ꯂꯧꯎꯁꯤꯡꯎꯒꯤ ꯀꯥꯈꯜ IMPHAL, MONDAY, NOVEMBER 06, 2017 ꯅꯤꯡꯊꯧꯀꯥꯕ, ꯍꯤꯌꯥꯡꯒꯩꯒꯤ 18 ꯅꯤ ꯄꯥꯟꯕ, ꯃꯥꯂꯤꯌꯥ ꯀꯨꯝꯁꯤꯡ 3415 ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ
2 HUEIYEN LANPAO

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ

...ꯑꯦꯗꯤꯇꯔꯗ ꯊꯥꯔꯛꯄ ꯆꯤꯊꯤ...

ꯏꯀꯥꯏ ꯈꯨꯝꯅꯖꯔꯕ ꯑꯦꯗꯤꯇꯔ,
ꯃꯥꯡꯂꯝꯆꯠꯇ ꯏꯅꯤꯡꯊꯧ
ꯆꯟꯗ꯭ꯔꯀ꯭ꯔꯤꯇꯤꯒꯤ ꯃꯇꯝꯗ ꯀꯣꯍꯤꯃꯥ
ꯐꯥꯎꯕꯗ ꯃꯖꯅꯤꯄꯨꯔꯒꯤ ꯂꯝ ꯑꯣꯏꯔꯝꯈꯤ꯫

ꯀꯣꯍꯤꯃꯥꯗ ꯃꯅꯤꯄꯨꯔ ꯉꯝꯈꯩꯒꯤ ꯖꯅꯨꯡꯕꯤ \

ꯨꯡꯂꯝꯈꯤ ꯫ ꯃꯗꯨ ꯃꯈꯣꯏꯅ ꯃꯥꯡꯍꯟꯈꯤꯕꯅꯤ
꯫ ꯑꯪꯒ꯭ꯔꯦꯖꯁꯤꯡꯕꯨ ꯑꯪꯒꯥꯃꯤ ꯅꯥꯒꯥꯁꯤꯡꯅ
ꯐꯥꯖꯤꯟꯗꯨꯅ ꯊꯝꯂꯕꯗ ꯏꯪꯂꯦꯟꯒꯤ ꯃꯍꯥꯔꯥꯅꯤꯅ
ꯏꯅꯤꯡꯊꯧ ꯆꯟꯗ꯭ꯔꯀ꯭ꯔꯤꯇꯤꯗ ꯇꯦꯂꯤꯒ꯭ꯔꯥꯝ
ꯇꯧꯗꯨꯅ ꯀꯟꯕꯤꯅꯕ ꯍꯥꯏꯖꯔꯛꯈ꯭ꯔꯕꯗ
ꯆꯟꯗ꯭ꯔꯀ꯭ꯔꯤꯇꯤ ꯅꯤꯡꯊꯧꯅ ꯃꯆꯥ ꯏꯕꯨꯡꯉꯣ
ꯁꯨꯔꯆꯟꯗ꯭ꯔ ꯑꯃꯗꯤ ꯇꯤꯀꯦꯟꯗ꯭ꯔꯖꯤꯠ
ꯑꯅꯤꯅ ꯂꯨꯆꯤꯡꯗꯨꯅ ꯂꯥꯟꯃꯤ ꯇꯦꯍꯒꯣꯜ ꯄꯨꯗꯨꯅ
ꯏꯪꯒ꯭ꯔꯦꯖꯁꯤꯡꯕꯨ ꯀꯟꯕꯤꯈꯤꯕꯒ ꯂꯣꯏꯅꯅ
ꯃꯐꯝ ꯑꯗꯨ ꯐꯥꯎꯕ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯉꯝꯈꯩꯅꯤ
ꯇꯥꯛꯂꯝꯈꯤ꯫ ꯃꯇꯨꯡ ꯇꯥꯕꯗ ꯑꯪꯒ꯭ꯔꯦꯖꯁꯤꯡꯅ
ꯃꯅꯤꯄꯨꯔꯕꯨ ꯈꯨꯗꯨꯝ ꯆꯟꯈꯤꯗꯨꯅ ꯆꯔꯥꯏ ꯅꯥꯒꯥ,
ꯊꯥꯡꯒꯥꯜ ꯖꯦꯅꯔꯦꯜ ꯑꯃꯗꯤ ꯇꯤꯀꯦꯟꯗ꯭ꯔꯖꯤꯠꯄꯨ
ꯐꯥꯔꯁꯤ ꯇꯧꯗꯨꯅ ꯍꯥꯠꯅꯕ ꯊꯧꯔꯥꯡ ꯇꯧꯔꯒ
ꯃꯅꯤꯄꯨꯔꯗ ꯄꯣꯂꯤꯇꯤꯀꯦꯜ ꯑꯦꯖꯦꯟꯠ ꯑꯣꯏꯅ
ꯂꯩꯕ ꯃꯤꯁꯦꯁ
ꯒ꯭ꯔꯤꯝꯋꯨꯗꯅ ꯏꯪꯂꯦꯟꯗꯒꯤ ꯃꯍꯥꯔꯥꯅꯤꯗ
ꯃꯥꯡꯂꯝꯆꯠꯇ ꯇꯤꯀꯦꯟꯗ꯭ꯔꯖꯤꯠꯅ
ꯑꯪꯒꯥꯃꯤ ꯅꯥꯒꯥꯁꯤꯡꯒꯤ ꯃꯈꯨꯠꯇꯒꯤ
ꯏꯪꯒ꯭ꯔꯦꯖ ꯂꯥꯟꯃꯤꯁꯤꯡꯕꯨ ꯀꯟꯕꯤꯈꯤꯕꯒꯤ
ꯋꯥꯔꯤ ꯂꯤꯗꯨꯅ ꯇꯤꯀꯦꯟꯗ꯭ꯔꯖꯤꯠꯄꯨ ꯐꯥꯔꯁꯤ
ꯇꯧꯗꯅꯕ ꯍꯥꯏꯖꯔꯨꯕꯗ ꯕꯤꯂꯥꯠꯀꯤ ꯃꯍꯥꯔꯥꯅꯤꯅ
ꯇꯤꯀꯦꯟꯗ꯭ꯔꯖꯤꯠꯀꯤ ꯐꯥꯔꯁꯤ ꯇꯧꯕ ꯌꯥꯗꯦ ꯍꯥꯏꯅ
ꯇꯦꯂꯤꯒ꯭ꯔꯥꯝ ꯇꯧꯔꯛꯂꯕꯗ ꯃꯈꯣꯏ ꯃꯁꯦꯜ
ꯂꯧꯇꯨꯅꯗꯨꯅ ꯇꯦꯂꯤꯒ꯭ꯔꯥꯝ ꯑꯣꯐꯤꯁꯥꯔꯅ ꯄꯥꯎ ꯑꯗꯨ
ꯂꯣꯠꯁꯤꯟꯗꯨꯅ ꯊꯝꯈꯤꯕꯅ ꯆꯤꯔꯥꯏ ꯅꯥꯒꯥ, ꯊꯥꯡꯒꯥꯜ
ꯖꯦꯅꯔꯦꯜ ꯑꯃꯗꯤ ꯇꯤꯀꯦꯟꯗ꯭ꯔꯖꯤꯠꯄꯨ ꯐꯥꯔꯁꯤ
ꯇꯧꯗꯨꯅ ꯍꯥꯠꯈꯤꯕꯅꯤ ꯫

ꯊꯝꯖꯔꯤꯕ ꯋꯥꯐꯝꯗꯤ ꯍꯧꯖꯤꯛ ꯃꯅꯤꯄꯨꯔ
ꯏꯟꯗꯤꯌꯥꯗ ꯇꯤꯜꯂꯦ ꯑꯗꯨꯕꯨ ꯃꯅꯤꯄꯨꯔꯒꯤ
ꯐꯤꯂꯤꯡ ꯑꯃꯗꯤ ꯂꯤꯡꯖꯦꯜ ꯈꯪꯕꯅ ꯆꯤꯡꯅꯕꯣꯏ
ꯀꯔꯤꯕꯣꯏ ꯆꯤꯡꯃꯤ ꯇꯝꯃꯤ ꯑꯅꯤꯒꯤ ꯃꯔꯛꯇ
ꯏꯪꯂꯤꯁꯁꯤꯡꯗꯒꯤ ꯄꯥꯔꯥ ꯐꯥꯍꯧꯕ ‘ꯗꯤꯚꯥꯏꯗ
ꯑꯦꯟꯗ ꯔꯨꯜ ꯄꯣꯂꯤꯁꯤ’ ꯑꯗꯨ ꯁꯥꯟꯅꯔꯤ꯫

ꯃꯁꯤꯗ ꯑꯃꯨꯛꯀꯁꯨ ꯄꯦꯟꯗ꯭ꯔꯗꯨꯅ ꯆꯤꯡꯃꯤ
ꯃꯔꯛꯇꯁꯨ, ꯅꯥꯒꯥ-ꯀꯨꯀꯤ ꯑꯅꯤꯒꯤ ꯃꯔꯛꯇꯁꯨ
ꯄꯣꯂꯤꯁꯤ ꯑꯁꯤ ꯁꯥꯟꯅꯔꯤ ꯫ ꯁꯝꯅ
ꯍꯥꯏꯖꯔꯕꯗ ꯇꯦꯡꯒꯣꯜ ꯑꯍꯨꯝꯒꯤ ꯄꯣꯂꯤꯁꯤ
ꯁꯥꯟꯅꯔꯤ ꯫ ꯙꯄꯥ ꯏꯄꯨꯁꯤꯡꯅ ꯇꯥꯛꯄꯤꯔꯝꯈꯤ-

ꯇꯦꯡꯒꯣꯜ ꯑꯍꯨꯝ ꯊꯣꯛꯂꯛꯈꯤꯅꯤ꯫ ꯃ꯭ꯔꯤꯇꯨ
ꯂꯝꯖꯥꯎꯗ ꯂꯥꯟ ꯁꯣꯛꯅꯔꯈꯤꯅꯤ- ꯃ꯭ꯔꯤꯇꯨ
ꯂꯝꯖꯥꯎ ꯍꯥꯏꯕꯗꯤ ꯃꯣꯡꯁꯥꯡꯒꯩꯒꯤ ꯃꯅꯤꯡ
ꯅꯤꯡꯉꯣꯝꯕꯝꯒꯤ ꯑꯋꯥꯡ, ꯃꯥꯂꯣꯝ-ꯆꯉꯥꯡꯒꯩꯒꯤ
ꯃꯃꯥꯡ ꯍꯧꯖꯤꯛ ꯑꯦꯌꯥꯔꯄꯣꯔꯠ ꯂꯩꯔꯤꯕ ꯃꯐꯝ
ꯑꯁꯤꯃꯛꯅꯤ ꯫

ꯍꯧꯖꯤꯛ ꯀꯣꯡꯒ꯭ꯔꯦꯁꯅ ꯂꯨꯛ TKG

ꯄꯣꯂꯤꯁꯤ ꯍꯧꯗꯣꯛꯂꯝꯈꯤ ꯑꯗꯨ ꯕꯤ ꯖꯦ ꯄꯤ ꯅ
ꯑꯦꯛ TKG ꯍꯥꯏꯅ ꯃꯃꯤꯡ ꯍꯣꯡꯗꯣꯛꯏ, \

ꯦꯡꯕꯗꯗꯤ ꯑꯃꯠꯇ ꯑꯣꯏꯅ BT ꯑꯗꯨꯕꯨ ꯈꯨꯖꯤꯜ
ꯊꯧꯔꯥꯡꯗꯤ ꯃꯅꯨꯡ ꯃꯄꯥꯟ ꯅꯥꯏꯕ ꯃꯑꯣꯡꯅꯤ ꯫

ꯃꯅꯨꯡꯒꯤ ꯑꯔꯨꯕ ꯋꯥꯐꯝ ꯐꯣꯡꯗꯣꯛꯇꯦ ꯫ ꯑꯄꯪꯕ
ꯑꯩꯒꯤ ꯋꯥꯈꯜꯗꯗꯤ ꯃꯅꯤꯄꯨꯔꯗ ꯏꯟꯅꯔ ꯂꯥꯏꯟ
ꯄꯥꯔꯃꯤꯠ ꯆꯠꯅꯍꯟꯕꯗ ꯏꯟꯗꯤꯌꯥꯖꯅ ꯏꯌ
ꯥꯃꯛ ꯌꯥꯗꯕ ꯑꯁꯤꯅꯗꯤ ꯃꯅꯨꯡꯗ ꯑꯔꯣꯟꯕ
ꯄꯣꯂꯤꯁꯤ ꯑꯃꯗꯤ ꯁꯥꯟꯅꯔꯤ ꯍꯥꯏꯕ ꯑꯁꯤꯅꯤ
꯫ ꯃꯁꯤꯅ ꯇꯥꯛꯄꯗꯤ ꯂꯥꯟꯖꯥꯎ ꯑꯁꯤ ꯈꯨꯠꯁꯨ
ꯈꯨꯠꯂꯥꯏꯒꯤ ꯂꯥꯟ ꯅꯠꯇ꯭ꯔꯗꯨꯅ ‘ꯃꯥꯏꯒ꯭ꯔꯦꯁꯟꯒꯤ’

ꯑꯆꯧꯕ ꯂꯥꯟꯖꯥꯎ ꯑꯃ ꯑꯣꯏꯔꯒꯗꯕ ꯈꯟꯖꯕꯗ
ꯅꯨꯡꯅꯥꯡꯖꯩ꯫ ꯑꯗꯨꯅꯕꯨ ꯄꯣꯂꯤꯁꯤꯅꯗꯤ ꯆꯠꯅꯕ
ꯉꯝꯂꯣꯏ ꯍꯥꯏꯗꯨꯅ ꯑꯦꯛ ꯑꯃ ꯑꯣꯏꯅ
ꯆꯂꯥꯏꯔꯤꯕ꯭ꯔ ꯈꯟꯕꯗ ꯅꯨꯡꯅꯥꯡꯖꯩ꯫ ꯃꯇꯥꯡ
ꯑꯁꯤꯗ ꯏꯟꯗꯤꯌꯥ ꯂꯩꯉꯥꯛꯅ ꯈꯪꯖꯤꯟꯕꯤꯒꯗꯕꯗꯤ
ꯂꯥꯏꯕꯛ ꯊꯤꯗꯨꯅ ꯀꯔꯤꯒꯨꯝꯕ ꯂꯥꯟꯖꯥꯎ ꯑꯃ
ꯊꯣꯛꯂꯕꯗꯤ ꯕꯤꯗꯦꯁ ꯑꯁꯤ ꯂꯩꯉꯥꯛꯅ ꯌꯨꯝꯒꯤ
ꯊꯣꯡꯖꯤꯟꯗ ꯑꯃ ꯂꯨꯝꯗꯨꯅ ꯂꯩꯔꯤ ꯈꯪꯖꯤꯟꯕꯗ
ꯀꯥꯟꯅꯒꯗ꯭ꯔ ꯈꯟꯖꯩ ꯫

ꯑꯗꯣꯝꯒꯤ-ꯗꯥ. ꯑꯀꯣꯏꯖꯝꯆꯥ ꯅꯥꯔꯦꯟ
ꯑꯃꯨꯕ
ꯅꯤꯡꯉꯣꯝꯕꯝ, ꯏꯝꯐꯥꯜ ꯋꯦꯁꯠ
ꯃꯅꯤꯄꯨꯔ ꯆꯤꯡ ꯇꯝ ꯑꯃꯁꯨꯡ ꯁꯦꯟꯇꯔ
ꯇꯤꯜꯍꯧ ꯊꯥꯕ
ꯃꯅꯤꯄꯨꯔꯗ ꯆꯍꯤ ꯈꯨꯗꯤꯡꯒꯤ ꯇꯤꯂꯍꯧ, ꯆꯅꯝ ꯊꯥꯕꯒꯤ ꯆꯥꯡ
ꯍꯦꯟꯒꯠꯂꯛꯂꯤ꯫ ꯂꯧꯐꯝ ꯅꯠꯇ꯭ꯔꯒ ꯍꯤꯡꯒꯣꯜꯗ ꯄꯥꯡꯊꯣꯛꯂꯤꯕ
ꯑꯑꯣꯟ ꯄꯣꯠꯊꯥꯒꯤ ꯃꯅꯨꯡꯗ ꯇꯉꯥꯏꯐꯗꯅ ꯇꯤꯜꯍꯧ, ꯆꯅꯝꯁꯨ ꯌꯥꯎꯍꯟꯕ
ꯆꯪꯏ꯫ ꯃꯁꯤꯅ ꯄꯥꯝꯕꯤ ꯑꯇꯩꯗ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ ꯇꯥꯕ ꯍꯟꯊꯍꯜꯂꯤ꯫

ꯑꯃꯔꯣꯝꯗ, ꯌꯦꯡꯖꯥꯡ ꯅꯥꯄꯤ ꯀꯌꯥꯒꯤ ꯃꯔꯛꯇ ꯇꯤꯜꯍꯧ, ꯆꯅꯝ
ꯊꯥꯖꯤꯟꯕꯅ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅ ꯇꯥꯕ ꯍꯟꯊꯕꯒꯤ ꯑꯆꯧꯕ ꯃꯔꯝ ꯑꯃ ꯑꯣꯏꯕꯅ
ꯇꯉꯥꯏꯐꯗꯅ ꯊꯥꯅꯤꯡꯕ ꯄꯣꯠꯂꯝ ꯑꯃ ꯑꯣꯏꯔꯛꯂꯤ꯫

ꯇꯤꯜꯍꯧ ꯃꯈꯜ: ꯃꯅꯤꯄꯨꯔꯗ ꯆꯥꯅꯕ ꯇꯤꯜꯍꯧ ꯃꯈꯜꯁꯤꯡ

‘ꯃꯁꯤꯅꯤ’ ꯍꯥꯏꯕ ꯑꯃ ꯂꯩꯇ꯭ꯔꯒꯁꯨ ꯃꯇꯝ ꯃꯇꯝꯒꯤ ꯊꯥꯅꯕ ꯃꯔꯨ-ꯃꯔꯥꯡ
ꯌꯣꯜꯂꯤꯕ ꯗꯨꯀꯥꯟꯁꯤꯡꯗꯒꯤ ꯂꯩꯔꯒ ꯊꯥꯅꯕ ꯉꯥꯛꯇꯅꯤ꯫ ꯍꯤꯔꯝ ꯑꯁꯤꯒꯤ
ꯑꯈꯪ ꯑꯍꯩꯁꯤꯡꯅ ꯇꯤꯜꯍꯧꯕꯨ ꯃꯈꯜ ꯀꯌꯥ ꯊꯣꯛꯅ ꯈꯥꯏꯗꯣꯛꯂꯕꯁꯨ ꯃꯤꯌ
ꯥꯝꯅ ꯄꯥꯝꯅꯔꯤꯕꯁꯤ ꯑꯉꯥꯡꯕ ꯃꯈꯜ (ꯅꯥꯁꯤꯛ ꯔꯦꯗ) ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ
ꯇꯥꯒꯟꯕ ꯇꯤꯜꯍꯧ ꯌꯨꯝꯒꯤ ꯆꯥꯅꯕ ꯑꯃꯁꯨꯡ ꯂꯧꯃꯤꯁꯤꯡꯅ ꯄꯥꯝꯅꯗꯦ꯫ ꯅꯥꯄꯨ
ꯃꯆꯨꯒꯤ ꯇꯤꯜꯍꯧ ꯑꯃꯁꯨꯡ ꯆꯕꯨꯟ-ꯆꯕꯨꯟ ꯑꯣꯏꯅ ꯃꯔꯨ ꯇꯥꯕ ꯇꯤꯜꯍꯧ ꯃꯆꯥ
(ꯃꯜꯇꯤ ꯄ꯭ꯂꯥꯔ ꯑꯣꯅꯤꯌꯟ) ꯁꯤꯡꯁꯨ ꯑꯉꯥꯡꯕ ꯑꯆꯧꯕ ꯇꯤꯜꯍꯧꯁꯤꯡꯒ
ꯆꯥꯡꯗꯝꯅꯕ ꯌꯥꯗꯦ꯫ ꯄꯥꯝꯅꯗꯦ꯫ ꯃꯃꯤꯡ ꯄꯟꯕ ꯌꯥꯕ ꯑꯆꯧꯕ ꯇꯤꯜꯍꯧꯗꯤ

Prema, Agrifound dark red eg!

ꯑꯏꯪ-ꯑꯁꯥ: ꯌꯥꯝꯅ ꯉꯟꯅ ꯅꯠꯇ꯭ꯔꯒ ꯊꯦꯡꯅ ꯍꯨꯟꯕ ꯇꯤꯜꯍꯧꯁꯤꯡ
ꯃꯄꯥꯟ ꯉꯟꯅ ꯁꯥꯒꯜꯂꯤ꯫ ꯑꯣꯛꯇꯣꯕꯔ ꯑꯃꯁꯨꯡ ꯅꯕꯦꯝꯕꯔꯒꯤ
ꯑꯉꯥꯟꯕ ꯃꯇꯝꯗ ꯍꯨꯟꯕ ꯇꯤꯜꯍꯧꯁꯤꯡꯅ ꯃꯄꯥꯜ ꯃꯔꯥ ꯇꯥꯕ ꯍꯦꯜꯂꯤ꯫

ꯇꯤꯜꯍꯧ ꯃꯔꯨ ꯇꯥꯗ꯭ꯔꯤꯉꯩ (ꯉꯜꯂꯤꯉꯩ ꯃꯇꯝ), ꯑꯏꯪ ꯑꯁꯥꯒꯤ ꯆꯥꯡ
ꯁꯦꯜꯁꯤꯌꯁ ꯗꯤꯒ꯭ꯔꯤ 13 ꯗꯒꯤ 23 ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗ ꯂꯩꯕ ꯑꯃꯁꯨꯡ
ꯇꯤꯜꯍꯧ ꯃꯔꯨ ꯇꯥꯕ ꯍꯧꯔꯛꯄꯗꯅ ꯑꯏꯪ-ꯑꯁꯥꯒꯤ ꯆꯥꯡ ꯁꯦꯜꯁꯤꯌꯁ
ꯗꯤꯒ꯭ꯔꯤ 15.5 ꯗꯒꯤ 21 ꯐꯥꯎꯕ ꯂꯩꯕ ꯑꯃꯁꯨꯡ ꯅꯣꯡꯃꯗ ꯄꯨꯡ 10 ꯎꯔꯨꯝ
ꯂꯥꯡꯗꯅ ꯅꯨꯡꯁꯥ ꯐꯪꯕ ꯃꯐꯝꯅ ꯍꯦꯟ ꯇꯤꯜꯍꯧ ꯃꯔꯨ ꯇꯥꯏ꯫ ꯄꯣꯠꯊꯣꯛ ꯂꯩ꯫

ꯂꯩꯕꯥꯛ: ꯐꯣꯂꯤ ꯇꯥꯕ ꯃꯐꯃꯅ ꯍꯦꯟꯅ ꯆꯥꯅꯩ꯫ ꯂꯩꯉꯣꯏꯅ ꯅꯝꯕ
ꯃꯐꯝꯁꯤꯡ ꯇꯤꯜꯍꯧ ꯊꯥꯕ ꯅꯨꯡꯉꯥꯏꯔꯕꯁꯨ ꯏꯁꯤꯡ ꯇꯣꯏꯅ ꯄꯤꯕ ꯇꯥꯏ
ꯂꯩꯇꯥꯟ ꯑꯣꯏꯕ ꯃꯐꯝꯅ ꯏꯁꯤꯡ ꯄꯤꯕꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯔꯕꯁꯨ ꯊꯥꯕ
ꯅꯨꯡꯉꯥꯏꯔꯦ꯫ ꯇꯤꯜꯍꯧꯒꯤ ꯁꯥꯍꯧꯗ ꯑꯀꯥꯏꯕ ꯂꯩ, ꯃꯔꯨꯁꯤꯡꯒꯤ ꯃꯑꯣꯡ
ꯀꯥꯏ, ꯁꯦꯟꯕ꯭ꯔꯩꯅꯕ ꯃꯔꯨ ꯌꯥꯝꯅ ꯌꯥꯎꯏ꯫ ꯄꯣꯠꯊꯣꯛ ꯍꯟꯊꯩ꯫ ꯑꯁꯤꯟ
ꯑꯌꯥꯛꯀꯤ ꯆꯥꯡꯗꯤ ꯁꯤꯜꯂꯞ ꯇꯧꯕ ꯃꯐꯝꯁꯤꯡ ꯍꯥꯏꯕꯗꯤ pH 5.8 ꯗꯒꯤ
6.5 ꯐꯥꯎꯕ ꯂꯩꯕꯅ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯑꯌꯥꯝꯕ ꯃꯐꯝꯗ ꯆꯥꯅꯩ꯫ ꯑꯗꯨꯃꯛꯄꯨ
ꯇꯤꯜꯍꯧꯅ pH 5.8 ꯗꯒ 8 ꯐꯥꯎꯕ ꯐꯖꯅ ꯍꯧꯕ ꯉꯝꯃꯤ꯫

ꯍꯥꯔ: ꯁꯟꯊꯤ-ꯁꯟꯌꯨꯡꯒꯤ ꯅꯠꯇ꯭ꯔꯒ ꯅꯥꯄꯤꯁꯤꯡꯕꯤꯒꯤ ꯃꯄꯨꯡ
ꯐꯥꯅ ꯄꯠꯊꯔꯕ ꯍꯥꯔ ꯀ꯭ꯋꯤꯟꯇꯜ 75, KZA ꯑꯃ ꯆꯥꯎꯕ ꯇꯤꯜꯍꯧ
ꯊꯥꯐꯝꯗ ꯍꯥꯞꯄꯤꯒꯅꯤ꯫ ꯌꯨꯔꯤꯌꯥ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 50 ꯗꯒꯤ 60, ꯁꯤꯡꯒꯜ
ꯁꯨꯄꯔꯐꯣꯁꯐꯦꯠ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 80 ꯗꯒꯤ 100 ꯑꯃꯁꯨꯡ ꯄꯣꯇꯥꯁ
ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 35 ꯗꯒꯤ 50 ꯐꯥꯎꯕ KZA ꯑꯃ ꯄꯥꯛꯆꯥꯎꯕ ꯇꯤꯜꯍꯧ
ꯊꯥꯐꯗ ꯍꯥꯏꯕꯗꯤ ꯂꯤꯡꯊꯣꯛꯐꯝ ꯅꯠꯇ꯭ꯔꯒ ꯄꯥꯝꯐꯦꯜ ꯑꯣꯏꯅ ꯍꯨꯟꯒꯗꯕ
ꯃꯐꯝꯗ ꯍꯥꯞꯀꯅꯤ꯫ ꯑꯗꯨꯃꯛꯄꯨ ꯇꯤꯜꯍꯧꯕꯨ ꯄꯥꯝꯐꯦꯜ ꯑꯣꯏꯅ ꯍꯨꯟꯕ
ꯍꯥꯏꯕꯁꯤꯗ ꯃꯥꯡꯖꯕ ꯌꯥꯝꯅ ꯂꯩ (ꯃꯅꯤꯄꯨꯔꯒꯤ) ꯃꯐꯝ ꯈꯔꯗꯗꯤ ꯇꯧꯕ \

ꯥꯎꯅꯔꯤ꯫

ꯁꯟꯊꯤ-ꯁꯟꯌꯨꯡꯒꯤ ꯅꯠꯇ꯭ꯔꯒ ꯅꯥꯄꯤꯁꯤꯡꯕꯤꯒꯤ ꯃꯄꯨꯡ
ꯐꯥꯅ ꯄꯠꯊꯔꯕ ꯍꯥꯔꯁꯤꯡ ꯊꯥꯐꯝ ꯁꯦꯝꯕ ꯃꯇꯝꯗ ꯍꯥꯞꯄꯤꯒꯅꯤ꯫

ꯍꯥꯞꯀꯗꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯁꯔꯨꯛ ꯇꯪꯈꯥꯏ ꯑꯃꯒ ꯁꯨꯄꯔꯐꯣꯁꯐꯦꯠ
ꯑꯃꯁꯨꯡ ꯄꯣꯇꯥꯁꯀꯤ ꯑꯄꯨꯟꯕ ꯁꯔꯨꯛꯀ ꯄꯨꯟꯟ ꯇꯤꯜꯍꯧꯁꯤꯡ
ꯂꯤꯡꯊꯣꯛꯂꯝꯗꯥꯏꯗ ꯍꯥꯞꯀꯅꯤ꯫ ꯑꯔꯦꯝꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯁꯔꯨꯛ ꯇꯪꯈꯥꯏꯗꯨꯅ
ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤꯁꯤꯡ ꯂꯤꯡꯈ꯭ꯔꯕ ꯃꯇꯨꯡ ꯆꯌꯣꯜ ꯃꯉꯥ-ꯇꯔꯨꯛ ꯂꯩꯔꯒ
ꯆꯥꯏꯁꯤꯟꯕꯤꯒꯅꯤ꯫

ꯇꯤꯜꯍꯧ ꯊꯥꯐꯝꯗ ꯍꯥꯞꯀꯗꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯆꯥꯡ ꯍꯥꯏꯕꯁꯤꯗ ꯌꯥꯝꯅ
ꯆꯦꯛꯁꯤꯟꯕ ꯆꯪꯏ꯫ ꯅꯥꯏꯇ꯭ꯔꯣꯖꯦꯟ ꯍꯦꯟꯅ ꯋꯥꯡꯈ꯭ꯔꯕ ꯇꯤꯜꯍꯧꯁꯤꯡ
ꯂꯤꯕ ꯅꯨꯡꯉꯥꯏꯇꯦ, ꯃꯇꯣꯟ ꯊꯣꯛꯀꯜꯂꯤ꯫ ꯅꯥꯏꯇ꯭ꯔꯣꯆꯦꯟ ꯋꯥꯠꯂꯒꯅ
ꯉꯟꯅ ꯃꯄꯥꯜ ꯁꯥꯒꯜꯂꯤ꯫ ꯋꯥꯠꯄ-ꯍꯦꯟꯕ ꯑꯅꯤꯃꯛꯇ ꯑꯀꯥꯏꯕ ꯂꯩ꯫

ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯍꯦꯟꯅ ꯐꯕꯗꯤ ꯂꯩꯄꯥꯛ ꯂꯩꯍꯥꯎ ꯆꯥꯡꯌꯦꯡ ꯇꯧꯊꯣꯛꯂꯒ ꯍꯥꯔ
ꯍꯥꯞꯄꯁꯤꯅꯤ꯫

ꯃꯔꯨꯒꯤ ꯆꯥꯡ; ꯆꯥꯔꯥ ꯑꯣꯏꯅ ꯂꯤꯡꯊꯣꯛꯄꯗ KZA

ꯑꯃꯒꯤꯗꯃꯛ ꯃꯔꯨ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ ꯑꯅꯤꯗꯒꯤ ꯑꯅꯤꯃꯈꯥꯏ ꯐꯥꯎꯕ ꯆꯪꯏ꯫

ꯄꯥꯝꯐꯦꯜ ꯑꯣꯏꯅ ꯍꯨꯟꯕꯒꯤꯗꯃꯛꯇꯗꯤ ꯃꯔꯨ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ ꯃꯉꯥꯗꯒꯤ
ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ ꯇꯔꯨꯛꯀ ꯒ꯭ꯔꯥꯝ 250 ꯐꯥꯎꯕ ꯆꯪꯏ꯫ ꯃꯔꯨ ꯂꯩꯕꯗ ꯆꯪꯈꯤꯒꯗꯕ
ꯁꯦꯜ ꯑꯃꯁꯨꯡ ꯑꯀꯨꯡ-ꯑꯔꯜꯗ ꯑꯀꯥꯏꯕ ꯌꯥꯝꯅ ꯂꯩꯕ ꯃꯔꯝꯅ ꯇꯤꯜꯍꯧ
ꯂꯤꯡꯊꯣꯛꯄꯒꯤ ꯊꯕꯛꯅ ꯍꯦꯟꯅ ꯀꯥꯟꯅꯩ ꯑꯃꯁꯨꯡ ꯄꯥꯝꯅꯩ꯫

ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝ: ꯍꯤꯡꯒꯣꯜꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯍꯦꯟꯅ ꯐꯕ ꯃꯐꯝꯗ
ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝ ꯁꯦꯝꯒꯅꯤ꯫ ꯌꯥꯝꯅ ꯄꯥꯛꯄ ꯃꯐꯝ ꯑꯃꯗ ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝꯅꯤ
ꯍꯥꯏꯗꯨꯅ ꯄꯨꯜꯂꯞ ꯁꯦꯝꯖꯤꯟꯕ ꯏꯄꯥꯛ ꯄꯥꯛꯅ ꯊꯥꯕ ꯐꯠꯇꯦ꯫ ꯃꯤꯇꯔ 06
ꯇꯒꯤ ꯃꯤꯇꯔ ꯑꯃ ꯐꯥꯎꯕꯗ ꯄꯥꯛꯄ ꯑꯃꯁꯨꯡ ꯃꯤꯇꯔ ꯑꯍꯨꯝ ꯁꯥꯡꯕ
ꯃꯐꯝꯁꯤꯡꯗ ꯁꯦꯝꯕꯤꯒꯅꯤ꯫ ꯆꯔꯥ ꯍꯨꯟꯐꯝꯒꯤ ꯐꯩꯗꯣꯝ ꯁꯦꯟꯇꯤꯃꯤꯇꯔ
15 ꯍꯥꯏꯕꯗꯤ ꯏꯟꯆꯤ ꯇꯔꯨꯛꯇꯒꯤ ꯇꯥꯗꯅ ꯆꯤꯡꯈꯠꯀꯅꯤ꯫ ꯗꯔꯀꯥꯔꯒꯤ
ꯃꯇꯨꯡ ꯏꯟꯅ ꯃꯤꯇꯔ ꯑꯃ ꯄꯥꯛꯄ ꯑꯍꯨꯝ ꯁꯥꯡꯕ ꯁꯦꯃꯤ 15 ꯋꯥꯡꯅ
ꯐꯩꯗꯣꯝ ꯆꯤꯡꯈꯠꯂꯒ ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝ ꯃꯁꯤꯡ ꯂꯦꯞꯊꯣꯛꯀꯅꯤ꯫ KZA

ꯑꯃ ꯆꯥꯎꯕ ꯇꯤꯜꯍꯧ ꯊꯥꯐꯝ ꯑꯃꯒꯤꯗꯃꯛ ꯑꯁꯤꯒꯨꯝꯕ ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝ
10 ꯗꯒꯤ 12 ꯐꯥꯎꯕꯒꯤ ꯗꯔꯀꯥꯔ ꯑꯣꯏ꯫ ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝ ꯑꯃꯗ
(1ꯒ3ꯒ0.15) ꯁꯟꯊꯤ ꯁꯟꯌꯨꯡ ꯅꯠꯇ꯭ꯔꯒ ꯅꯥꯄꯤ ꯁꯤꯡꯕꯤ- ꯄꯠꯊ-

ꯄꯨꯝꯊꯔꯕ ꯍꯥꯔ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 15-20 ꯐꯥꯎꯕ ꯍꯥꯞꯍꯧꯒꯅꯤ꯫ ꯃꯔꯨꯗ
ꯍꯤꯗꯥꯛ ꯇꯣꯠꯂꯛꯈ꯭ꯔꯕ ꯑꯣꯏꯔꯕꯗꯤ ꯑꯃꯨꯛ ꯇꯣꯠꯇ꯭ꯔꯕꯁꯨ ꯌꯥꯔꯦ꯫

fOGmdfDjgq [OTjxrg Trichoderma \kBjq culture

ꯒ꯭ꯔꯥꯝ 10 ꯃꯔꯨ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ ꯈꯨꯗꯤꯡꯗ ꯇꯣꯠꯍꯧꯒꯅꯤ꯫

ꯂꯤꯡꯊꯣꯛꯄ: ꯆꯌꯣꯜ ꯇꯔꯨꯛ-ꯇꯔꯦꯠ ꯁꯨꯔꯕ ꯆꯥꯔꯥꯁꯤꯡ
ꯂꯤꯡꯊꯣꯛꯅꯕ ꯁꯦꯝ ꯁꯥꯕ ꯌꯥꯔꯦ꯫ ꯐꯣꯏꯕ ꯌꯥꯔꯛꯂꯕ ꯆꯥꯔꯥꯁꯤꯡꯗ ꯏꯁꯤꯡ
ꯄꯤꯕꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯔꯛꯀꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯆꯥꯔꯥꯁꯤꯡ ꯐꯣꯏꯕ ꯅꯨꯡꯉꯥꯏꯅꯕ
ꯐꯣꯏꯒꯗꯕ ꯄꯨꯡ ꯃꯔꯤ-ꯃꯉꯥ ꯋꯥꯠꯂꯤꯉꯩꯗ ꯏꯁꯡꯤ ꯄꯤꯒꯅꯤ꯫

ꯂꯤꯡꯊꯣꯛꯂꯝꯗꯥꯏꯗ Carbendazim 50% ꯒ꯭ꯔꯥꯝ ꯑꯅꯤ
ꯏꯁꯤꯡ ꯂꯤꯇꯔ ꯈꯨꯗꯤꯡꯗ ꯇꯨꯝꯍꯟꯕꯤꯔꯒ ꯂꯤꯡꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛ
ꯐꯣꯏꯔꯕ ꯆꯥꯔꯥꯁꯤꯡꯒꯤ ꯃꯈꯣꯡꯁꯤꯡ ꯄꯨꯡ ꯑꯃ ꯇꯤꯡꯕꯤꯕ ꯐꯩ꯫ ꯃꯁꯤꯅ
ꯂꯥꯏꯅꯥ ꯀꯌꯥꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯄꯗ ꯂꯥꯏꯍꯜꯂꯤ꯫ ꯄꯔꯦꯡꯒ ꯄꯔꯦꯡꯒ
ꯁꯦꯃꯤ: 15 (ꯏꯟꯆꯤ ꯇꯔꯨꯛ) ꯑꯃꯁꯨꯡ ꯄꯥꯝꯕꯤꯒ ꯄꯥꯝꯕꯤꯒ ꯁꯦꯃꯤ:

7.5 (ꯏꯟꯆꯤ ꯑꯍꯨꯝ) ꯊꯥꯞꯅꯅ ꯂꯤꯡꯊꯣꯛꯀꯅꯤ꯫ ꯆꯌꯣꯜ ꯑꯃ ꯐꯥꯎꯕꯒꯤ
ꯃꯅꯨꯡꯗ ꯁꯤꯈꯤꯕ ꯄꯥꯝꯕꯤꯁꯤꯡ ꯑꯅꯧꯕ ꯆꯥꯔꯥꯁꯤꯡ ꯁꯤꯟꯖꯤꯟꯒꯅꯤ꯫

ꯄꯣꯠꯊꯣꯛ ꯋꯥꯡꯅ ꯄꯨꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛ ꯅꯧꯔꯤꯕ ꯆꯥꯔꯥꯁꯤꯡꯗꯒꯤ
ꯍꯧꯅ ꯌꯥꯝꯅ ꯆꯦꯛꯁꯤꯟꯕ ꯆꯪꯏ꯫

ꯊꯥꯖꯕ ꯃꯥꯡꯁꯤꯜꯂꯛꯄꯗꯥ: ꯑꯦꯝ FOTFOT ꯁꯤꯡꯍ
ꯆꯥꯡ ꯅꯥꯏꯅ ꯑꯣꯄꯔꯦꯁꯟ ꯇꯧꯕꯒꯤ ꯀꯥꯅꯕ ꯂꯩꯒꯅꯤ
ꯅꯣꯡꯊꯣꯝꯕꯝ ꯕꯤꯔꯦꯟꯅ ꯁ꯭ꯇꯦꯠ ꯑꯁꯤꯒꯤ ꯆꯤꯐ ꯃꯤꯅꯤꯁꯇꯔ ꯑꯣꯏꯔꯕ ꯇꯨꯡꯗ ꯃꯤꯌꯥꯝ ꯅꯥꯗ ꯌꯦꯛꯇꯅ, ꯃꯁꯥ-ꯃꯎ ꯐꯅ ꯂꯩꯍꯟꯅꯕꯒꯤꯗꯃꯛ ꯃꯌꯥꯏ ꯀꯥꯕ ꯆꯤꯟꯖꯥꯛ
ꯌꯣꯟꯕ ꯊꯤꯡꯅꯅꯕꯒꯤ ꯊꯕꯛ ꯂꯧꯈꯠꯄ ꯍꯧꯈꯤ꯫ ꯃꯤꯌꯥꯝ ꯇꯤꯟꯕ ꯊꯧꯔꯝ ꯑꯃꯗ ꯆꯤꯐ
ꯃꯤꯅꯤꯁꯇꯔ ꯃꯁꯥꯃꯛꯅꯁꯨ ꯃꯆꯥꯁꯤꯡꯒꯤ ꯂꯥꯏꯔꯤꯛ ꯅꯠꯇ꯭ꯔꯒ ꯕꯣꯏ ꯀꯂꯝ ꯂꯩꯒꯗꯕ
ꯃꯃꯥꯅ ꯂꯨꯄꯥ 10 ꯄꯤꯕ ꯀ꯭ꯋꯥ ꯖꯔꯗꯥ ꯆꯥꯗꯨꯅ ꯂꯩꯔꯦ ꯍꯥꯏꯕ ꯋꯥꯐꯝ ꯐꯥꯎꯕ ꯄꯟꯈꯤꯕꯗꯧꯅ
ꯇꯧꯈꯤ꯫ ꯇꯁꯦꯡꯅꯃꯛꯁꯨ ꯃꯤꯑꯣꯏꯕꯒꯤ ꯍꯛꯁꯦꯜꯗ ꯀꯥ ꯍꯦꯟꯅ ꯁꯣꯛꯍꯟꯕ ꯑꯃꯁꯨꯡ
ꯁꯦꯟꯃꯤꯠꯂꯣꯟꯗꯁꯨ ꯃꯌꯦꯡ ꯇꯥꯍꯟꯕ ꯃꯌꯥꯏ ꯀꯥꯕ ꯆꯤꯟꯖꯥꯛꯁꯤꯡ ꯑꯁꯤ ꯊꯤꯡꯒꯗꯕꯅꯤ
ꯍꯥꯏꯕ ꯂꯩꯉꯥꯛꯀꯤ ꯐꯤꯔꯦꯞ ꯑꯁꯤ ꯃꯤꯄꯨꯝ ꯈꯨꯗꯤꯡꯃꯛꯅ ꯁꯧꯒꯠꯅꯈꯤ꯫ ꯂꯩꯉꯥꯛꯀꯤ \

ꯥꯊꯪ ꯃꯇꯨꯡꯏꯟꯅ ꯃꯅꯤꯄꯨꯔ ꯄꯨꯂꯤꯁꯀꯤ ꯄꯥꯔꯁꯅꯦꯜꯁꯤꯡ, ꯐꯨꯗ ꯁꯦꯐꯇꯤꯒꯤ ꯇꯤꯝꯁꯤꯡꯅ
ꯗꯤꯁꯇ꯭ꯔꯤꯛ ꯑꯃꯒ ꯗꯤꯁꯇ꯭ꯔꯤꯛ ꯑꯃꯒ ꯑꯊꯣꯏ ꯑꯍꯦꯟ ꯇꯥꯟꯅꯕꯗꯧꯅ ꯃꯌꯥꯏ ꯀꯥꯕ
ꯆꯤꯟꯖꯥꯛꯁꯤꯡ ꯐꯥꯒꯠꯄꯒꯤ ꯅꯤꯡꯊꯤꯔꯕ ꯗ꯭ꯔꯥꯏꯚꯁꯤꯡ ꯆꯠꯊꯕ ꯎꯈꯤ꯫ ꯂꯨꯄꯥ ꯂꯥꯈ 50 ꯒꯤ
ꯖꯔꯗꯥ, ꯈꯩꯅꯤ ꯐꯥꯔꯦ, ꯂꯨꯄꯥ ꯂꯥꯈ ꯀꯌꯥꯒꯤ ꯌꯨꯉꯥꯡ ꯑꯃꯁꯨꯡ ꯌꯨꯉꯧ ꯐꯥꯔꯦ, ꯑꯦꯁ ꯄꯤ ꯀꯦꯞꯁꯨꯜ
ꯑꯃꯁꯨꯡ ꯅꯝꯕꯔ ꯐꯣꯔꯅꯆꯤꯡꯕ ꯐꯥꯔꯦ ꯍꯥꯏꯗꯨꯅ ꯅꯣꯡꯃ ꯀꯥꯡꯗꯅ ꯄꯥꯎꯆꯦꯁꯤꯡꯒꯤ ꯂꯃꯥꯏꯗ
ꯄꯨꯂꯤꯁꯀꯤ ꯑꯃꯁꯨꯡ ꯃꯔꯤ ꯂꯩꯅꯕ ꯗꯤꯄꯥꯔꯠꯃꯦꯟꯠꯁꯤꯡꯒꯤ ꯑꯦꯆꯤꯚꯃꯦꯟꯠ ꯃꯤꯌꯥꯝꯗ
ꯎꯍꯟꯕ ꯉꯝꯈꯤ꯫ ꯆꯤꯐ ꯃꯤꯅꯤꯁꯇꯔꯅꯁꯨ ꯊꯧꯑꯣꯡ ꯑꯁꯤ ꯂꯦꯞꯇꯅ ꯆꯠꯊꯒꯅꯤ ꯑꯃꯁꯨꯡ
ꯃꯁꯥ ꯃꯎ ꯐꯕ ꯈꯨꯟꯅꯥꯏ ꯑꯃ ꯑꯣꯏꯍꯟꯒꯅꯤ ꯍꯥꯏꯅ ꯃꯤꯌꯥꯝꯗ ꯋꯥꯁꯛꯈꯤ꯫ ꯂꯩꯉꯥꯛꯀꯤ
ꯈꯣꯡꯊꯥꯡ ꯑꯁꯤꯅ ꯃꯔꯝ ꯑꯣꯏꯔꯗꯨꯅ ꯏꯝꯐꯥꯜ ꯃꯌꯣꯜꯗ ꯖꯔꯗꯥ, ꯈꯩꯅꯤ ꯑꯃꯗꯤ ꯑꯇꯩ ꯃꯌ
ꯥꯏ ꯀꯥꯕ ꯆꯤꯟꯖꯥꯛꯁꯤꯡ ꯐꯪꯕ ꯋꯥꯅꯈꯤ꯫ ꯂꯂꯣꯟꯕꯁꯤꯡꯁꯨ ꯁꯥꯊꯤꯕ ꯆꯩꯊꯦꯡ ꯅꯪꯈꯤ꯫ ꯂꯝꯕꯤꯗ
ꯑꯃꯗꯤ ꯃꯈꯣꯏꯒꯤ ꯄꯣꯠ ꯄꯩꯐꯝꯁꯤꯡꯗ ꯄꯨꯂꯤꯁꯅ ꯊꯤ ꯍꯨꯝꯕꯒꯤ ꯊꯕꯛ ꯆꯠꯊꯗꯨꯅ \

ꯥꯝꯂꯕ ꯃꯌꯥꯏ ꯀꯥꯕ ꯄꯣꯠꯂꯝꯁꯤꯡ ꯐꯥꯒꯠꯈꯤ꯫ ꯃꯗꯨꯅ ꯃꯔꯝ ꯑꯣꯏꯔꯒ ꯁ꯭ꯇꯣꯛꯇ ꯂꯩꯍꯧꯕ
ꯄꯣꯠꯁꯛꯁꯤꯡꯗꯤ ꯍꯥꯟꯅ ꯄꯤꯔꯝꯕ ꯃꯃꯜꯗꯒꯤ ꯗꯕꯜ ꯍꯦꯟꯅ ꯀꯥꯞꯈꯠꯂꯛꯈꯤ꯫ ꯍꯥꯟꯅ
ꯂꯨꯄꯥ 10 ꯄꯤꯔꯝꯕ ꯈꯩꯅꯤ ꯀꯧꯇꯥ ꯑꯃꯒꯤ ꯃꯃꯜ ꯂꯨꯄꯥ 25 ꯌꯧꯔꯛꯈꯤ꯫ ꯂꯨꯄꯥ 10 ꯒꯤ ꯖꯔꯗꯥ
ꯃꯇꯞ ꯑꯍꯨꯝ ꯇꯧꯔꯝꯕ ꯑꯗꯨꯗ ꯂꯨꯄꯥ 15 ꯅ ꯃꯇꯞ ꯑꯃꯗꯒꯤ ꯍꯦꯟꯅ ꯐꯪꯕ ꯉꯝꯈꯤꯗꯦ꯫

ꯃꯗꯨꯁꯨ ꯃꯤ ꯌꯦꯡꯂꯒ ꯄꯤꯔꯤꯕꯅꯤ꯫ ꯐꯥꯔꯁꯠ ꯑꯦꯝ ꯑꯥꯔ, ꯁꯦꯀꯦꯟꯗ ꯑꯦꯝ ꯑꯥꯔ ꯑꯃꯁꯨꯡ
ꯈ꯭ꯋꯥꯏꯔꯝꯕꯟ ꯀꯩꯊꯦꯜ ꯃꯅꯨꯡꯗ ꯌꯣꯜꯂꯝꯕ ꯌꯨꯉꯥꯡꯁꯤꯡ ꯃꯤꯌꯥꯝꯅ ꯂꯩꯒꯦ ꯐꯪꯈꯤꯗꯦ꯫ ꯌꯨꯉꯧ
ꯐꯥꯎꯕ ꯃꯐꯝ ꯀꯌꯥꯗ ꯐꯪꯂꯝꯕ ꯑꯗꯨ ꯄꯨꯂꯤꯁꯅ ꯉꯍꯥꯛ ꯂꯩꯇꯅ ꯔꯦꯗ ꯇꯧꯕꯗꯒꯤ ꯐꯪꯕ ꯋꯥꯈꯤ꯫

ꯑꯐꯪꯕ ꯈꯔꯗꯨꯁꯨ ꯃꯃꯜ ꯀꯥ ꯍꯦꯟꯅ ꯋꯥꯡꯅ ꯌꯣꯟꯅꯈꯤ꯫ ꯑꯗꯨꯕꯨ ꯄꯨꯂꯤꯁꯀꯤ ꯈꯣꯡꯖꯪ ꯑꯗꯨ
ꯈꯥꯡꯇꯞꯇ ꯂꯦꯞꯈ꯭ꯔꯦ꯫ ꯂꯩꯉꯥꯛꯅꯁꯨ ꯄ꯭ꯔꯦꯁꯔ ꯇꯧꯗꯕꯗꯧꯅ ꯇꯧꯈ꯭ꯔꯦ꯫ ꯍꯧꯖꯤꯛ ꯃꯤꯌ
ꯥꯝꯒꯤ ꯃꯁꯥ-ꯃꯎ ꯐꯍꯟꯕ ꯍꯥꯏꯕꯗꯨ ꯉꯝꯂꯒꯗ꯭ꯔ, ꯃꯌꯥꯏ ꯀꯥꯕ ꯆꯤꯟꯖꯥꯛ ꯃꯅꯤꯄꯨꯔꯗ
ꯊꯤꯡꯕ ꯉꯝꯂꯕ꯭ꯔ ꯍꯥꯏꯕ ꯋꯥꯍꯪ ꯃꯌꯥꯝ ꯑꯃ ꯃꯤꯌꯥꯝꯅ ꯍꯪꯅꯔꯛꯂꯦ꯫ ꯃꯅꯤꯄꯨꯔ ꯄꯨꯂꯤꯁ
ꯅꯠꯇ꯭ꯔꯒ ꯐꯨꯠ ꯁꯦꯐꯇꯤꯒꯤ ꯊꯕꯛ ꯊꯧꯔꯝꯁꯤꯡ ꯑꯁꯤ ꯀꯔꯤꯒꯨꯝꯕ ꯃꯇꯝꯗ ꯂꯣꯒꯤ
ꯃꯈꯥꯗ ꯊꯕꯛ ꯇꯧꯕ ꯉꯝꯗꯕꯒꯤ ꯇꯥꯟꯐꯝ ꯌꯥꯎꯔꯛꯄ ꯌꯥꯏ꯫ ꯍꯥꯏꯔꯤꯕ ꯇꯥꯟꯐꯝ ꯑꯗꯨ
ꯃꯈꯣꯏꯕꯨ ꯃꯐꯝ ꯑꯃꯗꯒꯤ ꯃꯐꯝ ꯑꯃꯗ ꯇ꯭ꯔꯥꯟꯁꯐꯔ ꯊꯥꯕ ꯉꯝꯕ ꯅꯠꯇ꯭ꯔꯒꯅ \

ꯥꯆꯟ ꯆꯟꯕ ꯉꯝꯕ ꯀꯥꯡꯕꯨ ꯑꯃꯅ ꯃꯈꯣꯏꯅ ꯇꯧꯔꯤꯕ ꯊꯕꯛꯇꯨ ꯊꯥꯒꯠꯄꯤꯗ꯭ꯔꯕ
ꯅꯠꯇ꯭ꯔꯒ ꯄꯨꯛꯅꯤꯡ ꯊꯧꯒꯠꯄꯤꯔꯛꯇ꯭ꯔꯕ ꯃꯇꯝꯗ ꯂꯥꯛꯏ꯫ ꯄꯨꯂꯤꯁꯅ ꯅꯠꯇ꯭ꯔꯒ
ꯐꯨꯠ ꯁꯦꯐꯇꯤꯒꯤ ꯇꯤꯝꯅ ꯉꯥꯏꯍꯥꯛ ꯂꯩꯇꯅ ꯏꯝꯐꯥꯜꯒꯤ ꯃꯔꯨꯑꯣꯏꯕ ꯀꯩꯊꯦꯜ ꯑꯃꯁꯨꯡ
ꯑꯇꯩ ꯗꯤꯁꯇ꯭ꯔꯤꯛꯀꯤ ꯍꯦꯗ ꯀ꯭ꯋꯥꯇꯔꯁꯤꯡꯗꯒꯤ ꯃꯌꯥꯏ ꯀꯥꯕ ꯆꯤꯟꯖꯥꯛ ꯆꯕꯨꯜ-ꯆꯕꯨꯜ
ꯐꯥꯔꯝꯕ ꯃꯇꯝ ꯑꯗꯨꯗꯗꯤ ꯂꯩꯉꯥꯛꯀꯤ ꯃꯤꯠꯌꯦꯡ ꯑꯁꯤ ꯃꯌꯥꯏ ꯀꯥꯕ ꯆꯤꯟꯖꯥꯛꯀꯤ
ꯃꯥꯌꯣꯛꯇ ꯂꯦꯞꯄꯗꯧꯅ ꯇꯧꯕꯗꯒꯤꯅꯤ꯫ ꯑꯗꯨꯒ ꯍꯧꯖꯤꯛꯅ ꯀꯔꯝꯕ ꯃꯤꯠꯌꯦꯡ \

ꯦꯡꯈꯤꯕꯗꯒꯤ ꯑꯁꯤꯒꯨꯝꯕ ꯊꯕꯛ ꯊꯧꯔꯝꯁꯤꯡ ꯑꯁꯤ ꯆꯞ ꯂꯦꯞꯈꯤꯕꯅꯣ ꯍꯥꯏꯕ ꯃꯤꯌ
ꯥꯝ ꯑꯉꯛꯄ ꯄꯣꯛꯅꯒꯅꯤ꯫ ꯗ꯭ꯔꯛ ꯐꯥꯕꯗ ꯃꯃꯤꯡ ꯂꯩꯔꯕ ꯃꯤꯁꯛꯁꯨ ꯃꯌꯥ ꯀꯨꯝꯕꯗꯧꯅ
ꯇꯧꯈ꯭ꯔꯦ꯫ ꯃꯌꯥꯏ ꯀꯥꯕ ꯗ꯭ꯔꯛ ꯐꯥꯅꯅꯕ ꯂꯤꯡꯕ ꯄꯨꯂꯤꯁ ꯁ꯭ꯇꯦꯁꯟ ꯐꯥꯎꯕ ꯃꯊꯛ ꯊꯣꯡꯕ
ꯑꯣꯐꯤꯁꯥꯔꯁꯤꯡꯒꯤ ꯁꯦꯟꯗꯥꯜꯐꯝ ꯑꯣꯏꯕꯗꯧꯅ ꯄꯨꯂꯤꯁ ꯄꯥꯔꯁꯅꯦꯜ ꯃꯁꯤꯡ ꯃꯌꯥꯝ
ꯑꯃ ꯊꯝꯖꯤꯜꯂꯦ꯫ ꯑꯗꯨꯒ ꯃꯗꯨꯒꯤ ꯑꯥꯎꯠꯄꯨꯠꯅ ꯑꯃ ꯐꯥꯎꯕ ꯀꯥꯞꯊꯣꯔꯛꯇ꯭ꯔꯦ꯫

ꯄꯨꯂꯤꯁ ꯁ꯭ꯇꯦꯁꯟ ꯑꯁꯤꯗ ꯊꯥꯖꯤꯜꯂꯛꯂꯤꯕ ꯌꯥꯝꯂꯕ ꯄꯥꯔꯁꯅꯦꯜꯁꯤꯡ ꯑꯁꯤꯒꯤ
ꯄꯥꯟꯗꯝ ꯀꯔꯤꯅꯣ? ꯂꯩꯉꯥꯛꯀꯤ ꯃꯤꯡꯆꯠ ꯍꯦꯟꯅ ꯄꯨꯔꯛꯅꯕ, ꯃꯤꯑꯣꯏꯕ ꯈꯨꯟꯅꯥꯏꯒꯤ
ꯌꯥꯏꯐꯅꯅꯕ ꯗ꯭ꯔꯛ ꯐꯥꯒꯦ ꯍꯥꯏꯔꯤꯕ꯭ꯔ ꯅꯠꯇ꯭ꯔꯒ ꯁꯦꯜ ꯇꯥꯜꯍꯟꯒꯦ ꯍꯥꯏꯕ ꯋꯥꯐꯝ ꯑꯃ
ꯊꯣꯔꯛꯏ꯫ ꯑꯁꯤꯒꯨꯝꯕ ꯐꯤꯚꯝ ꯑꯁꯤꯗ ꯐꯅ ꯃꯌꯥꯛ ꯀꯟꯕ ꯄꯨꯂꯤꯁ ꯑꯣꯐꯤꯁꯥꯔ
ꯂꯩꯔꯒꯁꯨ ꯃꯍꯥꯛꯄꯨ ꯃꯇꯦꯡ ꯄꯥꯡꯕꯤꯒꯗꯕ ꯑꯃꯁꯨꯡ ꯄꯨꯛꯅꯤꯡ ꯊꯧꯒꯠꯄꯤꯒꯗꯕ
ꯃꯤꯑꯣꯏ ꯂꯩꯐꯝ ꯊꯣꯛꯇꯦ꯫ ꯁꯦꯟꯗꯥꯜ ꯂꯝꯕꯤꯒ ꯃꯤꯌꯥꯝꯒꯤ ꯊꯧꯒꯜꯒ ꯑꯅꯤ ꯑꯁꯤ \

ꯥꯝꯅ ꯈꯦꯟꯅꯩ꯫ ꯃꯁꯤ ꯃꯅꯤꯄꯨꯔ ꯂꯩꯉꯥꯛꯅ ꯃꯨꯟꯅ ꯈꯪꯕꯤꯕ ꯆꯪꯏ꯫ ꯀꯔꯤ ꯃꯔꯝꯒꯤꯗꯛ
ꯏꯝꯐꯥꯜ ꯃꯌꯣꯜꯗ ꯅꯠꯇ꯭ꯔꯒ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯃꯐꯝ ꯑꯌꯥꯝꯕꯗ ꯃꯌꯥꯏ ꯀꯥꯕ
ꯆꯤꯟꯖꯥꯛꯁꯤꯡ ꯐꯥꯒꯠꯄ ꯇꯣꯛꯈꯤꯕꯅꯣ ꯍꯥꯏꯕꯁꯤꯒꯤ ꯃꯔꯨꯑꯣꯏꯕ ꯄꯥꯎꯈꯨꯝ ꯂꯩꯉꯥꯛꯅ
ꯄꯤꯐꯝ ꯊꯣꯛꯏ꯫ ꯃꯇꯥꯡ ꯑꯁꯤꯗ ꯄꯟꯖꯅꯤꯡꯕ ꯋꯥꯐꯝꯗꯤ, ꯂꯩꯉꯥꯛꯅ ꯊꯧꯁꯤꯜ ꯑꯃ
ꯂꯥꯎꯊꯣꯛꯈꯤꯕ ꯅꯠꯇ꯭ꯔꯒ ꯃꯁꯤ ꯑꯃ ꯇꯧꯔꯒꯗꯤ ꯑꯐꯕ ꯑꯣꯏꯒꯅꯤ ꯍꯥꯏꯅ ꯄꯣ ꯀꯥꯡꯕ
ꯍꯧꯈꯤꯕ ꯊꯕꯛꯁꯤꯡ ꯃꯈꯥ ꯇꯥꯅ ꯊꯧꯕꯥꯡꯂꯣꯏꯁꯤꯡꯅ ꯆꯠꯊꯍꯧꯕ ꯍꯥꯏꯕꯁꯤ ꯇꯉꯥꯏꯃꯛ
ꯐꯗꯅ ꯇꯧꯗꯕ ꯌꯥꯗꯕ ꯊꯧꯗꯥꯡꯅꯤ꯫ ꯄꯨꯂꯤꯁꯅ ꯅꯠꯇ꯭ꯔꯒ ꯐꯨꯠ ꯁꯦꯐꯇꯤꯅ ꯃꯌꯥꯏ ꯀꯥꯕ
ꯆꯤꯟꯖꯥꯛꯁꯤꯡ ꯐꯥꯒꯠꯂꯛꯇꯕ ꯍꯥꯏꯕꯁꯤ ꯃꯥꯏꯀꯩ ꯑꯍꯨꯝ ꯊꯣꯛꯅ ꯌꯦꯡꯕ ꯌꯥꯏ꯫ ꯃꯥꯏꯀꯩ
ꯑꯍꯨꯝ ꯑꯗꯨꯗꯤ ꯑꯃꯅ ꯃꯌꯥꯏ ꯀꯥꯕ ꯆꯤꯟꯖꯥꯛ ꯌꯣꯟꯗ꯭ꯔꯦ, ꯌꯥꯁꯤꯟꯅꯔꯒ ꯇꯨꯃꯤꯟꯅ ꯇꯣꯛꯂꯦ,
ꯂꯩꯉꯥꯛꯅ ꯂꯦꯞꯂꯣ ꯍꯥꯏꯕ ꯑꯃ ꯑꯁꯤꯅꯤ꯫ ꯋꯥꯐꯝ ꯑꯍꯨꯝ ꯑꯁꯤ ꯅꯠꯇꯕ ꯃꯔꯝ ꯀꯌꯥꯁꯨ
ꯂꯩꯔꯝꯕ ꯌꯥꯏ꯫ ꯑꯗꯨꯕꯨ ꯃꯤꯌꯥꯝꯅ ꯄꯥꯝꯂꯤꯕꯗꯤ ꯂꯩꯉꯥꯛꯅ ꯊꯕꯛ ꯑꯃ ꯇꯧꯒꯅꯤ ꯍꯥꯏꯈꯤꯕ ꯑꯗꯨ
ꯃꯄꯨꯡ ꯐꯥꯅ ꯊꯕꯛꯇ ꯑꯣꯟꯊꯣꯛꯄ ꯑꯗꯨꯅꯤ ꯍꯥꯏꯖꯅꯤꯡꯏ꯫

ꯃꯅꯤꯄꯨꯔꯗ ꯒꯦꯍꯨ ꯊꯥꯕ
ꯑꯦꯁ ꯁꯨꯃꯪꯒꯜ ꯁꯤꯡꯍ
ꯒꯦꯍꯨꯅ ꯃꯥꯂꯦꯝꯒꯤ ꯃꯤꯑꯣꯏ ꯕꯤꯜꯂꯤꯌꯟ ꯀꯌꯥꯒꯤ ꯃꯄꯨꯡ ꯑꯣꯏꯕ
(ꯁ꯭ꯇꯦꯄꯜ ꯐꯨꯗ) ꯆꯤꯟꯖꯥꯛꯅꯤ꯫ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯑꯄꯨꯟꯕ ꯂꯧ ꯎꯅꯔꯤꯕ
ꯂꯝꯒꯤ ꯆꯥꯗ ꯇꯔꯥꯍꯨꯝꯗꯣꯏꯗꯤ ꯒꯦꯍꯨ ꯊꯥꯏ꯫ ꯂꯩꯕꯥꯛ ꯑꯁꯤꯒꯤ ꯑꯣꯏꯅ
ꯒꯦꯍꯨ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯆꯥꯡ ꯋꯥꯡꯅ ꯊꯥꯕ ꯁ꯭ꯇꯦꯠꯁꯤ ꯎꯠꯇꯔ ꯄ꯭ꯔꯗꯦꯁꯅꯤ
ꯃꯊꯪꯗ ꯄꯟꯖꯥꯕꯅꯤ꯫ ꯑꯃꯔꯣꯝꯗ ꯑꯃꯨꯛ ꯂꯩꯕꯥꯛ ꯑꯁꯤꯒꯤ ꯃꯤꯑꯣꯏ
ꯃꯤꯜꯂꯤꯌꯟ ꯀꯌꯥꯅ ꯒꯦꯍꯨ ꯑꯁꯤ ꯃꯈꯣꯏꯒꯤ ꯃꯔꯨ ꯑꯣꯏꯕ
ꯆꯤꯟꯖꯥꯛ ꯑꯃ ꯑꯣꯏꯅ ꯁꯤꯖꯤꯟꯅꯔꯤ꯫ ꯒꯦꯍꯨ ꯑꯁꯤ ꯃꯤꯑꯣꯏꯕꯒꯤ
ꯆꯤꯟꯖꯥꯛꯇ- ꯄ꯭ꯔꯣꯇꯤꯟ, ꯀꯥꯔꯕꯣꯍꯥꯏꯗ꯭ꯔꯦꯠ ꯑꯃꯁꯨꯡ ꯚꯤꯇꯥꯃꯤꯟ
ꯑꯗꯨꯃꯛ ꯆꯥꯡ ꯋꯥꯡꯅ ꯌꯥꯎꯕ ꯆꯤꯟꯖꯥꯛ ꯃꯈꯜꯅꯤ꯫ ꯍꯧꯖꯤꯛꯀꯤ
ꯃꯇꯝꯗ ꯀ꯭ꯔꯣꯞ ꯗꯥꯏꯚꯔꯁꯤꯐꯤꯀꯦꯁꯟ ꯍꯥꯏꯗꯅ ꯋꯥꯈꯜꯂꯣꯟ
ꯑꯃ ꯂꯥꯛꯄꯁꯤꯒ ꯏꯔꯣꯏꯅꯅ ꯈꯪꯅ ꯅꯠꯇ꯭ꯔꯒ ꯈꯪꯗꯅ ꯑꯩꯈꯣꯏꯒꯤ
ꯃꯅꯤꯄꯨꯔꯗꯁꯨ ꯒꯦꯍꯨ ꯊꯥꯕꯒꯤ ꯑꯄꯥꯝꯕꯁꯤ ꯄꯣꯛꯅꯔꯛꯄ ꯍꯧꯔꯦ
ꯍꯥꯏꯕ ꯌꯥꯏ꯫ ꯐꯧ ꯂꯣꯛꯂꯕ ꯃꯇꯨꯡꯗ ꯍꯥꯡꯗꯨꯅ ꯂꯩꯅꯔꯝꯕ ꯂꯝꯁꯤꯡꯗ,
ꯃꯐꯝ ꯈꯔꯗ ꯊꯥꯎꯒꯤ ꯍꯪꯒꯥꯝ, ꯃꯅꯥ ꯃꯁꯤꯡ-ꯀꯣꯕꯤ, ꯑꯂꯨ, ꯍꯋꯥꯏ
ꯈꯣꯡꯅꯦꯝꯕꯤ (ꯀꯣꯂꯤ ꯍꯋꯥꯏ) ꯅꯆꯤꯡꯕ ꯊꯥꯅꯕꯒꯤ ꯏꯍꯧ ꯑꯃꯗꯤ ꯆꯍꯤ
ꯈꯔꯁꯤꯗ ꯂꯥꯛꯂꯦ꯫ ꯆꯍꯤ ꯑꯃ ꯑꯅꯤꯁꯤꯗ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯃꯐꯝ
ꯈꯔꯗ ꯒꯦꯍꯨ ꯃꯥꯏ ꯄꯥꯛꯅ ꯊꯥꯕ ꯊꯦꯡꯅꯔꯦ꯫ ꯃꯐꯝꯁꯤꯡ ꯑꯗꯨꯒꯤ
ꯒꯦꯍꯨ ꯊꯥꯕ ꯏꯆꯤꯟ ꯏꯅꯥꯎꯒꯤ ꯄꯥꯎꯗꯝꯗ ꯒꯦꯍꯨ ꯊꯥꯕꯅ ꯊꯥꯎꯒꯤ
ꯍꯪꯒꯥꯝ ꯊꯥꯕꯗꯒꯤ ꯁꯦꯟꯗꯣꯡ ꯍꯦꯟꯅ WIT ꯍꯥꯏꯔꯤ꯫ ꯍꯪꯒꯥꯝꯁꯨ ꯒꯦꯍꯨꯁꯨ
ꯑꯅꯤꯃꯛ ꯆꯥꯅꯅꯕ ꯈꯨꯗꯣꯡꯆꯥꯕ ꯃꯐꯝꯗ ꯊꯥꯍꯟꯖꯅꯤꯡꯏ꯫ ꯀ꯭ꯔꯣꯞ
ꯗꯥꯏꯚꯔꯁꯤꯐꯠꯀꯦꯁꯟꯒꯤ ꯄꯥꯟꯗꯝꯁꯨ ꯑꯅꯧ ꯑꯅꯧꯕ ꯆꯤꯟꯖꯥꯛꯀꯤ
ꯄꯥꯝꯕꯤ ꯃꯈꯜꯁꯤꯡ ꯂꯝꯗꯝ ꯑꯃꯠꯇꯗꯒꯤ ꯄꯨꯊꯣꯛꯄ ꯑꯗꯨꯅꯤ꯫

ꯃꯇꯝ ꯑꯃꯗꯗꯤ ꯒꯦꯍꯨ ꯈꯥꯎꯔꯕ ꯃꯇꯨꯡꯗ ꯌꯩꯕꯒꯤ ꯈꯨꯠꯁꯨ ꯈꯨꯠꯂꯥꯏ
ꯃꯇꯤꯛ ꯆꯥꯗꯕ, ꯅꯨꯡꯁꯤꯠꯇ ꯌꯥꯎꯕ ꯏꯁꯡꯤ ꯃꯅꯤꯜꯒꯤ ꯆꯥꯡ ꯋꯥꯡꯕ
ꯂꯝꯗꯝ ꯑꯣꯏꯕꯅ ꯒꯦꯍꯨ ꯂꯤꯕꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯗꯕ ꯍꯥꯏꯕꯗꯤ ꯇꯤꯜ-

ꯀꯥꯡ ꯁꯨꯝ-ꯇꯥꯎ ꯌꯥꯝꯅ ꯆꯥꯒꯟꯕ ꯑꯁꯤꯅꯆꯤꯡꯕ ꯃꯔꯝ ꯀꯌꯥꯗꯒꯤ
ꯒꯦꯍꯨ ꯊꯥꯕ ꯄꯥꯝꯂꯕꯁꯨ ꯃꯥꯏ ꯀꯌꯥ ꯄꯥꯛꯂꯝꯗꯦ꯫ ꯑꯗꯨꯕꯨ ꯍꯧꯖꯤꯛꯇꯤ
ꯈꯥꯎꯅꯅꯕ ꯑꯃꯗꯤ ꯌꯩꯅꯅꯕ ꯃꯦꯆꯤꯟ ꯃꯔꯥꯡ ꯀꯥꯏꯔꯛꯄ, ꯒꯦꯍꯨꯒꯤ
ꯁꯤꯖꯤꯟꯅꯐꯝ ꯌꯥꯝꯅ ꯂꯩꯔꯛꯄ ꯃꯔꯝꯅ ꯒꯦꯍꯨ ꯊꯥꯕ ꯄꯥꯝꯅꯔꯛꯂꯦ
ꯍꯥꯏꯕ ꯇꯥꯏ꯫ ꯃꯔꯨ ꯑꯣꯏꯅ ꯆꯦꯟꯒꯨꯝ ꯃꯔꯨ ꯄꯨꯊꯣꯛꯄꯗ ꯃꯅꯤꯄꯨꯔꯗ
ꯄꯨꯊꯣꯛꯄ ꯒꯦꯍꯨ ꯌꯥꯝꯅ ꯄꯥꯝꯅ ꯁꯤꯖꯤꯟꯅꯕ ꯊꯦꯡꯅꯔꯦ꯫ ꯑꯇꯣꯞꯄ
ꯁꯤꯖꯤꯟꯅꯐꯝ ꯀꯌꯥ ꯑꯃꯁꯨ ꯂꯩ, ꯃꯤꯌꯥꯝꯅ ꯍꯦꯟꯅ ꯈꯪꯅꯔꯕ ꯋꯥꯐꯝꯅꯤ꯫

ꯑꯗꯨꯕꯨ ꯂꯥꯏꯕꯛ ꯊꯤꯕꯗꯤ ꯒꯦꯍꯨ ꯊꯥꯕ ꯄꯥꯝꯖꯕ ꯄꯣꯛꯂꯕꯁꯨ ꯒꯦꯍꯨꯁꯤ
ꯀꯔꯝꯅ ꯊꯥꯒꯅꯤ ꯍꯥꯏꯕ ꯈꯪꯗ꯭ꯔꯤꯕ ꯐꯧ ꯊꯥꯕꯒꯨꯝ ꯂꯩꯕꯥꯛ ꯂꯩꯅꯥꯡ ꯇꯥꯅ
ꯅꯩꯔꯒ ꯍꯨꯟꯒꯗ꯭ꯔ ꯍꯥꯏꯅ ꯍꯪꯂꯛꯄ ꯏꯆꯤꯟ ꯏꯅꯥꯎ ꯀꯌꯥ ꯑꯃꯁꯨꯡ
ꯊꯦꯡꯅꯔꯤꯕ ꯑꯁꯤꯅꯤ꯫ ꯈꯔ ꯈꯪꯖꯤꯟꯃꯤꯟꯅꯁꯤ꯫

ꯏꯟꯗꯤꯌꯥꯗ ꯒꯦꯍꯨ ꯃꯈꯜ (ꯁ꯭ꯄꯦꯁꯤꯁ) ꯑꯍꯨꯝ ꯊꯥꯅꯩ꯫ ꯈ꯭ꯋꯥꯏꯗꯒꯤ
ꯍꯦꯟꯅ ꯊꯥꯅꯕꯅ ꯨꯗꯅꯃꯛ wheat ꯍꯥꯏꯅꯁꯨ ꯈꯪꯅꯔꯤꯕ (Triticum

aestivum) ꯍꯥꯏꯔꯤꯕ ꯃꯈꯜ ꯑꯁꯤꯅꯤ꯫ ꯃꯁꯤꯗꯤ ꯆꯄꯥꯇꯤꯒ
(ꯇꯪꯒꯪ) ꯕ꯭ꯔꯦꯗꯀ (ꯗꯕꯂꯨꯇꯤ) ꯁꯥꯕꯗ ꯁꯥꯖꯤꯟꯅꯩ꯫ ꯑꯇꯣꯞꯄ ꯃꯈꯜ

[ae macaroni wheat okTeKb SIeq (Triticum

durum) ꯍꯥꯏꯕꯁꯤꯅꯤ꯫ ꯃꯁꯤꯗꯤ ꯁꯨꯖꯤ ꯑꯃꯁꯨꯡ ꯃꯦꯀ꯭ꯔꯣꯅꯤ

Kkqr KgcgEep! [obAKbqre (Triticum dicoccum)
ꯍꯥꯏꯔꯤꯕ ꯃꯈꯜ ꯑꯁꯤꯅꯤ꯫ ꯃꯈꯜ ꯑꯁꯤꯗꯤ ꯈꯥ ꯚꯥꯔꯠꯀꯤ ꯎꯞꯄꯨꯃ
ꯁꯥꯕꯗ ꯁꯤꯖꯤꯟꯅꯩ꯫

ꯊꯥꯐꯝ ꯁꯦꯝꯕ: ꯍꯨꯜꯂꯤꯕ ꯃꯔꯨ ꯈꯨꯗꯤꯡꯃꯛ ꯃꯇꯣꯟ ꯆꯥꯡ ꯃꯥꯟꯅ
ꯊꯣꯛꯇꯨꯅ ꯅꯤꯡꯊꯤꯅ ꯍꯧꯅꯕꯒꯤꯗꯃꯛ, ꯊꯥꯐꯝ ꯑꯗꯨ ꯅꯤꯡꯊꯤꯅ
ꯈꯣꯏꯔꯕ, ꯆꯥꯡ ꯃꯥꯟꯅꯕ, ꯐꯔ ꯐꯔ ꯂꯥꯎꯕꯃꯛꯇꯤ ꯑꯣꯏꯗꯅ
ꯆꯦꯛꯁꯤꯟꯕꯒ ꯂꯣꯏꯅꯅ ꯂꯩꯇꯦꯝ ꯃꯥꯟꯅꯕ ꯂꯩꯕꯥꯛ ꯗꯔꯀꯥꯔ ꯂꯩ꯫

ꯃꯁꯤꯒꯤꯗꯃꯛ ꯅꯤꯡꯊꯤꯅ ꯈꯣꯏꯔꯕ ꯃꯇꯨꯡꯗ ꯃꯔꯨ ꯍꯨꯟꯗ꯭ꯔꯤꯉꯩꯗ
ꯎꯀꯥꯏ ꯇꯛꯇꯨꯅ ꯅꯝꯁꯤꯟꯕ ꯃꯊꯧ ꯇꯥꯏ꯫

ꯃꯔꯨ ꯍꯨꯟꯕ ꯃꯇꯝ: ꯚꯦꯔꯥꯏꯇꯤ ꯑꯃꯁꯨꯡ ꯂꯝꯗꯝ ꯂꯝꯗꯝꯒꯤ
ꯑꯣꯏꯅ ꯈꯔ ꯈꯦꯟꯅꯔꯕꯁꯨ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯐꯕ ꯍꯨꯟꯕꯒꯤ ꯃꯇꯝꯗꯤ
ꯑꯣꯛꯇꯣꯕꯔꯒꯤ ꯑꯔꯣꯏꯕꯗꯒꯤ ꯅꯕꯦꯝꯕꯔꯒꯤ ꯑꯍꯥꯟꯕ ꯆꯌ
ꯣꯜꯗꯅꯤ꯫ ꯐꯧ ꯃꯇꯝ ꯈꯔ ꯉꯟꯅ ꯂꯣꯛꯈ꯭ꯔꯕ ꯂꯧꯐꯝꯁꯤꯡꯒꯤꯗꯃꯛꯇꯤ
ꯇꯥꯟꯖꯥ ꯑꯁꯤ ꯐꯪꯕ ꯉꯝꯕ ꯌꯥꯏ ꯑꯗꯨꯕꯨ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯑꯌꯥꯝꯕ
ꯂꯧꯐꯝꯁꯤꯡꯗꯤ ꯅꯕꯦꯝꯕꯔ ꯊꯥ ꯐꯥꯎꯕ ꯑꯌꯥꯝꯕꯅ ꯂꯧ ꯂꯣꯛꯄ ꯂꯣꯏꯗꯕ
ꯃꯔꯝꯅ ꯃꯊꯛꯇ ꯊꯝꯈ꯭ꯔꯤꯕ ꯃꯇꯝ ꯑꯁꯤ ꯆꯥꯅꯍꯟꯕ ꯉꯝꯗ꯭ꯔꯕꯁꯨ
ꯈꯔ ꯊꯦꯡꯇꯛꯅ ꯍꯨꯟꯕꯗ ꯑꯗꯨꯃꯛ ꯃꯥꯏ ꯄꯥꯛꯄ ꯉꯝꯒꯅꯤ꯫

ꯀꯌꯥ ꯂꯨꯅ ꯊꯥꯒꯅꯤ: ꯃꯔꯨꯁꯡꯤ ꯑꯗꯨ ꯌꯥꯝꯗ꯭ꯔꯕꯗ ꯁꯦꯟꯇꯤꯃꯤꯇꯔ
5.6 ꯂꯨꯅ ꯊꯥꯕꯤꯒꯅꯤ꯫ ꯃꯁꯤꯗꯒꯤ ꯂꯨꯊꯅ ꯊꯥꯔꯕꯗꯤ ꯃꯇꯣꯟ
ꯊꯣꯛꯄꯒꯤ ꯆꯥꯡ ꯌꯥꯝꯅ ꯅꯦꯝꯒꯅꯤ꯫ ꯄꯔꯦꯡꯗ ꯊꯥꯕꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ
ꯐꯩ꯫ ꯃꯁꯤꯒꯤꯗꯃꯛꯇꯤ ꯂꯥꯡꯒꯣꯜ ꯌꯣꯠꯂꯝꯗ ꯃꯔꯨꯁꯤꯡꯑꯗꯨ ꯆꯥꯡ
ꯃꯥꯟꯅꯅ ꯍꯨꯜꯂꯕ ꯃꯇꯨꯡꯗ ꯐꯩꯅ ꯍꯥꯏꯕꯗꯤ ꯌꯣꯠꯂꯝꯒꯤ ꯃꯥꯌꯣꯛꯇ
ꯎꯀꯥꯏ ꯇꯛꯄ ꯃꯇꯝꯗ ꯑꯃꯨꯛ ꯄꯔꯦꯡ ꯑꯣꯏꯅꯤ꯫ ꯑꯃꯨꯛꯁꯨ ꯐꯩꯗꯣꯝ
ꯐꯩꯗꯣꯝ ꯁꯦꯝꯕꯤꯕꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯐꯩ꯫ ꯃꯁꯤꯅ ꯃꯇꯝ ꯆꯥꯅ ꯏꯁꯤꯡ
ꯆꯟꯕ ꯑꯃꯁꯨꯡ ꯑꯍꯦꯟꯕ ꯏꯁꯤꯡ ꯆꯤꯊꯣꯛꯄꯗ ꯈꯨꯗꯣꯡꯆꯥꯕ ꯌꯥꯝꯅ
ꯍꯦꯜꯂꯤ꯫

ꯃꯔꯨꯒꯤ ꯆꯥꯡ ꯑꯃꯁꯨꯡ ꯑꯔꯟ ꯑꯀꯨꯡ: ꯒꯦꯍꯨ ꯃꯈꯜꯒꯤ ꯃꯇꯨꯡ
ꯏꯟꯅ ꯈꯔ ꯈꯦꯟꯅꯕ ꯂꯩ ꯃꯆꯥ ꯄꯣꯛꯀꯟꯗꯕ ꯑꯉꯟꯕ ꯃꯈꯜꯗꯤ
ꯈꯔ ꯀꯨꯡꯇꯛꯅ ꯍꯨꯟꯒꯅꯤ꯫ ꯃꯆꯥ ꯌꯥꯝꯅ ꯄꯣꯛꯀꯟꯕ, ꯃꯇꯝ ꯈꯔ
ꯁꯥꯡꯕ ꯃꯈꯜꯒꯤ ꯑꯣꯏꯅꯗꯤ ꯈꯔ ꯂꯟꯇꯛꯅ ꯍꯨꯟꯒꯅꯤ꯫ ꯃꯇꯝ
ꯈꯔ ꯊꯦꯡꯈ꯭ꯔꯒꯗꯤ ꯈꯔ ꯀꯨꯡꯇꯛ ꯍꯨꯟꯒꯅꯤ꯫

ꯍꯥꯔꯒꯤ ꯆꯥꯡ: ꯂꯩꯍꯥꯎ ꯈꯦꯟꯅꯕꯒꯤ ꯃꯇꯨꯡ ꯏꯟꯅ ꯈꯦꯟꯅꯕ ꯈꯔ
ꯂꯩꯔꯕꯁꯨ ꯐꯧꯒꯨꯝꯅ ꯁꯪꯉꯝꯗ ꯀꯤꯂꯣ 35-40; ꯁꯤꯡꯒꯜ ꯁꯨꯄꯔ
ꯐꯣꯁꯐꯦꯠ (ꯁꯨꯄꯔ) ꯀꯤꯂꯣ 60, muriate ꯍꯇ potash

(potash) ꯀꯤꯂꯣ 17-20 ꯆꯥꯏꯕꯗ ꯑꯗꯨꯃꯛꯇ ꯐꯕ ꯊꯦꯡꯅꯩ꯫

ꯍꯥꯔ ꯆꯥꯏꯕꯒꯤ ꯃꯑꯣꯡ ꯑꯃꯁꯨꯡ ꯃꯇꯝ: ꯌꯨꯔꯤꯌꯥ ꯑꯅꯤꯔꯛ ꯊꯣꯛꯅ
ꯆꯥꯏꯕ ꯐꯩ꯫ ꯏꯁꯤꯡ ꯆꯟꯕꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯕ ꯋꯥꯠꯄ ꯃꯐꯝꯗꯗꯤ
ꯑꯃꯨꯛꯇ ꯄꯨꯜꯂꯞ ꯑꯔꯣꯏꯕ ꯈꯣꯏꯕꯗ ꯈꯥꯎꯍꯧꯕꯅ ꯍꯦꯟꯅ ꯐꯩ꯫

ꯏꯁꯤꯡ ꯆꯟꯕꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯕ ꯃꯐꯝꯗꯤ ꯑꯅꯤꯔꯛ ꯅꯠꯇ꯭ꯔꯒ
ꯑꯍꯨꯝꯂꯛ ꯊꯣꯛꯅ ꯆꯥꯏꯕ ꯐꯩ꯫ ꯌꯨꯔꯤꯌꯥ ꯑꯄꯨꯟꯕꯒꯤ ꯇꯪꯈꯥꯏ ꯑꯃ
ꯐꯣꯁꯐꯔꯁꯀꯤ ꯍꯥꯔ ꯁꯨꯄꯔꯒꯤ ꯑꯄꯨꯟꯕ ꯁꯔꯨꯛꯀ ꯄꯣꯇꯥꯁꯀꯤ
ꯇꯪꯈꯥꯏ ꯑꯃꯒ ꯄꯨꯟꯅ ꯑꯔꯣꯏꯕ ꯈꯣꯏꯕꯗ ꯈꯣꯏꯖꯤꯟꯕꯤꯍꯧꯒꯅꯤ꯫

ꯑꯅꯤꯁꯨꯕꯒꯤ ꯆꯥꯏꯕꯗ ꯂꯦꯝꯍꯧꯔꯤꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯇꯪꯈꯥꯏꯒ ꯄꯣꯇꯥꯁ
ꯇꯪꯈꯥꯏꯗꯨꯒ ꯄꯨꯟꯅ crown root (ꯃꯋꯨꯒꯤ ꯃꯇꯥꯡꯗ ꯇꯥꯕ ꯃꯔꯥ)
ꯊꯣꯛꯂꯛꯄ ꯃꯇꯝꯗ ꯏꯁꯤꯡ ꯆꯜꯂꯕ ꯃꯇꯨꯡꯗ ꯑꯗꯨꯒ ꯑꯔꯣꯏꯕꯒꯤ
ꯏꯁꯤꯡ ꯆꯜꯂꯕ ꯃꯇꯨꯡꯗ ꯂꯦꯝꯍꯧꯔꯤꯕ ꯌꯨꯔꯤꯌꯥ ꯆꯥꯏꯕꯤꯒꯅꯤ꯫

ꯏꯁꯤꯡ ꯆꯟꯕ: ꯅꯣꯡ ꯆꯨꯗꯕ ꯃꯇꯝ ꯑꯣꯏꯕꯅ ꯏꯁꯤꯡ ꯆꯟꯕꯒꯤ
ꯈꯨꯗꯣꯡꯆꯥꯕ ꯋꯥꯠꯄ ꯃꯐꯝꯗ ꯊꯥꯕ ꯒꯦꯍꯨ ꯃꯄꯨꯡ ꯐꯥꯕ ꯋꯥꯠꯂꯤ ꯃꯔꯝ
ꯑꯗꯨꯅ ꯏꯁꯤꯡꯒꯤ ꯈꯨꯗꯣꯡ ꯆꯥꯕ ꯃꯐꯝꯗ ꯒꯦꯍꯨ ꯊꯥꯕꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯐꯩ꯫

ꯏꯁꯤꯡ ꯂꯤꯛꯄ ꯃꯐꯝꯗꯗꯤ ꯌꯥꯝꯗ꯭ꯔꯕꯗ ꯇꯥꯡꯀꯛ ꯑꯍꯨꯝꯂꯛꯇ
ꯏꯁꯤꯡ ꯆꯟꯕ ꯉꯝꯂꯕꯗꯤ ꯌꯥꯝꯅ ꯐꯔꯦ꯫ ꯇꯉꯥꯏ ꯐꯗꯕ ꯏꯁꯡꯤ _

ꯥꯠꯄꯗ ꯁꯥꯊꯤꯅ ꯆꯥꯊꯣꯛ ꯍꯟꯊꯕ ꯇꯥꯡꯀꯛ ꯑꯍꯨꯝ ꯑꯗꯨꯗꯤ ꯀ꯭ꯔꯥꯎꯟ
ꯔꯨꯠ ꯏꯅꯤꯁꯤꯑꯦꯁꯟ (ꯃꯔꯨ ꯍꯨꯟꯕꯒꯤ ꯅꯨꯃꯤꯠ 25-30) ꯃꯆꯥ
ꯄꯣꯛꯄ ꯂꯣꯏꯁꯤꯜꯂꯛꯄ ꯃꯇꯝ, ꯍꯥꯏꯕꯗꯤ ꯑꯍꯥꯟꯕꯒꯤ ꯏꯁꯤꯡ
ꯆꯟꯈ꯭ꯔꯕ ꯃꯇꯨꯡ ꯅꯨꯃꯤꯠ 25-30 ꯀꯥꯟꯅ-ꯀꯥꯟꯅꯅ ꯑꯅꯤꯔꯛ
ꯑꯃꯒ ꯆꯟꯕꯤꯒꯅꯤ꯫

ꯍꯥꯕꯦꯡꯕ: ꯈꯨꯠꯅ ꯑꯃꯨꯛ ꯄꯦꯡꯕ ꯂꯣꯏꯅꯅ ꯅꯥꯄꯤ ꯍꯤꯗꯥꯛ

metsulfuron ꯃꯔꯨ ꯍꯨꯜꯂꯕ ꯃꯇꯨꯡ ꯅꯨꯃꯤꯠ 25-30 ꯁꯨꯔꯛꯄꯗ
ꯑꯃꯨꯛꯇꯪ ꯀꯥꯞꯊꯣꯛꯄ ꯐꯩ꯫

ꯂꯥꯏꯅꯥ-ꯇꯤꯜꯅꯥ: ꯑꯏꯪꯕ ꯃꯇꯝ ꯑꯣꯏꯕ ꯑꯃꯁꯨꯡ ꯒꯦꯍꯨ ꯑꯅꯧꯕ
ꯄꯥꯝꯕꯤ ꯑꯣꯏꯕꯅ ꯃꯅꯤꯄꯨꯔꯗ ꯒꯦꯍꯨꯒꯤ ꯁꯥꯊꯤꯕ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ ꯀꯌꯥ
ꯊꯦꯡꯅꯗ꯭ꯔꯤ ꯑꯗꯨꯕꯨ ꯃꯤꯀꯨꯞ ꯅꯥꯍꯨꯝ ꯁꯤꯡꯅ ꯁꯦꯅꯕꯤꯒꯅꯤ꯫ ꯃꯇꯝ
ꯃꯇꯝꯒꯤ ꯑꯣꯏꯅ ꯑꯈꯪ ꯑꯍꯩ ꯇꯥꯅꯕꯤꯒꯅꯤ꯫

ꯑꯔꯣꯏꯕꯗ ꯒꯦꯍꯨ ꯊꯥꯗꯨꯅ ꯃꯅꯤꯄꯨꯔꯗ ꯀ꯭ꯔꯣꯞ ꯗꯥꯏꯚꯔꯁꯤꯐꯤꯀꯦꯁꯟ
ꯃꯥꯏ ꯄꯥꯛꯍꯜꯂꯁꯤ ꯍꯥꯏꯕ ꯋꯥꯐꯝ ꯊꯥꯝꯖꯔꯤ꯫