IMPHAL, MONDAY, MAY 22, 2017 egiFyskq, skmlExg 26 eg wkEq, akmg\k sbAKgi 3415 obT\lE mkEwkB HUEIYEN LANPAO

2 ꯂꯧꯎꯁꯤꯡꯎꯒꯤ ꯀꯥꯈꯜ
ꯁꯨ ꯑꯃꯁꯨꯡ ꯁꯔꯦꯟꯗꯔ ꯄꯣꯂꯤꯁꯤ ꯊꯕꯛ ꯃꯇꯧꯁꯤꯗꯤ ꯃꯄꯥꯡꯒꯜ ꯌꯣꯛꯄꯗꯧꯅ ꯇꯧꯔꯦ
ꯏꯝꯐꯥꯜꯗ ꯄꯥꯡꯊꯣꯛꯄ ꯑꯦꯟꯇꯤ-ꯇꯦꯔꯔꯤꯖꯝ ꯗꯦꯒꯤ ꯊꯧꯔꯝꯗ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯆꯤꯐ ꯃꯤꯅꯤꯁꯇꯔ ꯅꯣꯡꯊꯣꯝꯕꯝ ꯕꯤꯔꯦꯟꯅ ꯌꯥꯝꯅ ꯊꯥꯖꯗꯕ ꯃꯑꯣꯡꯗ ꯋꯥꯐꯝ ꯑꯃꯈꯛ
ꯐꯣꯡꯗꯣꯛꯈꯤ꯫ ꯋꯥꯐꯝ ꯑꯗꯨꯗꯤ ꯀꯨꯀꯤ ꯂꯥꯜꯍꯧꯂꯨꯞꯁꯤꯡ, ꯏꯟꯗꯤꯌꯥ ꯒꯚꯔꯟꯃꯦꯟꯠ
ꯑꯃꯁꯨꯡ ꯃꯅꯤꯄꯨꯔ ꯂꯩꯉꯥꯛꯀ ꯑꯣꯏꯕ ꯅꯥꯀꯜ ꯑꯍꯨꯝꯒꯤ ꯁꯁꯄꯦꯟꯁꯟ ꯑꯣꯐ
ꯑꯣꯄꯔꯦꯁꯟ (ꯁꯨ) ꯑꯁꯤ ꯃꯥꯏ ꯄꯥꯛꯇ꯭ꯔꯦ ꯍꯥꯏꯕꯁꯤꯅꯤ꯫ ꯆꯤꯐ ꯃꯤꯅꯤꯁꯇꯔꯒꯤ ꯋꯥꯐꯝ
ꯑꯁꯤ ꯋꯥꯍꯟꯊꯣꯛ ꯌꯥꯝꯅ ꯂꯩꯕ ꯑꯃꯁꯨꯡ ꯅꯩꯅꯅꯤꯡꯉꯥꯏ ꯑꯣꯏ꯫ ꯃꯇꯝ ꯑꯃꯗ ꯆꯤꯐ
ꯃꯤꯅꯤꯁꯇꯔꯅ ꯑꯦꯝ ꯑꯦꯜ ꯑꯦ ꯑꯣꯏꯔꯤꯉꯩꯗ ꯁꯁꯄꯦꯟꯁꯟ ꯑꯣꯐ ꯑꯣꯄꯔꯦꯁꯟ
(ꯁꯨ) ꯑꯃꯁꯨꯡ ꯈꯨꯠꯂꯥꯏ ꯊꯥꯗꯣꯛꯇꯨꯅ ꯏꯪ-ꯇꯞꯅ ꯈꯨꯟꯗꯥ ꯂꯩꯇꯥꯖꯔꯒꯦ ꯍꯥꯏꯅ ꯂꯩꯉꯥꯛꯇ
ꯆꯪꯖꯔꯛꯄꯁꯤꯡꯗ ꯄꯤꯕ ꯈꯨꯗꯣꯡꯆꯥꯕꯁꯤꯡ ꯍꯥꯏꯕꯗꯤ ꯁꯔꯦꯟꯗꯔ ꯄꯣꯂꯤꯁꯤ ꯑꯁꯤ
ꯃꯇꯝꯒ ꯆꯨꯅꯗ꯭ꯔꯦ ꯍꯥꯏꯅ ꯐꯣꯡꯗꯣꯛꯈꯤꯕ ꯂꯩꯈꯤ꯫ ꯍꯧꯖꯤꯛꯅ ꯆꯤꯐ ꯃꯤꯅꯤꯁꯇꯔ
ꯑꯣꯏꯔꯛꯂꯕ ꯃꯇꯝꯗ ꯃꯍꯥꯛꯅ ꯁꯨ ꯑꯃꯁꯨꯡ ꯁꯔꯦꯟꯗꯔ ꯄꯣꯂꯤꯁꯤ ꯑꯁꯤꯅ ꯊꯣꯏꯗꯣꯛ
ꯍꯦꯟꯗꯣꯛꯅ ꯂꯣ ꯑꯦꯟꯗ ꯑꯣꯔꯗꯔ ꯂꯥꯛꯁꯤꯟꯕꯗ ꯀꯥꯟꯅꯕ ꯐꯪꯂꯛꯇꯕ ꯎꯕꯗꯒꯤ
ꯁꯦꯝꯗꯣꯛ ꯁꯥꯗꯣꯛꯅꯤꯡꯕꯒꯤ ꯋꯥꯈꯜꯂꯣꯟꯗ ꯁꯨ ꯃꯥꯏ ꯄꯥꯛꯇ꯭ꯔꯦ ꯍꯥꯏꯅ ꯐꯣꯡꯗꯣꯛꯄ
ꯑꯣꯏꯔꯝꯒꯅꯤ ꯈꯜꯂꯤ꯫ ꯃꯁꯤꯡ ꯈꯪꯗ꯭ꯔꯕ ꯂꯥꯜꯍꯧꯂꯨꯞꯁꯤꯡꯒꯤ ꯊꯕꯛ ꯊꯧꯔꯝꯁꯤꯡ
ꯌꯥꯔꯤꯕꯃꯈꯩ ꯍꯟꯊꯍꯟꯅꯕꯒꯤ ꯄꯥꯟꯗꯝꯗ ꯁꯦꯟꯇ꯭ꯔꯦꯜ ꯒꯚꯔꯟꯃꯦꯟꯠꯀꯤ ꯄꯥꯨꯇꯥꯛ
ꯃꯇꯨꯡꯏꯟ ꯀꯨꯀꯤ ꯑꯟꯗꯔꯒ꯭ꯔꯥꯎꯟ 23ꯒ ꯃꯅꯤꯄꯨꯔ ꯒꯚꯔꯟꯃꯦꯟꯠ ꯌꯥꯎꯔꯒ ꯃꯥꯏꯀꯩ
ꯑꯍꯨꯝꯒꯤ ꯑꯣꯏꯕ ꯁꯁꯄꯦꯟꯁꯟ ꯑꯣꯐ ꯑꯣꯄꯔꯦꯁꯟ (ꯁꯨ) ꯆꯠꯅꯍꯟꯕꯒꯤ ꯋꯥꯐꯝ
ꯂꯥꯛꯈꯤ꯫ ꯋꯥꯐꯝ ꯑꯁꯤ ꯀꯨꯝꯖꯥ 2008 ꯒꯤ ꯑꯣꯒꯁꯠ 22 ꯗ ꯊꯕꯛꯇ ꯑꯣꯟꯊꯣꯛꯇꯨꯅ
ꯅꯨꯃꯤꯠ ꯑꯁꯤꯗꯒꯤ ꯀꯨꯀꯤ ꯃꯤꯂꯤꯇꯦꯟꯠꯁꯤꯡꯒ ꯁꯁꯄꯦꯟꯁꯟ ꯑꯣꯐ ꯑꯣꯄꯔꯦꯁꯟ
ꯆꯠꯊꯅꯈꯤ꯫ ꯁꯨ ꯇꯧꯅꯔꯤꯕ ꯑꯁꯤ ꯀꯥꯡꯕꯨ ꯑꯅꯤ ꯊꯣꯛꯅ ꯈꯥꯏꯗꯣꯛꯂꯒ ꯇꯧꯅꯕꯅꯤ꯫

ꯀꯥꯡꯕꯨ ꯑꯃꯅ ꯀꯨꯀꯤ ꯅꯦꯁꯅꯦꯜ ꯑꯣꯔꯒꯅꯥꯏꯖꯦꯁꯟ (ꯀꯦ ꯑꯦꯟ ꯑꯣ) ꯅꯤ꯫ ꯑꯗꯨꯒ
ꯑꯇꯣꯞꯄ ꯀꯥꯡꯕꯨ ꯑꯃꯅ ꯌꯨꯅꯥꯏꯇꯦꯗ ꯄꯤꯄꯜꯁ ꯐ꯭ꯔꯟꯠ (ꯌꯨ ꯄꯤ ꯑꯦꯐ) ꯅꯤ꯫ ꯃꯥꯔꯗꯔ
ꯑꯣꯔꯒꯅꯥꯏꯖꯦꯁꯟ ꯑꯣꯏꯔꯤꯕ ꯀꯦ ꯑꯦꯟ ꯑꯣꯗ ꯂꯥꯜꯍꯧꯂꯨꯞ 17 ꯌꯥꯎꯏ꯫ ꯑꯗꯨꯒ ꯌꯨ ꯄꯤ
ꯑꯦꯐꯇꯅ ꯂꯥꯜꯍꯧꯂꯨꯞ ꯇꯔꯨꯛ ꯄꯨꯜꯂꯤ꯫ ꯍꯥꯏꯔꯤꯕ ꯂꯥꯜꯍꯧꯂꯨꯞꯁꯤꯡ ꯑꯁꯤꯒ ꯂꯩꯉꯥꯛꯀ
ꯌꯥꯅꯈꯤꯕ ꯃꯇꯨꯡꯏꯟꯅ ꯃꯈꯣꯏ ꯃꯈꯣꯏꯒꯤ ꯈꯨꯠꯖꯨ ꯈꯨꯠꯂꯥꯏꯁꯤꯡ ꯅꯥꯀꯜ ꯑꯅꯤꯅ KO

ꯄꯥꯏꯅꯔꯒ ꯑꯥꯔꯃꯤꯒ ꯁꯦꯚ ꯀꯁꯇꯗꯤꯗ ꯊꯝꯈ꯭ꯔꯦ꯫ ꯀꯥꯗꯔꯁꯤꯡꯁꯨ ꯂꯩꯉꯥꯛꯅ ꯃꯁꯛ
ꯈꯪꯅ ꯁꯦꯝ ꯁꯥꯈ꯭ꯔꯕ ꯗꯤꯖꯤꯒꯅꯦꯇꯦꯗ ꯀꯦꯝꯞꯁꯤꯡꯗ ꯂꯩꯅꯈ꯭ꯔꯦ꯫ ꯁꯁꯄꯦꯟꯁꯟ ꯑꯣꯐ
ꯑꯣꯄꯔꯁꯟ (ꯁꯨ) ꯒꯤ ꯈꯨꯠꯌꯦꯛ ꯄꯤꯅꯈ꯭ꯔꯕ ꯇꯨꯡꯗ ꯂꯥꯜꯍꯧꯕꯁꯤꯡ ꯑꯗꯨꯅ ꯁꯤꯖꯤꯅꯔꯝꯕ
ꯃꯈꯜ ꯈꯨꯗꯤꯡꯃꯛꯀꯤ ꯅꯣꯡꯃꯩꯁꯤꯡ ꯁꯦꯚ ꯀꯁꯇꯗꯤꯗ ꯊꯝꯅꯈ꯭ꯔꯕ ꯇꯨꯡꯗ ꯃꯈꯣꯏ
ꯃꯁꯦꯜ ꯍꯥꯠꯅꯁꯨꯅꯕꯒꯤ ꯊꯧꯗꯣꯛꯁꯤꯡ ꯊꯣꯔꯛꯄꯗ ꯅꯣꯡꯃꯩ ꯁꯤꯖꯤꯟꯅꯕꯒꯤ ꯋꯥꯊꯣꯛ
ꯑꯃ ꯑꯃꯨꯛ ꯊꯣꯔꯛꯈꯤ꯫ ꯍꯟꯗꯛꯇ ꯀꯥꯡꯄꯍꯛꯄꯤ ꯗꯤꯁꯇ꯭ꯔꯤꯛꯀꯤ ꯃꯐꯝ ꯑꯃꯗ
ꯀꯦ ꯑꯦꯟ ꯑꯦꯐꯀꯤ ꯀꯥꯗꯔꯁꯤꯡꯅ ꯀꯦ ꯑꯥꯔ ꯑꯦꯒꯤ ꯀꯥꯗꯔ ꯑꯅꯤ ꯐꯥꯗꯨꯅ ꯄꯨꯔꯕ ꯇꯨꯡꯗ
ꯅꯣꯡꯃꯩꯅ ꯀꯥꯞꯇꯨꯅ ꯍꯥꯠꯂꯒ ꯍꯨꯟꯗꯣꯛꯂꯝꯕꯒꯤ ꯊꯧꯗꯣꯛ ꯂꯩꯈꯤ꯫ ꯃꯁꯤꯗꯁꯨ ꯅꯠꯇꯅ
ꯁꯦꯂꯒꯤ ꯗꯤꯃꯥꯟꯗ ꯇꯧꯕ, ꯅꯝꯗꯨꯅ ꯁꯦꯜ ꯂꯧꯅꯕ ꯍꯣꯠꯅꯕ ꯑꯃꯁꯨꯡ ꯅꯦꯁꯅꯦꯜ ꯍꯥꯏꯋ
ꯦꯁꯤꯡꯗ ꯂꯨꯠ ꯄꯥꯠ ꯇꯧꯕꯒꯤ ꯊꯕꯛꯇ ꯁꯁꯄꯦꯟꯁꯟ ꯑꯣꯐ ꯑꯣꯄꯔꯦꯁꯟ ꯇꯧꯕꯗ \

ꯥꯎꯔꯤꯕ ꯀꯥꯗꯔ ꯈꯔ ꯆꯦꯟꯅꯩ ꯍꯥꯏꯕꯒꯤ ꯋꯥꯐꯝꯁꯨ ꯂꯩ꯫ ꯃꯁꯤꯒꯤꯁꯨ ꯃꯊꯛꯇ ꯁꯨꯒꯤ
ꯃꯤꯡꯗ ꯃꯈꯣꯏꯅ ꯂꯣꯟꯅ ꯑꯃꯁꯨꯡ ꯐꯣꯡꯅ ꯃꯈꯣꯏ ꯃꯈꯣꯏꯒꯤ ꯃꯄꯥꯡꯒꯜ ꯁꯥꯒꯠꯅꯕ
ꯊꯕꯛ ꯊꯧꯔꯝ ꯀꯌꯥꯃꯔꯨꯝ ꯄꯥꯏꯈꯠꯂꯛꯏ꯫ ꯌꯨ ꯖꯤ ꯑꯣꯏꯔꯤꯉꯩꯗ ꯆꯪꯕ ꯉꯝꯂꯝꯗꯕ
ꯈꯨꯜꯁꯤꯡ ꯃꯈꯣꯏꯅ ꯂꯩꯁꯤꯜꯂꯛꯏ ꯑꯃꯁꯨꯡ ꯈꯨꯜꯁꯤꯡ ꯑꯗꯨꯗꯒꯤ ꯃꯈꯣꯏꯒꯤ
ꯀꯥꯗꯔꯁꯤꯡ ꯔꯤꯀ꯭ꯔꯨꯏꯠ ꯇꯧꯕ ꯍꯧꯔꯛꯏ꯫ ꯊꯥꯡꯒꯩꯁꯦꯡꯅꯃꯛꯀꯤꯗꯤ ꯁꯨꯗ ꯌꯥꯎꯔꯤꯕ
ꯀꯨꯀꯤ ꯌꯨ ꯖꯤ ꯒ꯭ꯔꯨꯞꯁꯤꯡ ꯑꯁꯤ ꯑꯦꯟ ꯑꯦꯁ ꯁꯤ ꯑꯦꯟ (ꯑꯥꯏ ꯑꯦꯝ) ꯅ ꯀꯨꯀꯤꯁꯤꯡ
ꯍꯥꯠꯂꯛꯄꯗꯒꯤ ꯃꯁꯥ ꯉꯥꯛꯊꯣꯛꯅꯕ ꯂꯤꯡꯈꯠꯈꯤꯕ ꯈꯨꯠꯂꯥꯏ ꯄꯥꯏꯕ ꯂꯨꯞꯅ ꯑꯌ
ꯥꯝꯕꯅꯤ꯫ ꯃꯈꯣꯏꯗ ꯇꯣꯈꯥꯏꯕ ꯁ꯭ꯇꯦꯠ ꯑꯃ ꯁꯦꯝꯅꯕꯒꯤ ꯅꯠꯇ꯭ꯔꯒ ꯇꯣꯈꯥꯏꯕ ꯂꯩꯉꯥꯛ
ꯁꯦꯝꯅꯕꯒꯤ ꯗꯤꯃꯥꯟꯗ ꯀꯔꯤꯁꯨ ꯂꯂꯩꯈꯤꯗꯦ꯫ ꯍꯧꯖꯤꯛꯇ ꯁꯨ ꯇꯧꯅꯔꯕ ꯇꯨꯡꯗ ꯂꯩꯉꯥꯛꯀ
ꯋꯥꯔꯤ ꯁꯥꯅꯔꯒ ꯋꯥꯔꯣꯏꯁꯤꯟ ꯄꯨꯔꯛꯂꯝꯗꯥꯏꯁꯤꯗ ꯃꯊꯥꯡ ꯌꯥꯝꯕ ꯄꯨꯕ ꯊꯥꯡꯕ ꯉꯝꯂꯣꯏꯗꯕ
ꯗꯤꯃꯥꯟꯗ ꯀꯌꯥꯃꯔꯨꯝ ꯇꯧꯁꯤꯜꯂꯛꯈꯤꯕꯅꯤ꯫ ꯄꯨꯝꯅꯃꯛ ꯑꯁꯤ ꯈꯪꯂꯕ ꯆꯤꯐ ꯃꯤꯅꯤꯁꯇꯔꯅ
ꯁꯨ ꯃꯥꯏ ꯄꯥꯛꯇ꯭ꯔꯦ ꯍꯥꯏꯕ ꯑꯣꯏꯔꯝꯕꯁꯨ ꯌꯥꯏ꯫ ꯃꯇꯥꯡ ꯑꯁꯤꯗ ꯄꯟꯖꯅꯤꯡꯕ ꯋꯥꯐꯝꯗꯤ
ꯃꯅꯤꯄꯨꯔ ꯂꯩꯉꯥꯛꯅ ꯂꯥꯜꯍꯧꯕ ꯅꯝꯊꯅꯕꯒꯤ ꯃꯤꯡꯗ ꯁꯦꯝꯈꯤꯕ ꯁꯔꯦꯟꯗꯔ ꯄꯣꯂꯤꯁꯤꯁꯨ
ꯀꯥꯟꯅꯐꯝ ꯈꯪꯗ꯭ꯔꯦ꯫ ꯁꯤꯀꯨꯔꯇꯤ ꯐꯣꯔꯁꯤꯡꯅ ꯃꯈꯣꯏ ꯊꯕꯛ ꯇꯧꯏ ꯍꯥꯏꯕ ꯎꯠꯅꯕ
ꯁꯔꯦꯟꯗꯔ ꯗ꯭ꯔꯃꯥ ꯁꯥꯟꯅꯐꯝ ꯑꯣꯟꯊꯣꯛꯔꯛꯂꯦ꯫ ꯂꯥꯜꯍꯧꯕ ꯌꯥꯎꯏ ꯅꯠꯇ꯭ꯔꯒ ꯌꯥꯎꯗꯦ
ꯍꯥꯏꯕ ꯊꯤꯗꯅ ꯊꯕꯛ ꯐꯪꯍꯟꯒꯅꯤ ꯍꯥꯏꯅ ꯊꯥꯖꯍꯟꯗꯨꯅ ꯂꯥꯜꯍꯧꯕ ꯌꯥꯎꯗꯕ ꯃꯤꯁꯨ ꯁꯔꯦꯟꯗꯔꯒꯤ
ꯃꯥꯏꯈꯨꯝ ꯎꯞꯂꯒ ꯄꯨꯊꯣꯔꯛꯄꯒꯤ ꯊꯧꯗꯣꯛ ꯂꯩꯈ꯭ꯔꯦ꯫ ꯇꯁꯦꯡꯅ ꯄꯣꯊꯥꯖꯔꯒꯦ ꯈꯟꯗꯨꯅ
ꯂꯥꯜ ꯍꯧꯔꯝꯕꯗꯒꯤ ꯊꯣꯔꯛꯄ ꯀꯥꯗꯔꯁꯤꯡꯅ ꯍꯥꯎꯁ ꯑꯦꯔꯦꯁ ꯇꯧꯕꯗꯧꯅ ꯑꯦ ꯑꯥꯔꯒꯤ
ꯀꯦꯝꯞꯇ ꯊꯝꯖꯤꯜꯂꯤ꯫ ꯃꯈꯣꯏꯕꯨ ꯆꯍꯤ ꯑꯃ ꯃꯈꯥꯏ ꯐꯥꯔꯕ ꯐꯥꯎꯕ ꯁꯔꯦꯟꯗꯔ
ꯄꯣꯂꯤꯁꯤꯒꯤ ꯃꯈꯥꯗ ꯀꯥꯟꯅꯕ ꯄꯤꯗꯦ꯫ ꯑꯁꯤꯒꯨꯝꯕ ꯃꯑꯣꯡ ꯃꯇꯧ ꯑꯁꯤ ꯂꯥꯜꯍꯧꯕꯒꯤ
ꯋꯥꯇꯣꯛꯁꯤꯡ ꯑꯁꯤ ꯋꯥꯍꯩꯅꯕ ꯉꯝꯂꯣꯏ꯫ ꯋꯥꯈꯩꯅꯒꯦ ꯍꯥꯏꯕ ꯇꯥꯔꯕꯗꯤ ꯄꯣꯂꯤꯇꯤꯀꯦꯜ
ꯇꯣꯛ ꯅꯠꯇꯅ ꯑꯇꯩ ꯂꯝꯕꯤ ꯂꯩꯔꯣꯏ꯫ ꯆꯤꯐ ꯃꯤꯅꯤꯁꯇꯔ ꯅꯣꯡꯊꯣꯝꯕꯝ ꯕꯤꯔꯦꯟꯅ
ꯄꯥꯡꯊꯣꯛꯀꯦ ꯅꯤꯡꯂꯤꯕ ꯊꯕꯛ ꯊꯧꯔꯝꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯂꯥꯜꯍꯧꯕꯒꯤ ꯋꯥꯊꯣꯛ ꯑꯁꯤ
ꯋꯥꯈꯩꯅꯅꯕ ꯂꯝꯕꯤ ꯊꯤꯕꯁꯤꯁꯨ ꯑꯃ ꯑꯣꯏꯐꯝ ꯊꯣꯛꯏ ꯍꯥꯏꯖꯅꯤꯡꯏ꯫

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ

...ꯑꯦꯗꯤꯇꯔꯗ ꯊꯥꯔꯛꯄ ꯆꯤꯊꯤ...

ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯤꯕ ꯑꯦꯗꯤꯇꯔ,
ꯎꯔꯤꯄꯣꯛ ꯇꯣꯟꯗꯣꯟꯁꯅꯥ
ꯒꯚꯔꯟꯃꯦꯟꯠ ꯁ꯭ꯀꯨꯜ ꯀꯝꯄ꯭ꯂꯦꯛꯁꯇ ꯔꯥꯝ
ꯀ꯭ꯔꯤꯁꯟ ꯃꯤꯁꯅ ꯄ꯭ꯔꯥꯏꯚꯦꯠ ꯁ꯭ꯀꯨꯜ ꯑꯃ
ꯊꯝꯅꯅꯕ ꯃꯃꯥꯡꯒꯤ ꯀꯣꯡꯒ꯭ꯔꯦꯁ ꯂꯩꯉꯥꯛꯅ
ꯊꯧꯔꯥꯡ ꯇꯧꯔꯛꯈꯤꯕꯅꯤ꯫ ꯁ꯭ꯀꯨꯜ ꯑꯁꯤ
ꯂꯤꯡꯐꯝ ꯃꯐꯝ ꯆꯥꯗꯦ ꯍꯥꯏꯅꯔꯤꯉꯩ ꯆꯩꯔꯛꯇ
ꯅꯪꯍꯧꯔꯔꯣꯏ ꯃꯇꯥꯒꯨꯝ ꯍꯧꯖꯤꯛ ꯃꯤꯁꯟ
ꯁ꯭ꯀꯨꯜ ꯑꯁꯤꯒꯤ ꯁꯦꯁꯟ ꯍꯧꯈ꯭ꯔꯦ꯫ ꯑꯗꯨꯕꯨ
ꯁ꯭ꯀꯨꯜ ꯑꯁꯤꯒꯤ ꯂꯩꯐꯝ ꯑꯣꯏꯒꯗꯧꯔꯤꯕ
ꯎꯔꯤꯄꯣꯛ ꯀꯦꯟꯗ꯭ꯔ ꯑꯁꯤꯒꯤ
ꯑꯌꯥꯝꯕ ꯃꯤꯑꯣꯏꯁꯤꯡꯁꯨ ꯃꯐꯝ ꯑꯁꯤꯗ
ꯔꯥꯝ ꯀ꯭ꯔꯤꯁꯅ ꯃꯤꯁꯟ ꯄ꯭ꯔꯥꯏꯚꯦꯠ ꯁ꯭ꯀꯨꯜ
ꯑꯁꯤ ꯊꯝꯕ ꯄꯥꯝꯗꯦ꯫ ꯃꯁꯤꯒꯤꯗꯃꯛ
ꯋꯥꯀꯠ ꯃꯤꯐꯝ ꯀꯌꯥ ꯆꯠꯊꯈ꯭ꯔꯦ꯫

ꯃꯊꯛꯀꯤ ꯋꯥꯐꯝ ꯑꯁꯤꯅ ꯃꯔꯝ
ꯑꯣꯏꯗꯨꯅ ꯃꯤꯁꯟ ꯁ꯭ꯀꯨꯜ ꯑꯁꯤꯒꯤ
ꯃꯥꯌꯣꯛꯇ ꯈꯣꯡꯖꯪ ꯀꯌꯥ ꯆꯪꯁꯤꯟꯈ꯭ꯔꯦ ꯑꯃꯗꯤ
ꯄꯥꯎꯆꯦ ꯀꯌꯥꯗ ꯎꯔꯤꯄꯣꯛ ꯇꯣꯟꯗꯣꯟꯁꯅꯥ
ꯒꯚꯔꯟꯃꯦꯟꯠ ꯁ꯭ꯀꯨꯜ ꯀꯝꯄ꯭ꯂꯦꯛꯁꯇ
ꯔꯥꯝ ꯀ꯭ꯔꯤꯁꯅ ꯃꯤꯁꯟ ꯄ꯭ꯔꯥꯏꯚꯦꯠ ꯁ꯭ꯀꯨꯜ
ꯊꯝꯕ ꯌꯥꯅꯤꯡꯗꯦ ꯍꯥꯏꯗꯨꯅ ꯋꯥꯐꯝ ꯀꯌꯥ
ꯐꯣꯡꯗꯣꯛꯅꯗꯨꯅ ꯂꯩꯉꯥꯛꯀꯤ ꯄꯨꯛꯅꯤꯡ
ꯆꯤꯡꯁꯤꯟꯕ ꯑꯩꯈꯣꯏꯅ ꯇꯠꯇꯅ ꯊꯦꯡꯅꯔꯤ꯫

ꯄꯨꯝꯅꯃꯛ ꯑꯁꯤ ꯌꯦꯡꯂꯨꯔꯒ ꯏꯀꯥꯏ
ꯈꯨꯝꯅꯖꯔꯤꯕ ꯎꯔꯤꯄꯣꯛ ꯀꯦꯟꯗ꯭ꯔ ꯑꯁꯤꯒꯤ
ꯍꯟꯗꯛꯇ ꯚꯣꯠ ꯀꯥꯕꯤꯔꯛꯂꯕ ꯁ꯭ꯔꯤꯌꯨꯝꯅꯥꯝ
ꯖꯣꯏꯀꯨꯃꯥꯔ ꯁꯤꯡꯍ ꯑꯣꯅꯔꯦꯕꯜ ꯗꯦꯄ꯭ꯌꯨꯇꯤ
ꯆꯤꯐ ꯃꯤꯅꯤꯁꯇꯔ, ꯃꯅꯤꯄꯨꯔꯒꯤ ꯃꯐꯝꯗ
ꯃꯈꯥꯒꯤ ꯋꯥꯐꯝꯁꯤ ꯊꯝꯖꯔꯤ ꯃꯗꯨꯗꯤ-

ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯤꯕ ꯗꯦꯄ꯭ꯌꯨꯇꯤ ꯆꯤꯐ
ꯃꯤꯅꯤꯁꯇꯔ ꯑꯣꯏꯕꯤꯔꯤꯕꯅ ꯖꯦꯅꯔꯦꯜ
ꯏꯂꯦꯛꯁꯟ ꯃꯃꯥꯡꯗ ꯚꯣꯠ ꯈꯣꯝꯕꯗ
ꯊꯝꯕꯤꯈꯤꯕ ꯋꯥꯐꯝ, ‘ꯑꯩꯅ ꯚꯣꯠꯀꯥꯔꯕꯗꯤ
ꯎꯔꯤꯄꯣꯛ ꯇꯣꯟꯗꯣꯟꯁꯅꯥ ꯒꯚꯔꯟꯃꯦꯟꯠ
ꯁ꯭ꯀꯨꯜꯒꯤ ꯀꯝꯄ꯭ꯂꯦꯛꯁꯇ ꯔꯥꯝ ꯀ꯭ꯔꯤꯁꯅ
ꯃꯤꯁꯟ ꯄ꯭ꯔꯥꯏꯚꯦꯠ ꯁ꯭ꯀꯨꯜ ꯊꯝꯕ ꯌꯥꯍꯜꯂꯣꯏ’

ꯍꯣꯡꯗꯣꯛꯀꯅꯤ ꯇꯥꯛꯄꯤꯈꯤ꯫ ꯋꯥꯐꯝ ꯑꯁꯤ
ꯕꯥꯆꯁꯄꯇꯤ ꯃꯅꯤꯡ ꯂꯩꯀꯥꯏꯗ ꯌꯨꯝ ꯑꯃꯒꯤ
ꯁꯨꯃꯥꯡꯗ ꯚꯣꯠ ꯈꯣꯝꯕꯒ ꯃꯔꯤ ꯂꯩꯅꯅ ꯃꯤꯇꯤꯡ
ꯑꯃꯗ ꯍꯥꯏꯕꯤꯈꯤꯕꯅꯤ꯫ ꯍꯧꯖꯤꯛꯇꯤ ꯚꯣꯠꯁꯨ
ꯀꯥꯕꯤꯔꯦ, ꯗꯦꯄ꯭ꯌꯨꯇꯤ ꯁꯤ ꯑꯦꯝ ꯐꯥꯎꯕ
ꯑꯣꯏꯕꯤꯔꯦ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯀꯦꯟꯗꯛꯔ
ꯑꯁꯤꯗ ꯁ꯭ꯀꯨꯜ ꯑꯁꯤ ꯂꯤꯡꯕꯒꯤꯗꯃꯛ
ꯋꯥꯔꯊꯣꯛ ꯂꯥꯟꯊꯣꯛ ꯂꯥꯛꯇ꯭ꯔꯤꯉꯩ, ꯄꯥꯔꯃꯤꯅꯦꯜ
ꯑꯣꯏꯕ ꯃꯤꯁꯟ ꯁ꯭ꯀꯨꯜ ꯑꯁꯤꯒꯤ ꯕꯤꯜꯗꯤꯡ
ꯁꯥꯗ꯭ꯔꯤꯉꯩꯗ ꯃꯐꯝ ꯍꯣꯡꯗꯣꯛꯄꯤꯗꯨꯅ
ꯍꯥꯟꯅꯒꯤ ꯒꯚꯔꯟꯃꯦꯟꯠꯀꯤ ꯁ꯭ꯀꯨꯜ ꯑꯁꯤ
ꯂꯦꯡꯗꯅ ꯑꯗꯨꯃꯛ ꯊꯝꯕꯤꯅꯕ ꯊꯕꯛ ꯑꯣꯏꯅ
ꯄꯥꯡꯊꯣꯛꯄꯤꯅꯕ ꯅꯤꯡꯁꯤꯡꯖꯔꯤ꯫

ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯤꯕ ꯂꯣꯀꯦꯜ ꯑꯦꯝ
ꯑꯦꯜ ꯑꯦꯁꯨ ꯑꯣꯏꯕꯤꯔꯤꯕ ꯗꯦꯄ꯭ꯌꯨꯇꯤ ꯆꯤꯐ
ꯃꯤꯅꯤꯁꯇꯔꯅ ꯎꯔꯤꯄꯣꯛ ꯃꯤꯌꯥꯝꯒꯤ
ꯏꯍꯨꯜ ꯈꯪꯕꯤꯗꯨꯅ ꯎꯔꯤꯄꯣꯛ ꯇꯣꯟꯗꯣꯟꯁꯅꯥ
ꯒꯚꯔꯟꯃꯦꯟꯠ ꯁ꯭ꯀꯨꯜ ꯀꯝꯄ꯭ꯂꯦꯛꯁꯇꯒꯤ
ꯃꯤꯁꯟ ꯁ꯭ꯀꯨꯜ ꯑꯁꯤ ꯂꯧꯊꯣꯛꯄꯤꯔꯕꯗꯤ
ꯎꯔꯤꯄꯣꯛ ꯀꯦꯟꯗ꯭ꯔ ꯑꯁꯤꯒꯤ ꯃꯅꯨꯡ
ꯆꯟꯕ ꯂꯩꯉꯥꯛꯀꯤ ꯔꯦꯚꯤꯅ꯭ꯌꯨꯒꯤ ꯃꯇꯨꯡ ꯏꯟꯅ
ꯈꯨꯜ ꯅꯝꯕꯔ 92-ꯏꯔꯣꯏꯁꯦꯝꯕ, ꯏꯝꯐꯥꯜ
ꯋꯦꯁꯠ ꯃꯅꯨꯡꯗ ꯂꯩꯕ ꯂꯝꯕꯣꯏꯈꯣꯡꯅꯥꯡꯈꯣꯡ
ꯒꯚꯔꯟꯃꯦꯟꯠ ꯁ꯭ꯀꯨꯜ ꯀꯝꯄ꯭ꯂꯦꯛꯁꯇ
ꯃꯤꯁꯟ ꯁ꯭ꯀꯨꯜ ꯑꯁꯤ ꯊꯝꯕꯤꯅꯕ
ꯅꯤꯡꯁꯤꯡꯖꯔꯤ꯫ ꯏꯔꯣꯏꯁꯦꯝꯕ ꯈꯨꯜꯒꯤ
ꯃꯅꯨꯡꯗ ꯂꯩꯕ ꯂꯝꯕꯣꯏꯈꯣꯡꯅꯥꯡꯈꯣꯡꯒꯤ ꯄꯥꯛ
ꯆꯥꯎꯔꯕ ꯁ꯭ꯀꯨꯜ ꯀꯝꯄ꯭ꯂꯦꯛꯁ ꯑꯁꯤꯗ
ꯔꯥꯝ ꯀ꯭ꯔꯤꯁꯅ ꯃꯤꯁꯟ ꯄ꯭ꯔꯥꯏꯚꯦꯠ ꯁ꯭ꯀꯨꯜ
ꯑꯁꯤ ꯊꯝꯕꯤꯕꯅ ꯑꯐꯕ ꯑꯣꯏꯒꯅꯤ꯫

ꯏꯝꯐꯥꯜ ꯀꯥꯡꯆꯨꯞ ꯔꯣꯗꯀꯤ ꯍꯦꯛ ꯑꯋꯥꯡ
ꯊꯪꯕꯗ ꯏꯉꯥꯟ ꯉꯥꯟꯅ ꯃꯤꯁꯟ ꯁ꯭ꯀꯨꯜ
ꯑꯁꯤ ꯂꯩꯕ ꯎꯒꯅꯤ꯫ ꯃꯁꯤꯅ SD_

ꯥꯏꯗꯒꯤꯁꯨ ꯃꯐꯝ ꯆꯥꯕ ꯑꯣꯏꯒꯅꯤ꯫ ꯏꯝꯐꯥꯜ
ꯁꯣꯔꯗꯒꯤꯁꯨ ꯈꯔ ꯂꯥꯞꯊꯣꯛꯅ ꯂꯩꯔꯒꯅꯤ꯫

ꯃꯁꯤꯅ ꯎꯔꯤꯄꯣꯛꯀꯤ, ꯃꯅꯤꯄꯨꯔꯒꯤ
ꯃꯤꯆꯝ ꯃꯤꯌꯥꯝꯅꯁꯨ ꯃꯐꯝ ꯆꯥꯕ ꯃꯐꯝꯗ
ꯃꯤꯁꯟ ꯁ꯭ꯀꯨꯜ ꯑꯁꯤ ꯊꯝꯃꯤ ꯍꯥꯏꯗꯨꯅ
ꯊꯥꯒꯠꯅꯒꯅꯤ꯫

ꯑꯗꯣꯝꯒꯤ-ꯁꯥꯃꯨꯂꯥꯏꯂꯥꯠꯄꯝ ꯄ꯭ꯔꯍꯂꯥꯗ
ꯁꯔꯃ
ꯍꯥꯟꯅꯒꯤ ꯀꯥꯎꯟꯁꯤꯜꯂꯔ, ꯑꯥꯏ ꯑꯦꯝ
ꯁꯤ, ꯋꯥꯔꯗ ꯅꯝꯕꯔ 27
ꯔꯥꯝ ꯀ꯭ꯔꯤꯁꯅ ꯃꯤꯁꯟ ꯄ꯭ꯔꯥꯏꯚꯦꯠ ꯁ꯭ꯀꯨꯜ ꯑꯁꯤ ꯂꯝꯕꯣꯏꯈꯣꯡꯅꯥꯡꯈꯣꯡꯗ ꯊꯝꯕꯤꯌꯨ
ꯐꯧ ꯄꯥꯝꯕꯤꯒꯤ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ ꯑꯃꯁꯨꯡ ꯉꯥꯛꯊꯣꯛꯅꯕ ꯎꯄꯥꯏ-3
ꯐꯧꯈꯣꯛ ꯃꯨꯕꯤ ꯑꯃꯁꯨꯡ ꯐꯧꯈꯣꯛ ꯂꯥꯡꯕꯤ ꯂꯥꯏꯅꯥ:

ꯂꯥꯏꯅꯥꯁꯤꯡꯁꯤ ꯂꯧꯕꯨꯛꯀꯤ ꯆꯤꯗꯥꯏꯗ ꯂꯦꯞꯂꯒ
ꯌꯦꯡꯕꯗꯗꯤ ꯎꯗꯕ ꯌꯥꯝꯅ ꯅꯛꯁꯤꯟꯅ ꯌꯦꯡꯂꯒꯗꯤ
ꯎꯒꯅꯤ꯫ ꯐꯧꯔꯛꯇ ꯆꯪꯗꯨꯅ ꯐꯧꯈꯣꯛꯁꯤꯡꯗꯨ
ꯆꯦꯛꯁꯤꯟꯅ ꯌꯦꯡꯕꯗ ꯅꯠꯇ꯭ꯔꯒ ꯅꯥꯄꯤ ꯄꯦꯡꯕ
ꯃꯇꯝꯗ ꯂꯥꯏꯅꯥꯁꯤꯡꯁꯤ ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯂꯥꯏꯅꯥꯁꯤꯡ
ꯑꯁꯤꯅ ꯌꯥꯝꯅ ꯃꯥꯡꯍꯟꯕ ꯑꯣꯏꯅ ꯎꯗ꯭ꯔꯕꯁꯨ
ꯆꯔꯣꯡ ꯆꯨꯝꯕ ꯋꯥꯠꯄ ꯑꯃꯁꯨꯡ ꯐꯧ ꯃꯔꯨ ꯆꯪꯕ
ꯋꯥꯠꯄꯅ ꯄꯣꯠꯊꯣꯛ ꯌꯥꯝꯅ ꯍꯟꯊꯩ꯫

WySOd abqg (Stem rot), mkTek

ꯊꯣꯛꯍꯜꯂꯤꯕ ꯀꯣꯛꯐꯥꯏ: Sclerotium ꯍꯗꯧꯚꯃꯅ.

ꯂꯥꯏꯑꯣꯡ: ꯊꯥꯞꯅ ꯌꯦꯡꯕꯗ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯃꯈꯥ
ꯇꯥꯕ ꯐꯧꯅꯥꯁꯤꯡ ꯅꯥꯄꯨ ꯃꯆꯨ ꯆꯪꯕ ꯎꯒꯅꯤ꯫ ꯏꯁꯤꯡ
ꯏꯃꯥꯏ ꯃꯄꯥꯗ ꯂꯩꯔꯤꯕ ꯐꯧꯈꯣꯛꯇ ꯃꯩꯇꯥꯟꯃꯨꯛ ꯃꯨꯕ
ꯃꯑꯣꯡ ꯃꯔꯤꯜ ꯅꯥꯏꯗꯕ ꯗꯥꯒꯁꯤꯡ ꯎꯒꯅꯤ꯫

ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ ꯄꯨꯝꯊꯍꯟꯕꯒꯤ ꯃꯑꯣꯡ ꯃꯇꯧ
ꯃꯁ ꯄꯥꯝꯕꯤ ꯑꯁꯤꯃꯛꯀꯤ ꯃꯅꯨꯡ ꯊꯪꯕ ꯃꯀꯥꯗ
ꯐꯥꯎꯖꯤꯟꯕ ꯉꯝꯃꯤ꯫ ꯃꯇꯨꯡꯗ ꯐꯧꯈꯣꯛ ꯌꯧꯅ
ꯁꯣꯛꯍꯜꯂꯛꯏ꯫ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ ꯅꯥꯔꯤꯕ ꯃꯅꯥ
ꯑꯗꯨꯈꯛ ꯀꯪꯁꯤꯜꯂꯛꯇꯨꯅ ꯆꯔꯨ ꯃꯥꯜꯂꯛꯏ꯫ ꯐꯧ
ꯄꯥꯝꯕꯤꯅ ꯃꯄꯨꯡ ꯃꯔꯩ ꯐꯥꯔꯛꯄꯒ ꯂꯣꯏꯅꯅ ꯂꯥꯏꯅꯥ
ꯑꯁꯤ ꯅꯥꯕꯒꯤ ꯆꯥꯡꯁꯨ ꯍꯦꯟꯒꯠꯂꯛꯏ꯫

ꯑꯁꯤꯒꯨꯝꯕ ꯄꯥꯝꯕꯤꯁꯤꯡꯗꯒꯤ ꯄꯨꯊꯣꯔꯛꯄ
ꯐꯧ ꯆꯔꯣꯡꯗꯤ ꯌꯥꯝꯅ ꯄꯤꯛꯏ ꯑꯃꯁꯨꯡ ꯊꯦꯡꯉꯤ꯫

ꯐꯧ ꯈꯥꯎꯈ꯭ꯔꯕ ꯇꯨꯡꯗ ꯆꯔꯨꯈꯣꯛꯁꯤꯡꯗꯨ ꯌꯨꯡꯅ
ꯁꯦꯒꯥꯏꯗꯨꯅ ꯌꯦꯡꯕꯗ ꯍꯪꯒꯥꯝ ꯃꯔꯨꯗꯒꯤ ꯍꯦꯟꯅ
ꯀꯨꯞꯅ ꯀꯣꯛꯐꯥꯏ ꯃꯔꯨ, ꯁ꯭ꯀꯦꯂꯣꯔꯦꯁꯤꯌꯥꯁꯤꯡ
ꯎꯒꯅꯤ꯫ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯒꯤ ꯇꯣꯉꯥꯟꯕ ꯂꯥꯏꯑꯣꯡ
ꯍꯥꯏꯕꯕꯨ ꯑꯁꯤꯒꯨꯝꯕ ꯁ꯭ꯀꯦꯂꯣꯔꯣꯁꯤꯌꯥꯁꯤꯡ
ꯃꯁꯤꯡ ꯌꯥꯝꯅ ꯄꯨꯊꯣꯛꯄꯁꯤꯅꯤ꯫ ꯑꯗꯨꯒ ꯑꯃꯅ
ꯂꯧꯐꯝꯗꯨ ꯐꯧ ꯂꯤꯡꯅꯕ ꯁꯦꯝꯕ ꯃꯇꯝꯗ ꯍꯪꯒꯥꯝ
ꯃꯔꯨ ꯃꯥꯟꯕ ꯁ꯭ꯀꯦꯂꯦꯔꯣꯁꯤꯌꯥꯁꯤꯡ ꯌꯥꯝꯅ ꯇꯥꯎꯕ
ꯎꯕꯁꯤꯅꯤ꯫

ꯂꯥꯏꯅꯥꯁꯤꯅ ꯄꯤꯔꯛꯄ ꯆꯩꯊꯦꯡ: ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ
ꯐꯧ ꯄꯥꯝꯕꯤꯁꯤꯡ ꯁꯣꯟꯊꯍꯜꯂꯤ꯫ ꯃꯔꯨ ꯆꯪꯍꯟꯗꯦ꯫

ꯐꯧꯊꯣꯛ ꯍꯟꯊꯍꯜꯂꯤ꯫ ꯀꯔꯤꯒꯨꯝꯕ ꯂꯥꯏꯅꯥ ꯑꯁꯤ
ꯉꯟꯅ ꯇꯥꯔꯕꯗꯤ ꯐꯧꯍꯥꯝ ꯁꯥꯠꯍꯜꯂꯤ꯫ ꯈꯔ ꯊꯦꯡꯅ
ꯇꯥꯔꯒꯅ ꯃꯔꯨ ꯆꯪꯕ ꯋꯥꯠꯂꯤ꯫ ꯇꯞꯂꯞꯅ ꯁꯤꯠꯄ
ꯅꯨꯡꯁꯤꯠꯅ ꯂꯥꯏꯅꯥ ꯆꯦꯜꯂꯕ ꯐꯧ ꯄꯥꯝꯕꯤꯁꯤꯡꯕꯨ
ꯇꯨꯍꯟꯕ ꯉꯝꯃꯤ꯫

ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯇꯥꯒꯟꯕ ꯐꯤꯚꯝꯁꯤꯡ: 1) ꯏꯁꯤꯡ
ꯇꯨꯡꯒꯟꯕ, ꯏꯁꯤꯡ ꯆꯤꯊꯣꯛꯄ ꯋꯥꯕ ꯃꯐꯝꯁꯤꯡ,
2) ꯄꯣꯇꯥꯁꯀꯤ ꯆꯥꯡ ꯅꯦꯝꯕ ꯃꯐꯝꯁꯤꯡ ꯑꯃꯗꯤ
3) ꯅꯥꯏꯇ꯭ꯔꯣꯖꯦꯟ ꯑꯃꯁꯨꯡ ꯐꯣꯁꯐꯣꯔꯁꯀꯤ ꯆꯥꯡ
ꯋꯥꯡꯅ ꯍꯥꯞꯂꯒ ꯄꯣꯇꯥꯁꯀꯤ ꯆꯥꯡ ꯌꯥꯝꯅ ꯅꯦꯝꯅ
ꯍꯥꯞꯄ ꯃꯐꯝꯁꯤꯡ꯫

ꯂꯧꯕꯨꯛꯇ ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯍꯟꯅ ꯍꯟꯅ ꯎꯕꯒꯤ
ꯃꯔꯝ: ꯐꯧ ꯄꯥꯝꯕꯤꯅ ꯃꯄꯨꯡ ꯐꯥꯔꯛꯄꯒ ꯂꯣꯏꯅꯅ
ꯂꯥꯏꯅꯥ ꯊꯣꯛꯍꯜꯂꯤꯕ ꯀꯣꯛꯐꯥꯏ ꯃꯈꯜꯁꯤꯕꯨꯁꯨ
ꯃꯁꯥꯒꯤ ꯙꯥꯔꯥꯕꯨ ꯀꯟꯖꯅꯕꯒꯤꯗꯃꯛ ꯍꯪꯒꯥꯝ
ꯃꯔꯨ ꯃꯥꯟꯕ ꯔꯦꯁꯇꯤꯡ ꯁꯇ꯭ꯔꯛꯆꯔ ꯑꯣꯏꯕ
ꯁ꯭ꯀꯦꯂꯦꯔꯣꯆꯤꯌꯥ ꯀꯌꯥ ꯆꯔꯨꯈꯣꯛ ꯃꯅꯨꯡꯗ ꯊꯅꯝꯃꯤ꯫

ꯑꯁꯤꯒꯨꯝꯕ ꯁ꯭ꯀꯦꯂꯦꯔꯣꯁꯤꯌꯥ ꯀꯌꯥꯁꯤꯅ ꯃꯊꯪꯒꯤ
ꯀꯨꯝ ꯂꯥꯛꯄꯗ ꯑꯃꯨꯛ ꯂꯥꯏꯅꯥ ꯁꯟꯗꯣꯔꯛꯏ꯫ ꯐꯧ
ꯂꯤꯡꯅꯕ ꯅꯠꯇ꯭ꯔꯒ ꯍꯨꯟꯅꯕꯒꯤꯗꯃꯛ ꯂꯧꯐꯝꯗꯨ
ꯏꯅꯥꯡ ꯇꯥꯅ ꯅꯩꯕ ꯃꯇꯝꯗ ꯁ꯭ꯀꯦꯂꯦꯔꯣꯁꯤꯌꯥꯁꯤꯡꯗꯨ
ꯏꯁꯤꯡ ꯃꯊꯛꯇ ꯀꯣꯏꯇꯥꯎ ꯇꯥꯎꯗꯨꯅ ꯂꯩ꯫ ꯌꯦꯡꯕꯗ
ꯅꯥꯄꯤ ꯃꯔꯨꯁꯤꯡ ꯏꯁꯤꯡꯗ ꯇꯥꯎꯗꯨꯅ ꯂꯩꯕ ꯃꯥꯜꯂꯤ꯫ ꯂꯧ
ꯂꯤꯡꯂꯕ ꯃꯇꯨꯡꯗꯗꯤ ꯇꯥꯎꯔꯤꯕ ꯁ꯭ꯀꯦꯂꯦꯔꯣꯁꯤꯌ
ꯥꯁꯤꯡꯗꯨ ꯁꯔꯐꯦꯁ ꯇꯦꯟꯁꯟꯅ ꯐꯧꯈꯣꯛꯁꯤꯡꯗꯨꯗ
ꯅꯞ ꯅꯞꯇꯨꯅ ꯂꯩꯈꯤ ꯑꯃꯁꯨꯡ ꯃꯐꯝ ꯑꯗꯨꯗ ꯃꯌꯣꯟ
ꯆꯣꯡꯗꯨꯅ ꯃꯔꯥ ꯏꯟꯊꯣꯔꯛꯇꯨꯅ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ ꯅꯥꯕ
ꯍꯧꯔꯛꯏ꯫ ꯑꯃꯔꯣꯝꯗ ꯅꯞꯍꯧꯗꯕ ꯇꯥꯎꯗꯨꯅ ꯂꯩꯔꯤꯕ
ꯁ꯭ꯀꯦꯂꯦꯔꯣꯇꯤꯌꯥꯁꯤꯡꯤꯗꯨꯁꯨ ꯃꯇꯣꯟ ꯊꯣꯔꯛꯇꯨꯅ
ꯀꯣꯅꯤꯗꯤꯌꯥꯁꯤꯡ (ꯀꯣꯛꯐꯥꯏ ꯃꯔꯨ) ꯄꯨꯊꯣꯔꯛꯏ꯫

ꯃꯁꯤꯅꯁꯨ ꯐꯧ ꯄꯥꯝꯕꯤꯗ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯃꯛ
ꯊꯣꯛꯍꯜꯂꯤ꯫ ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯐꯧ ꯄꯥꯝꯕꯤꯅ ꯅꯨꯃꯤꯠ 45
ꯅꯤꯃꯨꯛ ꯁꯨꯔꯛꯄ ꯍꯥꯏꯕꯗꯤ ꯃꯆꯥ ꯄꯣꯛꯄ ꯃꯇꯝꯗ
ꯑꯍꯥꯟꯕ ꯂꯥꯏꯑꯣꯡꯁꯤꯡ ꯎꯕ ꯍꯧꯔꯛꯏ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ: 1) ꯅꯥꯏꯇ꯭ꯔꯣꯖꯦꯟ
ꯑꯃꯁꯨꯡ ꯐꯣꯁꯐꯣꯔꯁꯀꯤ ꯆꯥꯡ ꯍꯟꯊꯕ,
ꯄꯣꯇꯥꯁ (ꯑꯦꯝ ꯑꯣ ꯄꯤ) ꯒꯤꯤ ꯆꯥꯡ ꯈꯔ _

ꯥꯍꯟꯕ꯫ ꯑꯦꯝ ꯑꯣ ꯄꯤ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 65 ꯄꯔꯤ
ꯑꯃ ꯆꯥꯎꯕ ꯂꯧꯐꯝꯗ ꯍꯥꯞꯇꯨꯅ ꯂꯥꯏꯅꯥ ꯑꯁꯤ
ꯍꯟꯊꯍꯟꯕ ꯉꯝꯃꯤ꯫ 2) ꯂꯥꯏꯅꯥ ꯆꯦꯜꯂꯕ
ꯆꯔꯨꯈꯣꯛꯁꯤꯡ ꯃꯩ ꯊꯥꯗꯣꯛꯀꯤ꯫ ꯅꯤꯡꯊꯝꯊꯥꯗ
ꯍꯪꯒꯥꯝ ꯊꯥꯔꯝꯗꯥꯏꯗ ꯆꯔꯨꯈꯣꯛꯁꯤꯡ ꯃꯩ
ꯊꯥꯗꯣꯛꯄꯁꯤꯁꯨ ꯌꯥꯝꯅ ꯀꯥꯟꯅꯕ ꯑꯃꯅꯤ꯫

3) ꯏꯁꯤꯡ ꯆꯤꯊꯣꯛꯄꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯕ
ꯂꯩꯔꯕꯗꯤ ꯏꯁꯤꯡ ꯆꯤꯊꯣꯛꯂꯕ ꯃꯇꯨꯡꯗ

Hexaconazole% agmgmgfj 15
ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15 ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯒ ꯐꯧꯈꯣꯛ
ꯆꯣꯠꯅꯕ ꯀꯥꯞꯊꯣꯛꯂꯕ ꯃꯇꯨꯡ ꯅꯨꯃꯤꯠ ꯅꯤꯅꯤ
ꯂꯩꯔꯒ ꯏꯁꯤꯡ ꯑꯃꯨꯛ ꯊꯥꯖꯤꯟꯕ ꯌꯥꯏ꯫ 4) ꯐꯧ
ꯂꯤꯡꯂꯝꯗꯥꯏ ꯅꯠꯇ꯭ꯔꯒ ꯍꯨꯜꯂꯝꯗꯥꯏꯗ ꯇꯥꯎꯗꯨꯅ
ꯂꯩꯔꯤꯕ ꯀꯣꯛꯐꯥꯏ ꯃꯔꯨꯁꯤꯡꯕꯨ ꯖꯥꯂꯤ ꯑꯃꯅ
ꯁꯦꯝꯂꯕ ꯂꯣꯡꯊ꯭ꯔꯥꯏꯅ ꯀꯣꯠꯊꯣꯛꯍꯧꯒꯅꯤ꯫

WySOd mkiqg (Sheath blight), mkTek

ꯊꯣꯛꯍꯜꯂꯤꯕ ꯀꯣꯛꯐꯥꯏ: Rhizoctonia

solani.

ꯂꯥꯏꯑꯣꯡ: ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯐꯧ ꯄꯥꯝꯕꯤꯅ ꯃꯄꯨꯡ
ꯃꯔꯩ ꯄꯥꯔꯛꯄ ꯍꯥꯏꯕꯗꯤ ꯃꯆꯥ ꯄꯣꯛꯄ ꯑꯃꯁꯨꯡ
ꯃꯄꯥꯜ ꯁꯥꯠꯂꯛꯄ ꯃꯇꯝꯗ ꯅꯥꯒꯜꯂꯤ꯫ ꯂꯥꯏꯅꯥ
ꯑꯁ ꯃꯅꯥꯒꯤ ꯃꯈꯥ ꯊꯪꯕ ꯁꯔꯨꯛ ꯍꯥꯏꯕꯗꯤ ꯏꯃꯥꯏꯒ
ꯅꯛꯅꯅ ꯂꯩꯔꯤꯕ ꯄꯥꯝꯕꯤꯕꯨ ꯌꯣꯝꯁꯤꯜꯂꯤꯕ ꯃꯀꯥꯒꯤ
ꯁꯔꯨꯛꯇ ꯑꯉꯧꯕ ꯃꯄꯥꯛ ꯃꯄꯥꯛ ꯑꯣꯏꯅ
ꯎꯔꯝꯕꯗꯒꯤ ꯃꯊꯛꯂꯣꯝꯗ ꯑꯁꯨꯝ ꯑꯁꯨꯝ
ꯁꯟꯗꯣꯔꯛꯀꯅꯤ꯫ ꯃꯑꯣꯡ ꯑꯃꯁꯨꯡ ꯆꯥꯎꯕ
ꯃꯥꯟꯅꯗꯕ, ꯆꯣꯠ ꯆꯣꯠ ꯂꯥꯎꯅ ꯇꯣꯡꯇꯛ ꯇꯧꯕ

BG ꯃꯥꯟꯕ ꯃꯆꯨ ꯑꯣꯏꯅ ꯇꯧꯕ ꯗꯥꯒꯁꯤꯡ ꯂꯩꯕ
ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯗꯥꯒꯁꯤꯡ ꯑꯁꯤ ꯑꯃꯒ ꯑꯃꯒ
ꯁꯝꯖꯤꯟꯅꯗꯦ꯫ ꯗꯥꯒꯁꯤꯡꯒꯤ ꯃꯔꯛꯇ ꯃꯁꯥ
ꯐꯔꯤꯕ ꯃꯅꯥꯒꯇꯤ ꯁꯔꯨꯛꯁꯤꯡ ꯂꯩꯕ ꯊꯦꯡꯅꯒꯅꯤ꯫

ꯃꯄꯨꯝ ꯑꯣꯏꯅ ꯌꯦꯡꯕꯗ ꯂꯤꯜꯕꯣꯕ ꯃꯥꯟꯅ
ꯃꯔꯥꯡ ꯃꯔꯥꯡ ꯂꯥꯡꯕ ꯑꯣꯏꯅ ꯎꯒꯅꯤ꯫ ꯃꯁꯤꯒꯤ
ꯂꯥꯏꯑꯣꯡ ꯑꯁꯤ ꯁꯤꯠ ꯕ꯭ꯂꯥꯏꯠꯀꯤ ꯇꯣꯉꯥꯟꯕ
ꯑꯇꯩ ꯂꯥꯏꯑꯣꯡꯒ ꯃꯥꯟꯅꯗꯕ ꯃꯑꯣꯡꯅꯤ꯫ ꯂꯥꯏꯅꯥ
ꯄꯛꯂꯕ ꯐꯧ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯎꯗ ꯍꯪꯒꯥꯝ ꯃꯔꯨ ꯃꯥꯟꯕ
ꯁ꯭ꯀꯦꯂꯦꯔꯣꯁꯤꯌꯥꯁꯤꯡ ꯄꯛꯄ ꯊꯦꯡꯒꯅꯤ꯫

Sheath blight sg scelerotia e

ꯁꯤꯁꯇꯦꯝ ꯔꯨꯠꯀꯤ ꯁ꯭ꯀꯦꯂꯦꯔꯣꯇꯤꯌꯥꯗꯒꯤ ꯆꯥꯎꯕ
ꯈꯖꯤꯛ ꯍꯦꯟꯒꯅꯤ ꯑꯗꯨꯕꯨ ꯃꯁꯤꯡꯗꯤ ꯌꯥꯝꯅ
ꯍꯟꯊꯒꯅꯤ꯫ ꯊꯦꯡꯂꯨꯕꯗ ꯂꯩꯕꯥꯛꯇ ꯀꯦꯟꯈꯤꯒꯅꯤ
ꯑꯗꯨꯒ ꯃꯊꯪ ꯑꯃꯨꯛ ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯁꯟꯗꯣꯛꯅꯕꯒꯤ
ꯃꯆꯥꯛ ꯑꯣꯏꯅ ꯂꯩꯈꯤ꯫ ꯕ꯭ꯂꯥꯁꯠꯀ ꯁꯤꯠ ꯕ꯭ꯂꯥꯏꯠꯀ
ꯄꯨꯟꯅ ꯇꯥꯕ ꯌꯥꯝꯅ ꯇꯣꯏꯅ ꯊꯦꯡꯅꯒꯅꯤ꯫

ꯂꯥꯏꯅꯥ ꯑꯁꯤꯒꯤ ꯆꯥꯅꯕ ꯏꯁꯤꯡ ꯅꯨꯡꯁꯤꯠ:

1) ꯏꯁꯤꯡ ꯃꯅꯤꯜꯒꯤ ꯆꯥꯡ ꯋꯥꯡꯕ (ꯔꯤꯂꯦꯇꯤꯕ
ꯍ꯭ꯌꯨꯃꯤꯗꯤꯇꯤ ꯆꯥꯗ 90), 2) ꯑꯏꯪ ꯑꯁꯥꯒꯤ ꯆꯥꯡ
ꯗꯤꯒ꯭ꯔꯤ ꯁꯦꯜꯁꯤꯌꯁ 25 ꯗꯒꯤ 30 ꯐꯥꯎꯕ ꯂꯩꯕ,
3) ꯅꯣꯡ ꯌꯥꯝꯅ ꯆꯨꯝꯕ, 4) ꯅꯥꯏꯗꯇ꯭ꯔꯣꯖꯦꯟꯒꯤ ꯆꯥꯡ
ꯍꯦꯟꯅ ꯂꯧꯐꯝꯗ ꯆꯥꯏꯕ, 5) ꯃꯅꯤꯄꯨꯔꯗ ꯑꯁꯤꯟꯕ
ꯂꯧꯐꯝꯅ ꯅꯝꯕ (ꯀꯣꯛꯐꯥꯏ ꯁꯨꯖꯥ ꯑꯁꯤꯒꯤ SD_

ꯥꯏꯗꯒꯤ ꯆꯥꯅꯕꯗꯤ ꯄꯤ ꯑꯩꯆ 5 ꯅꯤ), 6) ꯑꯅꯧꯕ
ꯄꯣꯠꯊꯣꯛ ꯌꯥꯝꯅ ꯂꯩꯕ ꯐꯧ ꯃꯈꯜꯁꯤꯡꯁꯤꯅ ꯂꯥꯏꯅꯥ
ꯑꯁꯤꯗꯒꯤ ꯃꯁꯥ ꯉꯥꯛꯊꯣꯛꯆꯕ ꯉꯝꯂꯛꯇꯕ,
7) ꯂꯧꯕꯨꯛꯇ ꯅꯥꯄꯤ ꯌꯥꯝꯅ ꯂꯩꯕꯅ ꯂꯥꯏꯅꯥ ꯑꯁꯤ
ꯁꯟꯗꯣꯛꯄꯗ ꯃꯇꯦꯡ ꯄꯥꯡꯏ꯫

ꯀꯔꯝꯅ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ ꯂꯧꯕꯨꯛꯇ ꯍꯟꯅ ꯍꯟꯅ
ꯎꯔꯤꯕꯅꯣ: 1) ꯀꯣꯛꯐꯥꯏ ꯁꯨꯖꯥ ꯑꯁꯤꯅ ꯂꯧꯔꯤꯗ
ꯍꯧꯔꯤꯕ ꯅꯥꯄꯤꯁꯤꯡꯗ ꯍꯤꯡꯗꯨꯅ ꯂꯩ꯫ ꯀꯨꯝ ꯅꯠꯇꯕ
ꯃꯇꯝꯗ ꯂꯧꯔꯤꯗ ꯍꯧꯔꯤꯕ ꯅꯥꯄꯤꯁꯤꯡꯗꯨ ꯆꯕꯥꯛꯅꯅ
ꯉꯧꯅ ꯉꯧꯅ ꯂꯩꯕ ꯊꯦꯡꯅꯩ꯫ ꯃꯁꯤ ꯅꯥꯄꯤꯁꯤꯡꯗꯨꯗꯁꯨ
ꯁꯤꯠ ꯕ꯭ꯂꯥꯏꯠ ꯊꯣꯛꯍꯜꯂꯤꯕꯅꯤ꯫ ꯐꯧꯒꯤ ꯃꯇꯝ
ꯂꯥꯛꯂꯒ ꯐꯧꯗꯥ ꯑꯃꯨꯛ ꯂꯥꯛꯄ ZAT! 2)
ꯀꯣꯛꯐꯥꯏ ꯁꯨꯖꯥ ꯑꯁꯤꯅ ꯁ꯭ꯀꯦꯂꯔꯣꯁꯤꯌꯥ ꯑꯣꯏꯅ
ꯂꯩꯕꯥꯛꯇ ꯍꯤꯡꯗꯨꯅ ꯂꯩꯍꯧꯕ ZAT ꯑꯃꯁꯨꯡ
ꯆꯞꯆꯥꯕ ꯏꯁꯤꯡ ꯅꯨꯡꯁꯤꯠ ꯐꯪꯂꯕ ꯃꯇꯝꯗ ꯃꯇꯣꯟ
ꯊꯣꯔꯛꯏ꯫ ꯃꯇꯨꯡꯗ ꯄꯥꯛꯊꯣꯛ ꯆꯥꯎꯊꯣꯔꯛꯇꯨꯅ
(ꯁꯟꯗꯣꯔꯛꯇꯨꯅ) ꯐꯧ ꯄꯥꯝꯕꯤꯗ ꯌꯧꯔꯛꯏ꯫

ꯂꯥꯏꯅꯥ ꯑꯁꯤꯗꯒꯤ ꯀꯟꯅꯕ ꯄꯥꯝꯕꯩꯁꯤꯡ: 1)
ꯅꯥꯏꯇ꯭ꯔꯣꯖꯦꯟ ꯌꯥꯎꯕ ꯍꯥꯔ ꯆꯥꯏꯕ ꯍꯟꯊꯍꯟꯗꯨꯅ
ꯂꯥꯏꯅꯥ ꯇꯥꯕꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯍꯟꯕ ꯌꯥꯏ꯫

ꯅꯥꯏꯗ꯭ꯔꯣꯖꯦꯟ ꯇꯞꯅ ꯇꯞꯅ ꯊꯥꯗꯣꯛꯄ ꯉꯝꯕ
ꯍꯥꯔꯁꯤꯡ ꯁꯤꯖꯤꯟꯅꯕ ꯐꯩ꯫ 2) Hexaconazole

5% eGfDjx Propiconazole 25%

ꯃꯤꯂꯤꯂꯤꯇꯔ 15 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15 ꯈꯨꯗꯤꯡꯗ
ꯌꯥꯜꯂꯒ ꯃꯅꯥꯁꯤꯡ ꯑꯃꯁꯨꯡ ꯐꯧꯈꯣꯛ ꯆꯣꯠꯅꯕ
ꯀꯥꯞꯊꯣꯛꯀꯅꯤ꯫

ꯗꯥ: ꯑꯦꯝ FOTFOT ꯁꯤꯡꯍ
ꯑꯉꯟꯕ ꯀꯣꯕꯤꯂꯩ (ꯊꯝꯆꯦꯠ ꯃꯥꯟꯕꯤ) ꯊꯥꯕ
ꯑꯦꯁ ꯁꯨꯃꯪꯒꯜ ꯁꯤꯡꯍ
ꯑꯉꯟꯕ ꯀꯣꯕꯤꯂꯩ (ꯊꯝꯆꯦꯠ ꯃꯥꯟꯕꯤ) ꯊꯥꯕ
ꯑꯦꯁ ꯁꯨꯃꯪꯒꯜ ꯁꯤꯡꯍ
ꯀꯣꯕꯤꯂꯩ ꯑꯁꯤ ꯀꯣꯕꯤ ꯃꯈꯜꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯌꯥꯝꯅ ꯃꯔꯨꯑꯣꯏꯕ
ꯌꯦꯟꯖꯥꯡ ꯑꯃꯅꯤ꯫ ꯀꯣꯕꯤ ꯂꯩꯒꯤ ꯒ꯭ꯔꯥꯝ 100 ꯗ ꯌꯥꯎꯕ ꯆꯤꯟꯖꯥꯛꯀꯤ
ꯃꯜꯆ ꯈꯔꯗꯤ- ꯀꯥꯔꯕꯣꯍꯥꯏꯗ꯭ꯔꯦꯠ- ꯒ꯭ꯔꯥꯝ 4, ꯄ꯭ꯔꯣꯇꯤꯟ- ꯒ꯭ꯔꯥꯝ
2.6, ꯐꯦꯠ-0.4, ꯐꯥꯏꯕꯔ-ꯒ꯭ꯔꯥꯝ 1.2, ꯀꯦꯜꯁꯤꯌꯝ- ꯃꯤꯂꯤꯒ꯭ꯔꯥꯝ
33, ꯐꯣꯁꯐꯣꯔꯁ- ꯃꯤꯂꯤꯒ꯭ꯔꯥꯝ 57, ꯄꯣꯇꯥꯁꯤꯌꯝ- ꯃꯤꯂꯤꯒ꯭ꯔꯥꯝ
138, ꯁꯣꯗꯤꯌꯝ-ꯃꯤꯂꯤꯒ꯭ꯔꯥꯝ 53, ꯑꯥꯏꯔꯟ-ꯃꯤꯂꯤꯒ꯭ꯔꯥꯝ
1.5, ꯚꯤꯇꯥꯃꯤꯟ ꯑꯦ- ꯏꯟꯇꯔꯅꯦꯁꯅꯦꯜ ꯌꯨꯅꯤꯠ 51, ꯊꯥꯏꯃꯤꯟ
ꯃꯤꯂꯤꯒ꯭ꯔꯥꯝ -0.04, ꯔꯥꯏꯕꯣꯐ꯭ꯂꯦꯕꯤꯟ- ꯃꯤꯂꯤꯒ꯭ꯔꯥꯝ 0.01,
ꯅꯤꯀꯣꯇꯤꯟ ꯑꯦꯁꯤꯗ ꯃꯤꯂꯤꯒ꯭ꯔꯥꯝ 1, ꯚꯤꯇꯥꯃꯤꯟ ꯁꯤ ꯃꯤꯂꯤꯒ꯭ꯔꯥꯝ
56 ꯄꯟꯕ ꯌꯥꯏ꯫ ꯀꯣꯕꯤ ꯃꯈꯜ ꯑꯁꯤ ꯑꯏꯪꯕ ꯃꯇꯝꯗ ꯆꯥꯅꯕ
ꯑꯃꯁꯨꯡ ꯑꯁꯥꯕ ꯃꯇꯝꯗ ꯆꯥꯅꯕ ꯍꯥꯏꯅ ꯆꯥꯎꯔꯥꯛꯅ ꯃꯈꯜ ꯑꯅꯤ ꯂꯩ꯫

ꯊꯥꯕꯒꯤ ꯃꯇꯝ ꯈꯦꯟꯅꯕꯒꯤ ꯃꯇꯨꯡꯏꯟꯅ ꯃꯈꯜ ꯑꯍꯨꯝ ꯅꯠꯇ꯭ꯔꯒ
ꯃꯔꯤ ꯊꯣꯛꯅꯁꯨ ꯈꯥꯏꯗꯣꯛꯅꯩ꯫ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯑꯏꯪ ꯑꯁꯥꯒꯤ ꯐꯤꯚꯝꯗ
ꯃꯔꯨ ꯍꯨꯟꯕ ꯑꯃꯁꯨꯡ ꯂꯣꯛꯄ ꯌꯥꯕ ꯃꯇꯝꯒꯤ ꯃꯇꯨꯡꯏꯟꯅ ꯀꯣꯕꯤꯂꯩ
ꯑꯁꯤ ꯃꯈꯜ ꯑꯍꯨꯝ ꯊꯣꯛꯅ ꯈꯥꯏꯗꯣꯛꯄ ꯌꯥꯏ꯫

ꯑꯉꯟꯕ: ꯑꯦꯄ꯭ꯔꯤꯜ - ꯃꯦ- ꯖꯨꯂꯥꯏ-ꯑꯥꯒꯁꯠ; ꯃꯌꯥꯏ ꯑꯣꯏꯕ-

ꯖꯨꯂꯥꯏ- ꯑꯣꯒꯁꯠ- ꯁꯦꯞꯇꯦꯝꯕꯔ- ꯑꯣꯛꯇꯣꯕꯔꯔ; ꯑꯊꯦꯡꯕ:

ꯁꯦꯞꯇꯦꯝꯕꯔ- ꯑꯣꯛꯇꯣꯕꯔ ꯗꯤꯁꯦꯝꯕꯔ- ꯖꯅꯨꯋꯥꯔꯤ꯫

ꯑꯉꯟꯕꯗ ꯆꯥꯅꯕ ꯀꯣꯕꯤꯕꯨ ꯑꯊꯦꯡꯕꯗ ꯊꯥꯔꯕꯗꯤ ꯈꯨꯠꯂꯩ ꯊꯨꯅ ꯊꯥꯕꯒ
ꯂꯩ ꯀꯥꯗꯨꯅ ꯈꯨꯕꯤꯃꯨꯛꯇ ꯆꯥꯎꯕ ꯂꯩ ꯀꯥꯗꯨꯅ ꯇꯣꯛꯀꯅꯤ꯫ ꯑꯃꯔꯣꯝꯗ
ꯑꯃꯨꯛ ꯑꯊꯦꯡꯕꯗ ꯆꯥꯅꯕ ꯃꯈꯜ ꯑꯗꯨ ꯑꯉꯟꯕ ꯃꯇꯝꯗ ꯊꯥꯔꯕꯗꯤ
ꯃꯅꯥ ꯉꯥꯛꯇ ꯁꯨꯝ ꯄꯥꯟꯈꯠꯂꯛꯇꯨꯅ ꯑꯁꯨꯝ ꯑꯁꯨꯝ ꯋꯥꯡꯈꯠꯂꯛꯄꯒ
ꯂꯣꯏꯅꯅ ꯂꯧꯐꯝꯗ ꯃꯇꯝ ꯁꯥꯡꯅ ꯂꯩꯗꯨꯅ ꯂꯥꯏꯅꯥ-ꯇꯤꯟꯅꯥ ꯀꯌꯥ ꯑꯃ
ꯇꯥꯁꯤꯜꯂꯛꯄꯒꯤ ꯈꯨꯗꯣꯡꯊꯤꯕꯒ ꯂꯣꯏꯅꯅ ꯂꯩ ꯑꯗꯨ ꯖꯨꯒꯣꯠ ꯆꯥꯅ
ꯀꯥꯕ ꯉꯝꯗꯦ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯀꯣꯕꯤꯂꯩ ꯃꯈꯜ ꯃꯨꯟꯅ ꯈꯪꯕ ꯇꯉꯥꯏ
ꯐꯗꯦ꯫ ꯈꯪꯗꯅ ꯊꯥꯔꯨꯔꯕꯗꯤ ꯆꯥꯅꯗꯕ ꯃꯈꯜ ꯑꯣꯏꯔꯝꯗꯨꯅ ꯍꯣꯠꯖꯔꯨꯕ
ꯈꯨꯗꯤꯡꯃꯛ ꯑꯔꯦꯝꯕ ꯇꯥꯈꯤꯕ ꯌꯥꯏ꯫

ꯃꯈꯜ: ꯃꯅꯤꯄꯨꯔꯗ ꯆꯥꯅꯔꯕ ꯑꯉꯟꯕ ꯑꯦꯄ꯭ꯔꯤꯜ ꯇꯪꯈꯥꯏꯗꯒꯤꯅ
ꯃꯦ ꯇꯪꯈꯥꯏ ꯐꯥꯎꯕꯗ ꯃꯔꯨ ꯍꯨꯟꯕ ꯌꯥꯕ ꯀꯣꯕꯤꯂꯩ ꯈꯔꯗꯤ ꯍꯥꯏꯕ꯭ꯔꯤꯗꯇ
ꯑꯥꯔꯂꯤ ꯍꯃꯂꯥꯇꯥ, ꯑꯥꯔꯂꯤ ꯍꯤꯃꯥꯡꯒꯤꯅꯤ, ꯁ꯭ꯅꯣ ꯍꯥꯔꯠ, ꯁꯤꯒ꯭ꯔ,
ꯍ꯭ꯋꯥꯏꯠ ꯁꯨꯠ: ꯀꯝꯄꯣꯖꯤꯠ ꯑꯃꯁꯨꯡ ꯁꯤꯟꯊꯦꯊꯤꯛ ꯃꯈꯜꯒꯗ-

ꯑꯥꯔꯂꯤ ꯄꯇꯥꯅꯥ, ꯑꯥꯔꯂꯤ ꯏꯟꯗꯤꯌꯥ, ꯄꯨꯁꯥ ꯑꯥꯔꯂꯤ ꯄꯟꯕ ꯌꯥꯏ꯫

ꯆꯥꯔ ꯁꯦꯝꯕ: ꯅꯨꯡꯁꯤꯠ ꯅꯨꯡꯁꯥ ꯅꯤꯡꯊꯤꯅ ꯐꯪꯕ, ꯂꯩꯍꯥꯎ ꯆꯦꯟꯕ, ꯅꯣꯡ
ꯍꯦꯟꯅ ꯆꯨꯔꯕꯁꯨ ꯏꯁꯤꯡ ꯆꯦꯟꯊꯐꯝ ꯂꯩꯕ ꯃꯐꯝ ꯈꯟꯗꯨꯅ ꯆꯥꯔ ꯍꯨꯟꯐꯝ
ꯁꯦꯝꯒꯅꯤ꯫ ꯀꯣꯕꯤ ꯆꯥꯔ ꯍꯨꯟꯐꯝ ꯑꯗꯨ ꯅꯤꯡꯊꯤꯅ ꯈꯣꯏꯗꯣꯛꯇꯨꯅ
ꯅꯠꯇ꯭ꯔꯒ ꯇꯧꯊꯣꯛꯇꯨꯅ ꯅꯨꯡꯁꯥ ꯅꯤꯡꯊꯤꯅ ꯆꯥꯍꯟꯗꯨꯅ ꯃꯇꯝ ꯈꯔ ꯊꯝꯕ
ꯐꯩ꯫ ꯂꯩꯕꯥꯛ ꯌꯥꯝꯅ ꯀꯨꯞꯅ ꯊꯨꯒꯥꯏꯗꯨꯅ ꯐꯣꯂꯤ ꯌꯥꯝꯅ ꯇꯥꯍꯟꯗ꯭ꯔꯕꯁꯨ ꯌꯥꯏ꯫

ꯂꯩꯀꯨꯞ/ ꯐꯣꯂꯤ ꯇꯥꯅ ꯁꯦꯝꯕꯅ ꯏꯁꯤꯡ ꯆꯥꯏꯕꯗ ꯂꯩꯕꯥꯛ ꯐꯛꯆꯤꯟꯗꯨꯅ
ꯀꯣꯕꯤ ꯃꯔꯨ ꯃꯇꯣꯟ ꯊꯣꯛꯄꯗ ꯑꯄꯟꯕ ꯑꯣꯏꯍꯜꯂꯤ꯫

ꯐꯩꯗꯣꯝ ꯁꯦꯝꯕ: ꯐꯩꯗꯣꯝꯒꯤ ꯑꯄꯥꯛꯄꯁꯤ ꯅꯥꯀꯟ ꯑꯅꯤꯃꯛꯇꯒꯤ
ꯂꯥꯝꯕ ꯐꯪꯅꯕ ꯃꯤꯇꯔ ꯑꯃ ꯄꯥꯛꯍꯟꯕꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯏ꯫

ꯁꯥꯡꯕꯗꯤ ꯐꯪꯂꯤꯕ ꯂꯝ ꯅꯠꯇ꯭ꯔꯒ ꯃꯔꯨ ꯀꯌꯥ ꯌꯥꯝꯅ ꯍꯨꯟꯒꯅꯤ
ꯍꯥꯏꯕꯗꯨꯒꯤ ꯃꯈꯥ ꯄꯣꯜꯂꯤ꯫ ꯐꯩꯗꯣꯝꯒꯤ ꯑꯋꯥꯡꯕꯗꯤ ꯏꯟꯆꯤ ꯇꯔꯨꯛ
ꯋꯥꯡꯕꯅ ꯀ꯭ꯋꯥꯏꯗꯒꯤ ꯐꯩ꯫ ꯃꯔꯨ ꯒ꯭ꯔꯥꯝ 10 ꯅ ꯍꯨꯟꯕ ꯐꯩꯗꯣꯝꯗ (ꯁ꯭ꯀ꯭ꯋ
ꯥꯔ ꯃꯤꯇꯔ 1
ꯒ 7) ꯅꯤꯡꯊꯤꯅ ꯄꯥꯊꯔꯕ ꯃꯅꯝ ꯅꯝꯊꯤꯗ꯭ꯔꯕ ꯁꯟꯊꯤ
ꯁꯟꯌꯨꯡꯒꯤ ꯍꯥꯔ ꯅꯠꯇ꯭ꯔꯒ ꯚꯔꯃꯤꯀꯝꯄꯣꯁꯠ ꯀꯤꯂꯣ 10-15,
ꯃꯔꯨ ꯍꯨꯟꯗ꯭ꯔꯤꯉꯩ ꯇꯔꯥꯅꯤꯃꯨꯛ ꯋꯥꯠꯂꯤꯉꯩꯗ ꯅꯤꯡꯊꯤꯅ ꯂꯩꯕꯥꯛꯇ
ꯇꯣꯠꯍꯧꯔꯕꯗꯤ ꯑꯇꯣꯞꯄ ꯔꯁꯌꯥꯟꯒꯤ ꯍꯥꯔ ꯍꯥꯞꯇ꯭ꯔꯕꯁꯨ ꯌꯥꯔꯦ꯫

ꯃꯁꯤꯗꯁꯨ ꯄꯥꯝꯕꯤꯅ ꯆꯥꯎꯗꯝ ꯊꯤꯟꯕ ꯇꯥꯔꯕꯗꯤ ꯌꯨꯔꯤꯌꯥ ꯁꯔꯨꯛ
ꯇꯔꯨꯛ, ꯗꯥꯏꯃꯣ ꯁꯔꯨꯛ ꯑꯍꯨꯝ, ꯄꯣꯇꯥꯁ ꯁꯔꯨꯛ ꯃꯔꯤ ꯌꯥꯟꯟꯔꯒ
ꯏꯁꯤꯡ ꯂꯤꯇꯔ ꯇꯔꯥꯗ ꯒ꯭ꯔꯥꯝ ꯆꯥꯝꯃ ꯌꯥꯜꯂꯒ ꯆꯥꯡ ꯃꯥꯟꯅꯅ ꯆꯥꯏꯔꯕ
ꯃꯇꯨꯡꯗ ꯏꯁꯤꯡ ꯄꯣꯞꯅꯕ ꯑꯃꯨꯛꯇꯪ ꯆꯥꯏꯕꯤꯕ ꯀꯥꯟꯅꯒꯅꯤ꯫

ꯃꯔꯨꯒꯤ ꯆꯥꯡ: ꯃꯤꯇꯔ 1 ꯄꯥꯛꯄ ꯇꯔꯦꯠꯃꯨꯛ ꯁꯥꯡꯕ ꯐꯩꯗꯣꯝ ꯑꯃꯗ
ꯃꯔꯨ ꯒ꯭ꯔꯥꯝ ꯇꯔꯥ ꯍꯨꯟꯕꯗ ꯆꯞ ꯆꯥꯅ ꯀꯣꯟꯅꯒꯅꯤ꯫ ꯑꯌꯥꯝꯕ
ꯀꯣꯕꯤꯂꯩ ꯃꯈꯜꯁꯤꯡꯒꯤꯗꯃꯛ ꯃꯔꯨ ꯒ꯭ꯔꯥꯝ ꯇꯔꯥꯅ ꯍꯨꯟꯕ ꯃꯇꯝꯗ
ꯄꯥꯝꯕꯤ ꯂꯤꯁꯤꯡ ꯑꯃꯒ ꯆꯥꯝꯉꯥꯗꯒꯤ ꯑꯅꯤ ꯐꯥꯎꯕ ꯐꯪꯕ ꯉꯝꯃꯤ꯫

KZA ꯑꯃꯗ ꯄꯥꯝꯕꯤ ꯂꯤꯁꯥꯤꯡ ꯃꯉꯥ ꯊꯥꯕ ꯌꯥꯏ꯫ KZA ꯑꯃ ꯊꯥꯒꯦ
ꯍꯥꯏꯔꯕꯗꯤ ꯒ꯭ꯔꯥꯝ ꯌꯥꯡꯈꯩ ꯍꯨꯝꯐꯨ ꯆꯪꯒꯅꯤ꯫

ꯃꯔꯨꯗ ꯍꯤꯗꯥꯛ ꯇꯣꯠꯄ: ꯕꯥꯏꯑꯣꯒꯤ ꯑꯣꯏꯕ ꯍꯤꯗꯥꯛ
ꯁꯤꯖꯤꯟꯅꯕꯤꯒꯦ ꯍꯥꯏꯔꯕꯗꯤ ꯁꯛꯇꯤ ꯑꯦ ꯖꯤ, ꯇ꯭ꯔꯥꯏꯀꯣ ꯑꯦꯛꯁ
ꯄꯤ, ꯁꯤꯗꯒꯥꯔꯗꯅꯆꯤꯡꯕ ꯁꯤꯖꯤꯟꯅꯕ ꯌꯥꯏ꯫ ꯍꯤꯗꯥꯛ ꯃꯐꯣꯜꯁꯤꯡ
ꯑꯁꯤꯗꯒꯤ ꯑꯃꯍꯦꯛꯇ ꯂꯧꯔꯒ ꯃꯔꯨ ꯀꯤꯂꯣ 1ꯒꯤ ꯆꯥꯡꯗ ꯍꯤꯗꯥꯛ
ꯒ꯭ꯔꯥꯝ 10ꯏꯁꯤꯡ ꯈꯔ ꯆꯣꯠꯠꯂꯒ ꯇꯣꯠꯠꯂꯒ ꯎꯔꯨꯝꯗ ꯀꯪꯍꯜꯂꯕ
ꯃꯇꯨꯡꯗ ꯍꯨꯟꯕ ꯌꯥꯔꯦ꯫ ꯔꯁꯌꯥꯟꯒꯤ ꯍꯤꯗꯥꯛ ꯑꯣꯏꯔꯒꯅ ꯁꯥꯐ,
ꯀꯥꯞꯇꯥꯟ ꯀꯥꯔꯕꯦꯟꯗꯥꯖꯤꯝ ꯁꯤꯖꯤꯟꯅꯕ ꯌꯥꯏ꯫ ꯕꯥꯏꯑꯣꯒ ꯔꯁꯌꯥꯟꯒ
ꯑꯅꯤ ꯄꯨꯟꯅ ꯁꯤꯖꯤꯟꯅꯕ ꯌꯥꯗꯦ꯫ ꯔꯁꯌꯥꯟꯒꯤ ꯍꯤꯗꯥꯛ ꯁꯤꯖꯤꯅꯕꯒꯤ
ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯂꯥꯏꯕ ꯃꯑꯣꯡꯗꯤ ꯆꯥꯔ ꯍꯧꯅꯅꯕ ꯏꯁꯤꯡ ꯆꯥꯏꯕꯗ
ꯍꯤꯗꯥꯛ ꯌꯥꯜꯂꯒ ꯆꯥꯕꯁꯤꯅꯤ꯫ ꯃꯃꯥꯡꯗ ꯊꯝꯖꯈꯤꯕ ꯃꯤꯇꯔ ꯑꯃ
ꯄꯥꯛꯄ ꯃꯤꯇꯔ ꯇꯔꯦꯠ ꯁꯥꯡꯕ ꯐꯩꯗꯣꯝꯗꯨꯃꯗ ꯃꯔꯨ ꯍꯨꯜꯂꯕ ꯃꯇꯨꯡꯗ
ꯏꯁꯤꯡ ꯆꯥꯏꯕꯗ ꯂꯤꯇꯔ ꯅꯤꯄꯥꯟꯃꯨꯛ ꯆꯟꯕ ꯏꯁꯤꯡ ꯄꯦꯔꯦ ꯑꯃꯗ
ꯅꯨꯃꯤꯠꯠꯂꯩ ꯌꯦꯛꯄ ꯃꯩꯈꯦꯠ ꯎꯄꯨ ꯃꯔꯩ ꯑꯆꯣꯟꯕ ꯑꯃ ꯌꯥꯟꯗꯨꯅ
ꯅꯤꯡꯊꯤꯅ ꯑꯣꯠꯈꯥꯏꯔꯒ ꯐꯩꯗꯣꯝꯗꯨꯃ ꯆꯥꯡ ꯃꯥꯟꯅ ꯆꯥꯏꯔꯕ ꯃꯇꯨꯡꯗ
ꯑꯋꯥꯠꯄ ꯏꯁꯤꯡꯅ ꯍꯤꯗꯥꯛ ꯌꯥꯎꯗꯅ ꯄꯣꯞꯅ ꯆꯥꯏꯕꯤꯔꯕꯗꯤ ꯃꯈ꯭ꯋ
ꯥꯡ ꯄꯠꯄꯤ ꯂꯥꯏꯅꯥꯗꯒꯤ ꯌꯥꯝꯅ ꯂꯥꯏꯅ ꯉꯥꯛꯊꯣꯛꯄ ꯉꯝꯒꯅꯤ꯫

ꯃꯔꯨ ꯍꯨꯟꯕ: ꯅꯤꯡꯊꯤꯅ ꯁꯦꯝꯂꯕ ꯐꯩꯗꯣꯝꯗ ꯏꯟꯆꯤ ꯃꯔꯤ ꯃꯔꯤ
ꯂꯥꯞꯅꯅ ꯃꯆꯤꯟ ꯇꯨꯝꯕ ꯆꯩ ꯑꯃꯅ ꯂꯩꯕꯥꯛꯇꯨ ꯌꯥꯠꯇꯨꯅ ꯁꯦꯝꯁꯤ꯫

ꯑꯁꯨꯝꯅ ꯌꯥꯠꯂꯕ ꯄꯔꯦꯡꯁꯤꯡꯗ ꯆꯥꯎꯔꯥꯛꯅ ꯏꯟꯆꯤ ꯑꯃ
ꯃꯈꯥꯏꯗꯒꯤ ꯑꯅꯤ ꯐꯥꯎꯕ ꯂꯥꯞꯅꯅ ꯃꯔꯨꯁꯤꯡ ꯍꯨꯟꯁꯤ꯫ ꯃꯔꯨ ꯍꯨꯜꯂꯕ
ꯃꯇꯨꯡꯗ ꯃꯔꯨꯁꯤꯡ ꯑꯗꯨ ꯎꯗꯅꯕ ꯃꯔꯨ ꯍꯨꯜꯂꯤꯕ ꯑꯀꯨꯠꯠꯄ
ꯄꯔꯦꯡꯗꯨꯒꯤ ꯅꯥꯀꯟꯗꯒꯤ ꯂꯩꯕꯥꯛꯅ ꯈꯨꯠꯁꯥꯒꯤ ꯈꯨꯠꯇꯣꯟꯁꯤꯡ
ꯁꯤꯖꯤꯟꯅꯗꯨꯅ ꯈꯔ ꯈꯔ ꯀꯨꯞꯁꯤꯟꯁꯤ꯫ ꯑꯁꯨꯝꯅ ꯀꯨꯞꯂꯕ
ꯃꯇꯨꯡꯗ ꯄꯦꯔꯦꯅ ꯅꯦꯝꯇꯛꯅ ꯏꯁꯤꯡ ꯆꯥꯏꯕꯤꯒꯅꯤ꯫ ꯏꯁꯤꯡ
ꯄꯣꯞꯅ ꯆꯥꯏꯔꯕ ꯃꯇꯨꯡꯗ ꯂꯤꯃꯣꯟꯒꯤ ꯕꯣꯔꯥ, ꯆꯔꯨ ꯅꯠꯇ꯭ꯔꯒ ꯏꯅ
ꯀꯨꯞꯄꯤꯒꯅꯤ꯫ ꯅꯨꯃꯤꯠ ꯍꯨꯝꯅꯤ ꯁꯨꯕꯗ ꯃꯆꯤ ꯑꯃꯗ ꯍꯥꯏꯗꯣꯛꯇꯨꯅ
ꯌꯦꯡꯕꯗ ꯃꯇꯣꯟ ꯊꯤꯟꯒꯠꯄ ꯎꯔꯕꯗꯤ ꯅꯨꯤꯗꯥꯡꯋꯥꯏꯔꯝꯗ ꯀꯨꯞꯂꯤꯕ
ꯄꯣꯠ ꯑꯗꯨ ꯂꯧꯊꯣꯛꯄꯤꯕ ꯌꯥꯔꯦ꯫ ꯍꯧꯕ ꯈꯔ ꯋꯥꯠꯂꯒꯅ ꯃꯊꯪꯒꯤ
ꯅꯨꯃꯤꯠꯇ ꯍꯥꯏꯗꯣꯛꯁꯤ꯫ ꯆꯥꯔ ꯍꯧꯔꯕ ꯃꯇꯨꯡꯗ ꯑꯀꯟꯕ ꯅꯣꯡ
ꯑꯃꯁꯨꯡ ꯅꯨꯡꯁꯥꯅꯅ ꯃꯥꯡꯍꯟꯗꯅꯕ ꯐꯨꯠ 31/ 2-4 ꯋꯥꯡꯅ ꯈꯟꯗꯨꯅ
ꯍꯥꯏꯗꯣꯛ ꯍꯥꯏꯖꯤꯟ ꯌꯥꯅꯕ ꯁꯦꯝꯕꯤꯒꯅꯤ꯫

ꯊꯥꯐꯝ ꯁꯦꯝꯕ: ꯅꯣꯡꯖꯨꯊꯥ ꯑꯣꯏꯕ ꯃꯔꯝꯅ ꯐꯩꯗꯣꯝ ꯄꯥꯛꯅ ꯁꯦꯝꯕ
ꯐꯠꯇꯦ꯫ ꯄꯔꯦꯡ ꯑꯅꯤ ꯊꯥꯅꯕ ꯁꯦꯝꯕꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯐꯩ꯫ ꯐꯩꯗꯣꯝ
ꯈꯔ ꯋꯥꯡꯅ ꯇꯥꯈꯠꯇꯨꯅ ꯁꯦꯝꯕꯤꯌꯨ꯫ ꯐꯩꯗꯣꯝꯒꯤ ꯑꯄꯥꯛꯄꯅ ꯐꯨꯠ
3 ꯑꯗꯨꯒ ꯑꯁꯥꯡꯕꯅ ꯂꯝꯒꯤ ꯄꯥꯛ ꯆꯥꯎꯕꯒꯤ ꯃꯈꯥ ꯄꯣꯟꯒꯅꯤ꯫

ꯐꯩꯗꯣꯝꯁꯤꯡꯒꯤ ꯃꯔꯛꯇ ꯐꯨꯠ 11/2 ꯒꯤ ꯏꯔꯝ ꯊꯝꯕꯤꯌꯨ꯫

ꯑꯔꯟ ꯑꯀꯨꯡ: ꯄꯔꯦꯡꯒ ꯄꯔꯦꯡꯒ ꯐꯨꯠ ꯑꯃ ꯃꯈꯥꯏ ꯄꯔꯦꯡꯒꯤ
ꯃꯅꯨꯡꯗ ꯄꯥꯝꯕꯤꯒ ꯄꯥꯝꯕꯤꯒ ꯐꯨꯠ ꯑꯃ ꯃꯈꯥꯏꯗꯒꯤ ꯑꯅꯤ ꯂꯥꯞꯅꯅ
ꯊꯥꯕꯤꯌꯨ꯫

ꯍꯥꯔ ꯍꯥꯞꯄ: ꯍꯦꯛ ꯊꯥꯕꯒ ꯏꯁꯤꯡ ꯆꯥꯏꯕ ꯃꯇꯝꯗ ꯏꯁꯤꯡ ꯂꯤꯇꯔ
1ꯗ ꯒ꯭ꯔꯥꯝ 10ꯒꯤ ꯆꯥꯡꯗ ꯌꯨꯔꯤꯌꯥ ꯌꯥꯜꯂꯒ ꯆꯥꯏꯔꯕꯗꯤ ꯈꯨꯠꯂꯣꯟꯕ
ꯊꯨꯒꯅꯤ꯫ ꯃꯇꯨꯡ ꯇꯥꯔꯛꯄꯗ ꯈꯨꯠꯂꯣꯟꯕ ꯃꯇꯨꯡꯗ ꯃꯈꯣꯡ
ꯁꯣꯝꯗꯣꯛꯄꯤꯔꯒ ꯃꯈꯣꯡꯒꯤ ꯑꯀꯣꯏꯕ ꯃꯔꯥ ꯁꯣꯛꯍꯟꯗꯅ ꯍꯥꯔ
ꯍꯥꯞꯄꯤꯒꯅꯤ꯫ ꯆꯥꯗꯤ, ꯄꯥꯇ꯭ꯔ ꯑꯃꯗ ꯑꯣꯜꯂꯒ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯁꯔꯨꯛ
6: ꯗꯤ-ꯑꯦꯃꯣꯅꯤꯌꯝ ꯐꯣꯁꯐꯦꯠꯀꯤ ꯁꯔꯨꯛ 3: ꯃ꯭ꯌꯨꯔꯤꯑꯦꯠ ꯑꯣꯐ
ꯄꯣꯇꯥꯁꯀꯤ ꯁꯔꯨꯛ 4ꯒꯤ ꯆꯥꯡꯗ ꯅꯤꯡꯊꯤꯅ ꯌꯥꯟꯁꯤꯟꯅꯔꯒ ꯄꯥꯝꯕꯤ
ꯑꯃꯗ ꯒ꯭ꯔꯥꯝ 10-12 ꯒꯤ ꯆꯥꯡꯗ ꯍꯥꯞꯄꯤꯌꯨ꯫ ꯍꯥꯔ ꯍꯥꯞꯂꯕ ꯃꯇꯨꯡꯗ
ꯅꯣꯡ ꯆꯨꯗ꯭ꯔꯕꯗꯤ ꯏꯁꯤꯡ ꯄꯥꯔꯞꯅ ꯆꯟꯁꯤꯟꯕꯤꯌꯨ꯫

ꯂꯥꯏꯅꯥ ꯇꯤꯟꯅꯥ: ꯀꯣꯕꯤꯂꯩ ꯑꯉꯟꯕꯗ ꯂꯥꯏꯅꯥ ꯇꯤꯟꯅꯥ ꯈꯔ ꯇꯥꯒꯜꯂꯤ꯫

ꯇꯥꯒꯟꯕ ꯇꯤꯟꯅꯥꯁꯤꯡꯗꯤ ꯄꯨꯛꯁ꯭ꯔꯤ ꯍꯥꯏꯅ ꯈꯪꯅꯕ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯅꯥ
ꯑꯃꯗꯤ ꯃꯌꯣꯟ ꯆꯥꯕ ꯇꯤꯟ ꯃꯈꯜ ꯑꯃ, ꯑꯁꯥꯡꯕ ꯃꯅꯥꯗ ꯃꯍꯨꯠ
ꯃꯍꯨꯠ ꯍꯨꯠꯇꯨꯅ ꯆꯥꯕ ꯗꯥꯏꯃꯟ ꯕꯦꯛ ꯃꯨꯊ ꯍꯥꯏꯅ ꯈꯪꯅꯕ ꯌꯥꯝꯅ ꯁꯥꯊꯤꯕ
ꯇꯤꯟ ꯑꯃꯒ, ꯁꯨꯠ ꯕꯣꯔꯔ ꯍꯥꯏꯅ ꯈꯪꯅꯕ ꯃꯌꯣꯟꯗ ꯃꯤꯔꯥꯡꯅ \

ꯣꯝꯂꯒ ꯃꯌꯣꯟ ꯃꯅꯨꯡꯗ ꯍꯨꯠꯇꯨꯅ ꯆꯥꯔꯒ ꯃꯌꯣꯟ ꯌꯥꯎꯍꯟꯗꯅ
ꯄꯥꯝꯕꯤꯗꯨ ꯃꯥꯡꯍꯟꯕ ꯇꯤꯟ ꯃꯈꯜ ꯑꯃꯒ ꯃꯈꯣꯏꯁꯤꯡ ꯑꯁꯤꯅꯤ꯫

ꯃꯈꯣꯏ ꯑꯍꯨꯝꯃꯛ ꯑꯁꯤ ꯃꯥꯏꯀꯣꯖꯥꯜ ꯍꯥꯏꯅ ꯈꯪꯅꯕ ꯀꯣꯛꯐꯥꯏ ꯁꯨꯖꯥꯅ
ꯁꯥꯕ ꯍꯤꯗꯥꯛ ꯃꯈꯜ ꯑꯃꯅ ꯏꯁꯤꯡ ꯂꯤꯇꯔ ꯑꯃꯗ ꯃꯤꯂꯤ, ꯑꯅꯤꯒꯤ
ꯆꯥꯡꯗ ꯌꯥꯜꯂꯒ ꯅꯨꯃꯤꯗꯥꯡꯋꯥꯏꯔꯝꯗ ꯑꯅꯤꯔꯛ ꯅꯨꯃꯤꯠ ꯃꯔꯤꯅꯤ
ꯀꯥꯟꯅꯔꯒ, ꯃꯅꯥ ꯆꯣꯠꯅꯕ ꯀꯥꯞꯊꯣꯛꯄꯗ ꯁꯣꯏꯗꯅ ꯐꯒꯅꯤ꯫

ꯅꯠꯇ꯭ꯔꯒ ꯕꯥꯕꯥ ꯍꯥꯏꯔꯤꯕ ꯍꯤꯗꯥꯛ ꯑꯁꯤ ꯃꯤꯂꯤ 1 ꯏꯁꯤꯡ ꯂꯤꯇꯔ
ꯑꯃꯗ ꯌꯥꯜꯂꯒ ꯀꯥꯞꯁꯤ꯫

ꯂꯥꯏꯅꯥꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯗꯥꯎꯅꯤ ꯃꯤꯜꯗꯤꯎ, KOW ꯔꯣꯠ ꯑꯃꯗꯤ
ꯕ꯭ꯂꯦꯛ ꯔꯣꯠ ꯄꯟꯕ ꯌꯥꯏ꯫ ꯗꯥꯎꯅꯤ ꯃꯤꯜꯗꯤꯎꯒꯤꯗꯃꯛꯇꯤ
ꯍꯦꯛꯁꯥꯀꯣꯅꯥꯖꯣꯜ ꯏꯁꯤꯡ ꯂꯤꯇꯔ ꯑꯃꯗ ꯃꯤꯂꯤꯒ꯭ꯔꯥꯝ 1ꯒꯤ ꯆꯥꯡꯗ
ꯌꯥꯜꯂꯒ ꯃꯅꯥ ꯆꯣꯠꯅꯕ ꯀꯥꯞꯊꯣꯛꯄꯤꯌꯨ꯫ KOWG ꯔꯣꯠ ꯑꯃꯗꯤ
ꯕ꯭ꯂꯦ ꯔꯣꯠꯀꯤꯗꯃꯛꯇꯤ ꯕꯦꯛꯇꯔꯤꯅꯥꯁꯛ ꯑꯃꯁꯨꯡ ꯃꯦꯡꯀꯣꯖꯦꯕ
ꯃꯊꯪꯁꯤꯠꯅ ꯒ꯭ꯔꯥꯝ 5 ꯑꯃꯁꯨꯡ ꯒ꯭ꯔꯥꯝ 30 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15 ꯗ \

ꯥꯜꯂꯒ ꯀꯥꯞꯊꯣꯛꯄ ꯀꯥꯟꯅꯒꯅꯤ꯫

ꯃꯊꯛꯇ ꯊꯝꯖꯔꯤꯕ ꯈꯔ ꯑꯁꯤ ꯆꯦꯛꯁꯤꯟꯅ ꯍꯣꯠꯅꯔꯕꯗꯤ
ꯀꯣꯕꯤꯂꯩ ꯑꯉꯟꯕ ꯊꯥꯕꯗ ꯁꯦꯟꯗꯣꯡ ꯅꯤꯡꯊꯤꯅ ꯂꯩꯒꯅꯤ ꯈꯜꯂꯤ꯫
Stem rot Sclerotium oryzae. Sheath blight Rhizoctonia solani.