꯗ ꯂꯩꯕ ꯄꯥꯛ ꯑꯁꯤꯒꯤ ꯇꯣꯞ ꯇꯣꯞꯄ ꯁꯛꯇꯝ ꯍꯥꯏꯕ
ꯇꯥꯔꯕꯗꯤ ꯏꯁꯤꯡꯗ ꯇꯥꯎꯕ ꯐꯨꯝꯗꯤꯅ ꯁꯦꯝꯕ ꯑꯃꯁꯨꯡ ꯃꯐꯝꯁꯤꯗ ꯑꯇꯥꯡꯕ ꯃꯈꯜꯒꯤ ꯂꯝꯂꯛꯀꯤ
ꯁꯥ-ꯎꯆꯦꯛꯁꯤꯡ ꯂꯩꯕꯅꯅꯤ꯫ ꯑꯇꯥꯎꯕ ꯐꯨꯝꯗꯤꯒꯤ ꯃꯐꯝ ꯑꯃ ꯑꯣꯏꯕ ꯃꯔꯝꯅ ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎ
ꯅꯦꯁꯅꯦꯜ ꯄꯥꯛ ꯑꯁꯤ ꯂꯣꯛꯇꯥꯛ ꯄꯥꯠꯀꯤ ꯁꯔꯨꯛ ꯑꯃꯅꯤ ꯍꯥꯏꯅ ꯂꯧꯔꯕꯁꯨ ꯀꯥꯏꯗꯦ꯫ ꯅꯤꯡꯁꯤꯡꯕ
ꯊꯣꯛꯇ꯭ꯔꯕ ꯃꯇꯝꯗꯒꯤ ꯍꯧꯅ ꯄꯥꯛ ꯑꯁꯤꯅ ꯃꯁꯤꯒꯤ ꯑꯀꯣꯏꯕꯗ ꯂꯩꯔꯤꯕ ꯃꯤꯌꯥꯝꯒꯤ ꯍꯤꯡꯕꯒꯤ
ꯂꯝꯕꯤ ꯄꯤꯔꯝꯃꯤ꯫ ꯄꯥꯛ ꯑꯁꯤꯗ ꯍꯧꯕ ꯃꯅꯥ ꯃꯁꯤꯡ, ꯎꯍꯩ ꯋꯥꯍꯩꯁꯤꯡꯅ ꯏꯃꯨꯡ ꯃꯅꯨꯡ ꯄꯨꯅꯕ
ꯑꯃꯁꯨꯡ ꯃꯆꯥ ꯃꯁꯨ ꯃꯤ ꯑꯣꯏꯅꯅꯕ ꯁꯦꯝꯕꯒꯤ ꯁꯤꯟꯐꯝ ꯑꯃ ꯄꯤꯔꯝꯃꯤ꯫ ꯑꯗꯨꯕꯨ ꯁꯉꯥꯏ ꯍꯥꯏꯅ
ꯈꯪꯅꯕ ꯃꯈꯜꯒꯤ ꯁꯖꯤ ꯑꯁꯤ ꯃꯥꯂꯦꯝꯒꯤ ꯃꯐꯝ ꯑꯃꯠꯇꯗ ꯂꯩꯇꯕ ꯑꯇꯥꯡꯕ ꯃꯈꯜꯅꯤ ꯍꯥꯏꯅ ꯀꯨꯝꯖꯥ
1839 ꯗꯒꯤ 1844 ꯒꯤ ꯑꯗꯨꯋꯥꯏꯗ ꯕ꯭ꯔꯤꯇꯤꯁ ꯑꯣꯐꯤꯁꯥꯔ ꯑꯃꯅ ꯄꯨꯊꯣꯛꯂꯝꯕꯗꯒꯤ ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎ
ꯑꯁꯤ ꯌꯥꯝꯅ ꯃꯔꯨꯑꯣꯏꯕ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯃꯐꯝ ꯑꯃ ꯑꯣꯏꯔꯛꯈꯤ꯫ ꯊꯤꯡꯕꯤꯅꯅꯕ ꯌꯥꯎꯗꯅ ꯑꯃꯁꯨꯡ
ꯂꯩꯉꯥꯛꯅ ꯁꯉꯥꯏ ꯉꯥꯛ ꯁꯦꯟꯗꯨꯅ ꯊꯝꯅꯅꯕ ꯊꯧꯁꯤꯜ ꯅꯤꯡꯊꯤꯅ ꯁꯦꯝꯍꯧꯗꯕꯅ ꯃꯔꯝ ꯑꯣꯏꯔꯗꯨꯅ
ꯀꯨꯝꯖꯥ 1975 ꯑꯗꯨꯋꯥꯏꯗ ꯁꯉꯥꯏꯒꯤ ꯃꯁꯡꯤ ꯑꯁꯤ ꯌꯥꯝꯅ ꯁꯥꯊꯤꯅ ꯍꯟꯊꯔꯛꯈꯤ꯫ ꯃꯇꯝꯗꯨꯗ
ꯁꯉꯥꯏꯒꯤ ꯃꯁꯤꯡ ꯑꯁꯤ 14 ꯔꯣꯝꯇꯃꯛ ꯉꯥꯏꯔꯕ꯭ꯔ ꯍꯥꯏꯅ ꯃꯤꯄꯥꯏꯕ ꯄꯣꯛꯅꯈꯤ꯫ ꯃꯇꯝ
ꯑꯗꯨꯋꯥꯏꯗꯒꯤ ꯌꯥꯝꯅ ꯀꯟꯕ ꯃꯤꯠꯌꯦꯡ ꯆꯪꯗꯨꯅ ꯊꯕꯛ ꯄꯥꯏꯈꯠꯅꯔꯛꯄꯗꯒꯤ ꯀꯨꯝꯖꯥ 1995 ꯗꯗꯤ
ꯁꯉꯥꯏꯒꯤ ꯃꯁꯤꯡ ꯑꯁꯤ 155 ꯔꯣꯝ ꯁꯨꯔꯦ ꯍꯥꯏꯅ ꯂꯧꯅꯈꯤ꯫ ꯀꯨꯝꯖꯥ 2016 ꯀꯤ ꯃꯥꯔꯆ ꯑꯦꯄ꯭ꯔꯤꯜꯗ
ꯁꯉꯥꯏꯒꯤ ꯃꯁꯤꯡ ꯊꯤꯕꯗ ꯁꯉꯥꯏ 260 ꯗ ꯍꯦꯟꯒꯠꯂꯦ ꯍꯥꯏꯅ ꯂꯥꯎꯊꯣꯛꯈꯤ꯫ ꯂꯨꯔꯤꯕꯗꯤ ꯑꯁꯨꯛ
ꯐꯖꯈ꯭ꯔꯕ, ꯃꯥꯂꯦꯝꯒꯤ ꯃꯐꯝ ꯑꯃꯠꯇꯗ ꯐꯪꯗ꯭ꯔꯕ ꯁꯥ ꯃꯈꯜ ꯑꯁꯤ ꯑꯩꯈꯣꯏꯒꯤ ꯃꯔꯛꯇ ꯈꯔꯅ
ꯃꯥꯡꯅꯅꯕ ꯁꯤꯟꯕꯒꯤ ꯊꯧꯑꯣꯡ ꯑꯃ ꯆꯠꯊꯔꯛꯂꯤꯕꯁꯤꯅꯤ꯫ ꯊꯧꯑꯣꯡ ꯑꯁꯤ ꯍꯣꯡꯗꯣꯛꯍꯧꯗꯕ
ꯇꯥꯔꯒꯗꯤ ꯁꯉꯥꯏꯁꯨ ꯃꯥꯡꯈꯤꯒꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯑꯩꯈꯣꯏꯅ ꯈꯪꯒꯗꯕꯗꯤ ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎ ꯍꯥꯏꯕꯁꯤ ꯑꯩꯈꯣꯏ
ꯃꯤꯑꯣꯏꯕꯈꯛꯇꯒꯤ ꯅꯠꯇꯦ꯫ ꯃꯐꯝꯗꯨꯗ ꯆꯥꯛꯇꯥꯗꯨꯅ ꯂꯩꯔꯤꯕ ꯃꯈꯜ ꯃꯈꯥ ꯀꯌꯥꯒꯤ ꯂꯝꯂꯛꯀꯤ
ꯁꯥ-ꯎꯆꯦꯛꯁꯤꯡꯒꯤꯁꯨ ꯌꯥꯎꯔꯤ ꯍꯥꯏꯕꯁꯤꯅꯤ꯫ ꯍꯟꯗꯛꯇ ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎ ꯅꯦꯁꯅꯦꯜ ꯄꯥꯛꯇꯒꯤ
ꯁꯉꯥꯏꯒꯨꯝꯅ ꯋꯥꯏꯜ ꯂꯥꯏꯐ ꯄ꯭ꯔꯣꯇꯦꯛꯁꯟ ꯑꯦꯛ, 1972 ꯒꯤ ꯁꯦꯗꯨꯜ ꯋꯥꯟꯒꯤ ꯃꯅꯨꯡ ꯆꯜꯂꯤꯕ
ꯈꯔꯁꯥ ꯍꯥꯏꯅ ꯈꯪꯅꯕ ꯁꯖꯤ ꯃꯈꯜ ꯑꯃ ꯍꯥꯠꯂꯒ ꯁꯥꯗꯣꯡ ꯑꯣꯏꯅ ꯃꯤꯌꯥꯝꯗ ꯌꯣꯟꯅꯕ ꯊꯧꯔꯥꯡ
ꯇꯧꯔꯝꯕ ꯃꯤꯑꯣꯏ ꯑꯃ ꯐꯥꯕꯒꯤ ꯋꯥꯊꯣꯛ ꯂꯩꯈ꯭ꯔꯦ꯫ ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎ ꯐꯣꯔꯦꯁꯠ ꯄꯥꯔꯁꯅꯦꯜ ꯑꯃꯁꯨꯡ
ꯀꯩꯕꯨꯜ ꯂꯖꯥꯎ ꯄꯨꯂꯤꯁ ꯄꯥꯔꯁꯅꯦꯜꯁꯤꯡꯒꯤ ꯑꯄꯨꯟꯕ ꯇꯤꯝ ꯑꯃꯅ ꯑꯀꯛꯅꯕ ꯄꯥꯎ ꯑꯃ ꯐꯪꯕꯗꯒꯤ
ꯌꯨꯝ ꯑꯃꯗ ꯊꯤꯕ ꯍꯨꯝꯕꯒꯤ ꯊꯕꯛ ꯆꯠꯊꯕꯗ ꯁꯥꯗꯣ ꯈꯔ ꯐꯪꯕ ꯉꯝꯈꯤꯕꯅꯤ ꯑꯃꯁꯨꯡ ꯂꯦꯝꯍꯧꯔꯤꯕ
ꯁꯥꯗꯣꯡꯁꯤꯡ ꯑꯗꯨꯅ ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎ ꯅꯦꯁꯅꯦꯜ ꯄꯥꯛ ꯃꯅꯨꯡꯗꯒꯤ ꯐꯪꯕ ꯉꯝꯈꯤꯕꯅꯤ꯫ ꯃꯇꯝ ꯑꯃꯗ
ꯄꯥꯛ ꯑꯁꯤꯒꯤ ꯃꯅꯨꯡꯗ ꯁꯥꯗꯥꯟꯕꯁꯤꯡꯅ ꯃꯅꯤꯡ ꯇꯧꯅ ꯆꯪꯂꯒ ꯁꯥ ꯐꯥꯗꯨꯅ ꯍꯥꯠꯄ ꯑꯃꯁꯨꯡ ꯐꯥꯔꯒ
ꯄꯨꯕꯒꯤ ꯆꯠꯅꯕꯤ ꯑꯗꯨ ꯍꯧꯖꯤꯛꯇꯤ ꯂꯣꯏꯁꯤꯜꯂꯛꯂꯦ ꯍꯥꯏꯕ ꯌꯥꯏ꯫ ꯑꯗꯨꯕꯨ ꯌꯥꯝꯅ ꯂꯣꯟꯅ ꯊꯨꯞꯅ
ꯀꯥꯅꯒꯨꯝꯕ ꯈꯔꯅꯗꯤ ꯁꯥ ꯇꯥꯟꯕꯒꯤ ꯆꯠꯅꯕꯤꯁꯤ ꯃꯈꯥ ꯆꯠꯊꯔꯤ ꯍꯥꯏꯕꯁꯤꯃꯗꯤ ꯍꯟꯗꯛꯀꯤ ꯊꯧꯗꯣꯛ
ꯑꯁꯤꯅ ꯇꯥꯛꯏ꯫ ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎꯗ ꯂꯩꯔꯤꯕ ꯑꯇꯥꯡꯕ ꯃꯈꯜꯒꯤ ꯁꯥ ꯎꯆꯦꯛꯁꯤꯡ ꯑꯁꯤ ꯃꯇꯝ
ꯆꯨꯞꯄꯒꯤ ꯑꯣꯏꯅ ꯉꯥꯛ ꯁꯦꯟꯗꯨꯅ ꯊꯝꯅꯕ ꯍꯣꯠꯅꯕꯗ ꯐꯣꯔꯦꯁꯠ ꯗꯤꯄꯥꯔꯠꯃꯦꯟꯠꯅ ꯂꯧꯔꯤꯕ
ꯊꯧꯗꯥꯡ ꯑꯁꯤꯗꯒꯤ ꯑꯀꯣꯏꯕꯗꯒꯤ ꯂꯩꯔꯤꯕ ꯃꯤꯌꯥꯝꯅ ꯂꯧꯕ ꯊꯧꯗꯥꯡꯅ ꯍꯦꯟꯅ ꯃꯔꯨꯑꯣꯏ ꯍꯥꯏꯕꯗꯁꯨ
ꯍꯟꯗꯛꯀꯤ ꯊꯧꯗꯣꯛ ꯑꯁꯤꯅ ꯇꯥꯛꯏ꯫ ꯂꯟꯅꯥꯏ ꯃꯤꯑꯣꯏ ꯈꯔꯅ ꯄꯨꯂꯤꯁꯇ ꯅꯠꯇ꯭ꯔꯒ ꯐꯣꯔꯦꯁꯠ
ꯗꯤꯄꯥꯔꯠꯃꯦꯟꯠꯇ ꯄꯥꯎ ꯄꯤꯔꯝꯗ꯭ꯔꯒꯗꯤ ꯑꯔꯥꯟꯕ ꯇꯧꯕ ꯃꯤꯑꯣꯏ ꯑꯗꯨ ꯐꯥꯕ ꯉꯝꯂꯝꯂꯣꯏ
ꯑꯃꯁꯨꯡ ꯃꯇꯨꯡ ꯇꯥꯔꯛꯄꯗ ꯃꯁꯤꯒꯨꯝꯕ ꯊꯕꯛ ꯇꯧꯕ ꯌꯥꯗꯦ ꯍꯥꯏꯕ ꯑꯀꯟꯕ ꯄꯥꯎꯖꯦꯜ ꯑꯃ
ꯄꯤꯕ ꯉꯝꯂꯝꯗꯕꯁꯨ ꯌꯥꯏ꯫ ꯃꯇꯥꯡ ꯑꯁꯤꯗ ꯄꯟꯖꯅꯤꯡꯕ ꯋꯥꯐꯝꯗꯤ ꯋꯥꯏꯜ ꯂꯥꯏꯐ ꯄ꯭ꯔꯣꯇꯦꯛꯁꯟ
ꯑꯦꯛꯀꯤ ꯃꯇꯨꯡꯏꯟꯅ ꯐꯥꯔꯕ ꯃꯤꯑꯣꯏ ꯑꯗꯨ ꯋꯥꯌꯦꯜꯁꯪꯗ ꯋꯥꯌꯦꯜ ꯆꯠꯊꯔꯒꯅꯤ꯫ ꯈ꯭ꯋꯥꯏꯗꯒꯤ
ꯀꯟꯕ ꯆꯩꯔꯥꯛ ꯆꯍꯤ 7 ꯐꯥꯗꯣꯛ ꯄꯤꯕ ꯑꯃꯁꯨꯡ ꯑꯍꯥꯟꯕ ꯑꯣꯐꯦꯟꯁ ꯑꯣꯏꯔꯒꯅ ꯂꯨꯄꯥ ꯂꯤꯁꯤꯡ
10ꯒꯤ ꯐꯥꯏꯟ ꯑꯃꯁꯨ ꯊꯤꯕ ꯌꯥꯎꯔꯤ꯫ ꯃꯇꯨꯡ ꯇꯥꯔꯛꯄꯗ ꯁꯉꯥꯏ ꯑꯃꯁꯨꯡ ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎ ꯅꯦꯁꯅꯦꯜ
ꯄꯥꯛꯇ ꯂꯩꯔꯤꯕ ꯁꯥ-ꯎꯆꯦꯁꯤꯡ ꯍꯥꯠꯄ ꯊꯤꯡꯅꯕꯒꯤꯗꯃꯛ ꯌꯥꯗꯦ ꯍꯥꯏꯕ ꯈꯪꯍꯟꯅꯕ ꯀꯔꯤꯒꯨꯝꯕ
ꯈꯔꯗꯤ ꯂꯩꯉꯥꯛꯀꯤ ꯃꯥꯏꯀꯩꯗꯒꯤꯁꯨ, ꯖꯨꯗꯤꯁꯤꯌꯔꯤꯒꯤ ꯃꯥꯏꯀꯩꯗꯒꯤꯁꯨ ꯇꯧꯔꯛꯀꯅꯤ ꯍꯥꯏꯅ ꯃꯤꯌꯥꯝꯅ
ꯊꯥꯖꯅꯔꯤ꯫ ꯇꯧꯕꯗꯗꯤ ꯐꯣꯔꯦꯁꯠ ꯗꯤꯄꯥꯔꯠꯃꯦꯟꯠꯅ ꯀꯩꯕꯨ ꯂꯝꯖꯥꯎ ꯅꯦꯁꯅꯦꯜ ꯄꯥꯛ ꯑꯁꯤ ꯅꯤꯡꯊꯤꯅ
ꯉꯥꯛ ꯁꯦꯟꯅꯕ, ꯇꯉꯥꯏꯐꯗꯕ ꯅꯠꯇꯕ ꯃꯤꯑꯣꯏꯁꯤꯡ ꯆꯪꯕ ꯊꯤꯡꯅꯕ ꯑꯈꯟꯅꯕ ꯊꯕꯛ ꯈꯔꯗꯤ
ꯂꯧꯈꯠꯇꯕ ꯌꯥꯔꯣꯏ꯫ ꯃꯁꯤꯒꯤꯗꯃꯛ ꯑꯍꯦꯟꯕ ꯆꯥꯗꯤꯡ ꯇꯧꯕ, ꯐꯣꯔꯦꯁꯠ ꯒꯥꯔꯗꯁꯤꯡ ꯍꯥꯞꯆꯤꯟꯕ
ꯑꯃꯁꯨꯡ ꯃꯈꯣꯏꯗ ꯃꯇꯤꯛ ꯆꯥꯕ ꯃꯇꯝꯒ ꯆꯨꯅꯔꯕ ꯃꯈꯜꯒꯤ ꯈꯨꯠꯁꯨ ꯈꯨꯠꯂꯥꯏꯁꯤꯡ ꯄꯤꯅꯕ ꯋꯥꯈꯜ
ꯊꯥꯗꯕ ꯃꯇꯝ ꯌꯧꯔꯦ꯫ ꯀꯥꯖꯤꯔꯪꯒ ꯅꯦꯁꯅꯦ ꯄꯥꯔꯛꯇ ꯔꯥꯏꯅꯣ ꯍꯥꯠꯄ ꯊꯤꯡꯅꯕ ꯑꯦ ꯀꯦ-47 ꯔꯥꯏꯐꯜ
ꯄꯤꯕꯒꯨꯝ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯀꯩꯕꯨꯜ ꯂꯝꯖꯥꯎ ꯅꯦꯁꯅꯦꯜ ꯄꯥꯛ ꯉꯥꯛ ꯁꯦꯟꯕꯒꯤ ꯊꯕꯛ ꯇꯧꯔꯤꯕꯁꯤꯡꯗꯁꯨ
ꯃꯇꯝꯒ ꯆꯨꯅꯕ ꯅꯣꯡꯃꯩ ꯄꯤꯕ ꯌꯥꯕ꯭ꯔ ꯌꯦꯡꯍꯟꯅꯤꯡꯏ꯫

ꯍꯋꯥꯏ ꯃꯨꯁꯣꯔꯤ ꯊꯥꯗꯨꯅ ꯁꯦꯟꯗꯥꯜ ꯂꯝꯕꯤ ꯁꯦꯝꯂꯁꯤ
ꯑꯦꯁ ꯁꯨꯃꯪꯒꯜ ꯁꯤꯡꯍ
ꯍꯧꯖꯤꯛꯁꯤ ꯅꯕꯦꯝꯕꯔ ꯊꯥ ꯂꯣꯏꯁꯤꯜꯂꯛꯂꯦ꯫ ꯅꯕꯦꯝꯕꯔ
ꯊꯥꯗ ꯍꯋꯥꯏ ꯃꯨꯁꯣꯔꯤ ꯊꯥꯕꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯐꯕ
ꯃꯇꯝꯅꯤ꯫ ꯈꯔ ꯊꯦꯡꯂꯕꯁꯨ ꯑꯗꯨꯃꯛ ꯊꯥꯕ \

ꯥꯔꯤ꯫ ꯃꯅꯤꯄꯨꯔꯗ ꯍꯋꯥꯏ ꯃꯈꯜ ꯑꯁꯤ ꯆꯍꯤ
ꯈꯔꯁꯤꯗ ꯊꯥꯕ ꯍꯧꯅꯔꯛꯂꯦ꯫ ꯊꯣꯏꯗꯣꯛꯅ ꯍꯋ
ꯥꯏꯒꯤ ꯀꯥꯟꯅꯕꯒꯤ ꯃꯔꯝꯗꯤ ꯃꯤꯌꯥꯝꯅ ꯍꯦꯟꯅ
ꯈꯪꯅꯔꯕ ꯉꯥꯛꯇꯅꯤ꯫ ꯍꯋꯥꯏꯅ ꯏꯟꯗꯤꯌꯥꯒꯤ
ꯑꯣꯏꯅꯗꯤ ꯌꯥꯝꯅ ꯃꯔꯨꯑꯣꯏꯕ ꯃꯆꯤ ꯑꯣꯏꯕ
ꯆꯤꯟꯖꯥꯛꯀꯤ ꯃꯆꯜ ꯄ꯭ꯔꯣꯇꯤꯟ ꯑꯁꯤ ꯑꯇꯩ
ꯆꯤꯟꯖꯥꯛ ꯑꯄꯨꯟꯕꯒꯤ ꯆꯥꯡꯆꯠꯇ 82%

ꯗꯤ ꯍꯋꯥꯏꯗꯒꯤ ꯐꯪꯂꯤ ꯍꯥꯏꯅ ꯂꯧꯅꯩ꯫ ꯂꯣꯏꯅꯅ
ꯑꯑꯣꯟ ꯄꯣꯠꯊꯥ (ꯀ꯭ꯔꯣꯞ ꯔꯣꯇꯦꯁꯟ) ꯇꯧꯕꯗ
ꯍꯋꯥꯏ ꯃꯈꯜ ꯑꯃ ꯌꯥꯎꯕꯅ ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎ
ꯍꯦꯟꯒꯠꯍꯟꯕꯗ ꯑꯆꯧꯕ ꯊꯧꯗꯥꯡꯁꯨ ꯂꯧꯔꯤꯕꯅꯤ꯫

ꯃꯅꯤꯄꯨꯔꯒꯤ ꯆꯥꯅꯕ ꯂꯧꯐꯝ ꯌꯦꯡꯗꯨꯅ ꯍꯋꯥꯏ
ꯃꯈꯜꯁꯤ ꯊꯥꯕꯗ ꯄꯨꯝꯅꯃꯛꯀꯤ ꯀꯥꯟꯅꯒꯅꯤ
ꯈꯜꯂꯤ꯫ ꯈꯔ ꯈꯪꯖꯤꯟꯃꯤꯟꯅꯁꯤ꯫

ꯏꯍꯥꯟ ꯍꯥꯟꯕꯗ ꯍꯋꯥꯏ ꯃꯈꯜ ꯑꯁꯤꯒꯤ
ꯃꯔꯝꯗ ꯈꯔ ꯈꯪꯈꯤꯁꯤ꯫ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯁꯛꯇꯤ
ꯆꯥꯅꯥ ꯄꯥꯝꯕꯤꯒ ꯌꯥꯝꯅ ꯃꯥꯟꯅꯩ꯫ ꯍꯋꯥꯏ ꯑꯁꯤ
ꯆꯥꯎꯔꯥꯛꯅ ꯃꯈꯜ ꯑꯅꯤ ꯊꯣꯛꯅ ꯂꯩ꯫ ꯃꯈꯜ ꯑꯃꯅ
ꯈꯔ ꯄꯧꯕ, ꯑꯃꯅ ꯈꯔ ꯄꯤꯛꯄ꯫ ꯃꯥꯂꯦꯝꯒꯤ
ꯑꯣꯏꯅ ꯃꯔꯨꯑꯣꯏꯕ ꯍꯋꯥꯏꯁꯤꯡꯒꯤ ꯃꯔꯛꯇ
ꯕꯤꯟꯁꯤꯡ (ꯀꯣꯂꯤ ꯍꯋꯥꯏ ꯔꯥꯖꯃꯥꯅꯆꯤꯡꯕ),
ꯃꯪꯒꯜ ꯑꯃꯗꯤ ꯆꯥꯅꯥꯒꯤ ꯃꯊꯪꯗ ꯃꯔꯤꯁꯨꯕꯗ
ꯂꯩꯔꯤꯕꯅꯤ꯫ ꯑꯗꯨꯒ ꯃꯥꯂꯦꯝꯒꯤ ꯑꯣꯏꯅꯁꯨ
ꯂꯧ ꯄꯔꯤ ꯃꯤꯂꯤꯌꯟ ꯑꯅꯤꯔꯣꯝ ꯊꯥꯗꯨꯅ ꯇꯣꯟ
ꯃꯤꯂꯤꯌꯟ ꯑꯅꯤꯃꯈꯥꯏꯃꯨꯛꯇꯤ ꯄꯨꯊꯣꯛꯂꯤ꯫

ꯂꯣꯏꯅꯅ ꯏꯟꯗꯤꯌꯥꯅ ꯃꯥꯂꯦꯝꯒꯤ ꯑꯄꯨꯟꯕ
ꯄꯣꯠꯊꯣꯛꯀꯤ ꯆꯥꯗ 40 ꯗꯤ ꯄꯨꯊꯣꯛꯂꯤ꯫

ꯂꯧꯐꯝꯒꯤ ꯑꯄꯨꯟꯕ ꯂꯧ ꯄꯔꯤ ꯃꯤꯂꯤꯌꯟ
ꯑꯃꯃꯈꯥꯏꯔꯣꯝꯅꯤ꯫ ꯂꯣꯏꯅꯅ ꯄꯣꯠꯊꯣꯛꯅ
ꯇꯣꯟ ꯃꯤꯂꯤꯌꯟ 0.7 ꯄꯨꯊꯣꯛꯂꯤ꯫

ꯆꯥꯅꯕ ꯏꯁꯤꯡ ꯅꯨꯡꯁꯤ, ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎ:

ꯑꯏꯪꯕ ꯃꯇꯝꯗ ꯍꯥꯏꯕꯗꯤ ꯅꯤꯡꯊꯝ ꯃꯇꯝꯗ
ꯆꯥꯅꯕ ꯄꯥꯝꯕꯤꯅꯤ꯫ ꯑꯁꯥꯕ ꯂꯝꯗꯗꯤ ꯀꯌꯥ
ꯄꯛꯅꯗꯦ꯫ ꯂꯩꯇꯦꯝ ꯃꯥꯟꯅꯕ ꯃꯐꯝꯗꯒꯤꯅ
ꯁꯃꯨꯗ꯭ꯔꯒꯤ ꯂꯩꯃꯥꯏꯗꯒꯤ ꯃꯤꯇꯔ 3,500
ꯑꯋꯥꯡꯕ ꯃꯐꯝ ꯐꯥꯎꯕꯗ ꯑꯗꯨꯃꯛ ꯄꯥꯛꯅꯩ꯫

ꯑꯏꯪ ꯑꯁꯥꯒꯤ ꯆꯥꯡꯗꯤ 15
0-20
0 ꯁꯦꯜꯁꯤꯌꯁ
ꯐꯥꯎꯕꯗ ꯄꯛꯅꯩ꯫ ꯑꯗꯨꯕꯨ 10
0 ꯁꯦꯜꯁꯤꯌ
ꯁꯇꯒꯤ ꯇꯥꯔꯕꯗꯤ ꯃꯇꯣꯟ ꯊꯣꯛꯄ ꯊꯦꯡꯉꯤ,
ꯌꯥꯝꯅꯁꯨ ꯍꯟꯊꯩ, ꯄꯥꯝꯕꯤ ꯆꯥꯎꯕꯁꯨ ꯍꯟꯊꯩ꯫

ꯄꯥꯝꯕꯤ ꯑꯁꯤꯗꯤ ꯂꯩꯕꯥꯛꯇ ꯌꯥꯎꯕ ꯏꯅꯤꯜꯈꯛꯇꯅ
ꯑꯗꯨꯃꯛ ꯍꯤꯡꯕ ꯉꯝꯕ ꯄꯥꯝꯕꯤꯅꯤ꯫

ꯄꯥꯝꯕꯤ ꯑꯁꯤ ꯑꯌꯥꯝꯕ ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎ
ꯃꯈꯜꯁꯤꯡꯗ ꯑꯗꯨꯃꯛ ꯆꯥꯅꯕ ꯃꯈꯜꯅꯤ꯫

ꯇꯧꯕꯇꯕꯨ ꯏꯁꯤꯡ ꯇꯨꯡꯁꯤꯟꯕ ꯃꯐꯝꯗꯗꯤ
ꯌꯥꯝꯅꯃꯛ ꯄꯛꯅꯗꯦ꯫
ꯍꯋꯥꯏ ꯃꯈꯜ ꯑꯁꯤꯗꯤ ꯈꯔ ꯁꯤꯟꯕꯗꯒꯤꯅ
ꯈꯔ ꯌꯥꯛꯄ ꯍꯥꯏꯕꯗꯤ ꯄꯤ ꯑꯩꯆ 4.5 ꯇꯒꯤ
8.2 ꯐꯥꯎꯕꯗ ꯑꯗꯨꯃꯛ ꯆꯥꯅꯩ꯫ ꯂꯩꯕꯥꯛ ꯌꯥꯝꯅꯃꯛ
ꯈꯣꯏꯗ꯭ꯔꯕꯁꯨ ꯑꯗꯨꯃꯛ ꯌꯥꯕ ꯌꯥꯏ꯫ ꯖꯤꯔꯣ ꯇꯤꯂꯦꯖ
ꯍꯥꯏꯅꯔꯤꯕ ꯁꯨꯛꯈꯣꯏ ꯈꯣꯏꯗꯅ ꯑꯗꯨꯃꯛ ꯊꯥꯕ
ꯌꯥꯏ꯫ ꯇꯧꯕꯇꯕꯨ ꯂꯩꯕꯥꯛꯇ ꯏꯅꯤꯜ ꯅꯤꯡꯊꯤꯅ
ꯂꯩꯔꯤꯉꯩꯗ ꯃꯔꯨ ꯍꯨꯜꯍꯧꯕ ꯇꯉꯥꯏꯐꯗꯦ꯫

ꯃꯈꯜ: ꯑꯌꯥꯝꯕ ꯃꯈꯜꯁꯤꯡ ꯑꯁꯤ ꯅꯨꯃꯤꯠ
70-100 ꯅꯤ ꯐꯥꯎꯕꯅ ꯑꯌꯥꯝꯕ ꯑꯣꯏꯅ ꯇꯧꯏ꯫

ꯏꯝꯄ꯭ꯔꯨꯚ ꯃꯈꯜꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯕꯤ ꯑꯥꯔ
25, ꯄꯟꯠ ꯑꯦꯜ 406 ꯄꯟꯠ ꯑꯦꯜ 209 ꯑꯥꯔ
ꯗꯕ꯭ꯂꯤꯌꯨ ꯑꯦꯜ 1, ꯑꯥꯁꯥ, ꯔꯟꯖꯟ, ꯑꯥꯔ ꯗꯕ꯭ꯂꯤꯌꯨ
13 ꯑꯁꯤꯅꯆꯤꯡꯕ ꯄꯟꯕ ꯌꯥꯏ꯫

ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ ꯇꯥꯒꯟꯗꯕ ꯃꯈꯜ ꯈꯔꯗꯤ:

ꯄꯣꯗ ꯕꯣꯔꯔ- ꯄꯤ 202, ꯄꯤ 927
ꯔꯁꯠ- ꯄꯟꯠ 406, ꯄꯟꯠ 639
ꯋꯤꯜꯠ- ꯄꯟꯠ 234, ꯕꯤ ꯑꯥꯔ 25
ꯑꯁꯤꯅꯆꯤꯡꯕ ꯄꯟꯕ ꯌꯥꯏ꯫

ꯃꯔꯨ ꯍꯨꯟꯕ: ꯄꯥꯛꯇꯛꯅꯅ (ꯕ꯭ꯔꯣꯗꯀꯥꯁ)
ꯑꯣꯏꯅ ꯍꯨꯟꯕꯁꯨ ꯌꯥꯏ꯫ ꯄꯔꯦꯡ ꯑꯣꯏꯅ ꯍꯨꯟꯕꯅ
ꯍꯦꯟꯅ ꯐꯩ꯫ ꯐꯧ ꯍꯧꯔꯤꯉꯩꯗ ꯂꯣꯛꯂꯝꯗꯥꯏꯗ
ꯐꯧꯔꯛꯇ ꯍꯨꯜꯂꯕꯗꯤ ꯄꯥꯛꯇꯛꯅꯅ ꯍꯨꯟꯕ ꯅꯠꯇꯅ
ꯎꯄꯥꯏ ꯂꯩꯇꯦ꯫

ꯃꯔꯨꯒꯤ ꯆꯥꯡ: ꯄꯔꯤꯗ ꯀꯤꯂꯣ 50 ꯑꯄꯧꯕ
ꯃꯈꯜꯒꯤꯗꯃꯛ ꯃꯇꯝ ꯆꯞ ꯆꯥꯕꯗ ꯈꯔ ꯊꯦꯡꯅ
ꯀꯤꯂꯣ 80꯫ ꯑꯄꯤꯛꯄ ꯃꯈꯜꯒꯤꯗꯤ ꯀꯤꯂꯣ 30;

ꯊꯦꯡꯂꯒꯅ ꯀꯤꯂꯣ 40 ꯑꯣꯏꯒꯅꯤ꯫

ꯑꯔꯟ ꯑꯀꯨꯡ: ꯁꯦꯃꯤ 30
ꯒ10
ꯑꯄꯧꯕꯒꯤ; ꯑꯄꯤꯛꯄ ꯃꯈꯜꯒꯤꯗꯤ 30
ꯒ5꯫

ꯊꯦꯡꯂꯒꯅ ꯃꯊꯪꯁꯤꯠꯅ 20
ꯒ10 ꯑꯃꯗꯤ 20ꯒ5
ꯑꯣꯏꯍꯟꯁꯤ꯫

ꯍꯥꯔꯒꯤ ꯆꯥꯡ: ꯌꯨꯔꯤꯌꯥ ꯄꯔꯤꯗ ꯀꯤꯂꯣ
140-150; ꯑꯦꯁ ꯑꯦꯁ ꯄꯤ 150-170; ꯄꯣꯇꯥꯁ
ꯀꯤꯂꯣ 80-1000 ꯂꯩꯍꯥꯎꯒꯤ ꯃꯇꯨꯡ ꯏꯟꯅ
ꯆꯪꯒꯅꯤ꯫

ꯏꯁꯤꯡ ꯆꯟꯕ: ꯃꯔꯨ ꯆꯪꯂꯝꯗꯥꯏꯗ ꯄꯥꯔꯞꯅ
ꯄꯤꯒꯅꯤ꯫

ꯄꯣꯠꯊꯣꯛ: ꯄꯔꯤꯗ ꯀꯤꯂꯣ 2000 ꯐꯥꯎꯕ
ꯊꯣꯛꯄ ꯉꯝꯃꯤ꯫