Imphal, ꯂꯣꯞꯛꯃꯧ, August 29, 2016 ꯅꯤꯡꯊꯧꯀꯥꯕ, ꯊꯋꯥꯟꯒꯤ 27 ꯅꯤ ꯄꯥꯟꯕ, ꯃꯥꯂꯤꯌꯥ ꯀꯨꯝꯁꯤꯡ 3414 ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ

HUEIYEN LANPAO 2 myBKgiBxg skSM ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ
ꯎꯍꯩ ꯄꯥꯝꯕꯤꯁꯤꯡ ꯃꯁꯥ ꯃꯔꯦꯡ ꯊꯥꯗꯣꯛꯄ ꯑꯃꯁꯨꯡ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯑꯣꯡ ꯁꯦꯝꯕꯤꯕ
ꯑꯉꯥꯡ ꯑꯃꯕꯨ ꯄꯤꯛꯂꯤꯉꯩꯗ ꯁꯦꯝꯕꯤ ꯁꯥꯕꯤꯗꯨꯅ ꯃꯄꯨꯁꯤꯗ ꯃꯤ
ꯑꯣꯏꯅꯕ ꯑꯃꯗꯤ ꯇꯨꯡ ꯀꯣꯏꯅ ꯃꯄꯨꯟꯁꯤ ꯅꯨꯡꯉꯥꯏꯅ, ꯈꯨꯟꯅꯥꯏꯒꯤ ꯊꯕꯛ
ꯊꯧꯔꯝ ꯀꯌꯥꯗ ꯃꯄꯨꯡꯐꯥꯅ ꯁꯔꯨꯛ ꯌꯥꯗꯨꯅ ꯍꯤꯡꯕ ꯄꯨꯟꯁꯤ ꯑꯃ ꯑꯣꯏꯅꯕ
ꯁꯦꯝꯕꯤ ꯁꯥꯕꯤꯍꯧꯕ ꯍꯥꯏꯕꯁꯤꯗ ꯃꯃꯥ ꯃꯄꯥ ꯑꯣꯏꯔꯤꯕ ꯑꯩꯈꯣꯏꯒꯤ ꯊꯧꯗꯥꯡ \
ꯥꯝꯅ ꯆꯥꯎꯅ ꯂꯩ꯫ ꯃꯇꯧ ꯑꯥꯤꯒꯨꯝꯅ ꯍꯩꯀꯣꯟ ꯁꯣꯟꯅꯔꯤꯕ ꯅꯠꯇ꯭ꯔꯒ ꯍꯩ ꯄꯥꯝꯕꯤ
ꯑꯃꯕꯨ ꯊꯥꯗꯨꯅ ꯃꯍꯩ ꯆꯥꯅꯅꯕ ꯍꯣꯠꯅꯔꯤꯕ ꯑꯩꯣꯏꯅ ꯍꯩ ꯄꯥꯝꯕꯤ ꯑꯗꯨꯕꯨ ꯀꯨꯞꯅ
ꯁꯦꯟꯅꯕ ꯑꯃꯁꯨꯡ ꯁꯦꯝꯕꯤꯕ ꯆꯪꯏ꯫ ꯄꯥꯝꯕꯤꯗꯨꯒꯤ ꯃꯆꯤꯟꯖꯥꯖ ꯅꯤꯡꯊꯤꯅ ꯄꯕ,
ꯃꯇꯝ ꯆꯥꯅ ꯏꯁꯤꯡ ꯆꯥꯏꯕꯤꯕ, ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕ ꯍꯣꯠꯅꯕꯤꯕ
ꯑꯁꯤꯅꯆꯤꯡꯕ ꯊꯕꯛ ꯊꯧꯔꯝ ꯀꯌꯥ ꯑꯃꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕꯁꯤꯡ ꯑꯁꯤ ꯅꯠꯇꯕ
ꯑꯇꯣꯞꯄ ꯃꯔꯨꯑꯣꯏꯕ ꯊꯕꯛ ꯊꯧꯔꯝ ꯑꯃ ꯄꯟꯕ ꯇꯥꯔꯕꯗꯤ ꯍꯩ ꯄꯥꯝꯕꯤ
ꯑꯗꯨꯕꯨ ꯃꯑꯣꯡꯆꯨꯝꯅ ꯑꯄꯥꯝꯕ ꯑꯃꯣꯡꯗ ꯍꯧꯍꯟꯅꯕꯒꯤꯗꯃꯛ ꯆꯥꯡ ꯅꯥꯏꯅ
ꯃꯇꯝ ꯆꯥꯅ, ꯃꯑꯣꯡ ꯆꯨꯝꯅ ꯑꯃꯗꯤ ꯃꯇꯝ ꯆꯥꯅ ꯃꯁꯥ ꯃꯔꯦꯡ ꯊꯥꯗꯣꯛꯄꯤꯕ
ꯑꯃꯗꯤ ꯄꯥꯝꯕꯤꯗꯨꯕꯨ ꯑꯄꯥꯝꯕ ꯑꯆꯨꯝꯕ ꯃꯑꯣꯡꯗ ꯍꯧꯅꯅꯕ ꯁꯦꯝꯕꯤꯕ
ꯍꯥꯏꯕꯁꯤꯁꯨ ꯌꯥꯝꯅ ꯃꯔꯨꯑꯣꯏꯕ ꯊꯕꯛ ꯊꯧꯔꯝ ꯑꯃꯤ ꯍꯥꯏꯖꯅꯤꯡꯏ꯫ ꯃꯁꯤꯕꯨ
myB-KgiBqxg mOEr pruning and training okTe SIep!
pruning ꯍꯥꯏꯕꯁꯤꯅ ꯃꯁꯥ ꯃꯔꯦ ꯡꯀꯛꯄꯕꯨ ꯈꯪꯅꯩ ꯑꯗꯨꯒ training
ꯍꯥꯏꯕꯁꯤꯅ ꯃꯁꯥ ꯃꯔꯦꯡ ꯀꯛꯄ ꯃꯇꯝꯗ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯑꯣꯡ ꯁꯦꯝꯕꯤꯕꯕꯨ
ꯈꯪꯅꯩ꯫ ꯍꯥꯏꯔꯤꯕ ꯊꯕꯛ ꯊꯧꯔꯝ ꯑꯁꯤꯒꯤ ꯇꯣꯉꯥꯟ ꯇꯣꯉꯥꯟꯕ ꯃꯃꯤꯡ, ꯃꯑꯣꯡ
ꯀꯌꯥ ꯑꯃ ꯂꯩꯈ꯭ꯔꯦ꯫ ꯄꯨꯝꯅꯃꯛꯇꯨ ꯑꯃꯃꯝ ꯅꯩꯅꯕꯒꯤ ꯃꯍꯨꯠꯇ ꯃꯔꯨꯑꯣꯏꯕ
ꯎꯍꯩ ꯈꯔꯗꯃꯛ ꯊꯧꯔꯝ ꯑꯁꯤ ꯀꯔꯝꯅ ꯄꯥꯡꯊꯣꯛꯀꯅꯤ ꯍꯥꯏꯕꯗꯨꯒꯤ ꯃꯔꯝꯗ
ꯅꯩꯅꯖꯒꯦ꯫
Pruning ꯒꯤ ꯃꯇꯝ:
ꯅꯣꯡꯖꯨꯊꯥ ꯃꯇꯝꯗ ꯎꯍꯩ ꯄꯥꯝꯕꯤꯒꯤ pruning ꯃꯇꯝ ꯅꯠꯇꯦ꯫
ꯃꯇꯝꯁꯤꯗ pruning ꯇꯧꯕꯗ ꯑꯀꯥꯏꯕ ꯀꯌꯥ ꯑꯃ ꯂꯩ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ
ꯀꯅꯥꯒꯨꯝꯕ ꯈꯪꯍꯧꯗꯕꯗꯒꯤ ꯀꯔꯤꯒꯨꯝꯕ ꯅꯍꯡꯖꯨꯊꯥ ꯃꯇꯝꯗ ꯎꯍꯩꯒꯤ ꯃꯁꯥ ꯃꯔꯦꯡ
ꯀꯛꯂꯨꯔꯕꯗꯤ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ ꯀꯌꯥ ꯑꯃ ꯇꯥꯁꯤꯜꯂꯛꯄꯒꯤ ꯈꯨꯗꯣꯡꯊꯤꯕꯁꯤꯡ
ꯅꯪꯕ ꯌꯥꯏ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯑꯌꯥꯝꯕ ꯎꯍꯩꯁꯤꯡꯒꯤ pruning ꯅꯣꯡꯖꯨꯊꯥ
ꯂꯣꯏꯔꯕ ꯃꯇꯝ ꯑꯣꯛꯇꯣꯕꯔ, ꯅꯕꯦꯝꯕꯔ ꯃꯇꯝꯗ ꯄꯥꯡꯊꯣꯛꯄꯤꯒꯅꯤ꯫
Bop wkAqg Sjxg pruning and training :
ꯆꯝꯄ꯭ꯔꯥ ꯀꯣꯝꯂꯥ:
ꯃꯈꯣꯏꯒꯤ ꯃꯁꯥ ꯃꯔꯦꯡ ꯀꯛꯄꯒꯤ ꯃꯑꯣꯡꯗꯤ ꯑꯍꯟꯕꯗ ꯃꯄꯨꯡ
ꯐꯥꯕ ꯃꯔꯨ ꯑꯃꯇꯪ ꯆꯨꯝꯅ ꯍꯧꯍꯟꯅꯕ ꯍꯣꯠꯅꯒꯤ꯫ ꯑꯇꯣꯞꯄ ꯅꯥꯀꯟꯗ ꯆꯣꯡꯕ
ꯃꯁꯥꯁꯤꯡ ꯅꯤꯡꯊꯤꯅ ꯃꯔꯨ ꯃꯅꯥꯛ ꯅꯛꯅ ꯌꯥꯝꯅ ꯅꯥꯟꯕ ꯃꯑꯣꯡꯗ ꯀꯛꯀꯅꯤ꯫
ꯃꯔꯨ ꯃꯅꯥꯛ ꯅꯛꯅ ꯀꯛꯄꯅ ꯑꯀꯛꯄ ꯃꯐꯝ ꯑꯗꯨ ꯃꯑꯣꯡ ꯆꯨꯝꯅ ꯑꯃꯗꯤ
ꯈꯨꯠꯂꯩ ꯊꯨꯅ ꯐꯥꯖꯤꯟꯕ/ ꯑꯣꯏꯁꯤꯟꯕ ꯉꯝꯍꯜꯂꯤ꯫ ꯑꯁꯨꯝꯅ ꯃꯑꯣꯡ ꯆꯨꯝꯅ
ꯄꯥꯝꯕꯤꯅ ꯍꯧꯒꯠꯂꯕ ꯃꯇꯨꯡꯗ, ꯐꯨꯠ ꯑꯍꯨꯝꯃꯨꯛ ꯋꯥꯡꯕ ꯃꯐꯝꯗ ꯄꯥꯝꯕꯤ ꯃꯇꯣꯟ
ꯑꯗꯨ ꯀꯛꯀꯅꯤ꯫ ꯃꯁꯤꯅ ꯄꯥꯝꯕꯤꯗꯨ ꯃꯁꯥ ꯃꯌꯥꯝ ꯑꯃ ꯆꯣꯡꯍꯟꯕꯗ ꯃꯇꯦꯡ
ꯄꯥꯡꯒꯅꯤ꯫ ꯑꯁꯨꯝꯅ ꯃꯁꯥ ꯀꯌꯥ ꯑꯃ ꯆꯣꯡꯂꯕ ꯃꯇꯨꯡ ꯊꯥ ꯇꯔꯦꯠꯇꯒꯤ ꯆꯍꯤ
ꯑꯃ ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗ ꯑꯃꯨꯛ ꯍꯟꯅ ꯃꯥꯏꯀꯩ ꯃꯔꯤꯗ ꯆꯣꯡꯂꯛꯄ ꯃꯁꯥ
ꯑꯍꯨꯝ ꯅꯠꯇ꯭ꯔꯒ ꯃꯔꯤ ꯀꯛꯂꯒ ꯑꯇꯩ ꯑꯍꯦꯟꯕ ꯃꯁꯥꯁꯤꯡ ꯀꯛꯊꯠꯀꯅꯤ꯫
ꯈꯥꯛꯂꯤꯕ ꯃꯁꯥ ꯑꯍꯨꯝ/ ꯃꯔꯤꯗꯨꯅ ꯄꯥꯝꯕꯤꯗꯨꯒꯤ ꯃꯄꯨꯡ ꯑꯣꯏꯕ ꯃꯁꯥ
ꯑꯣꯏꯅꯕ ꯁꯦꯝꯕꯤꯒꯗꯧꯔꯤꯕꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕ ꯈꯥꯛꯂꯤꯕ ꯃꯁꯥꯁꯤꯡ ꯑꯗꯨꯗ
ꯎꯍꯩ ꯄꯥꯟꯅꯕ ꯁꯦꯝꯕꯤꯕ ꯌꯥꯔꯦ꯫ ꯑꯁꯨꯝꯅ ꯁꯦꯝꯕꯤꯔꯕ ꯃꯇꯨꯡ ꯎꯍꯩ ꯄꯥꯜꯂꯕ
ꯄꯥꯝꯕꯤꯗ pruning ꯇꯧꯕꯤꯒꯦ ꯍꯥꯏꯔꯕꯤ ꯄꯥꯝꯕꯤꯗꯨꯗ ꯆꯣꯡꯂꯛꯄ ꯀꯥ
ꯍꯦꯟꯅ ꯃꯁꯥ ꯐꯕ ꯆꯤꯊꯦꯛ ꯅꯥꯏꯕ, ꯇꯤꯡꯈꯪ ꯌꯥꯝꯅ ꯁꯥꯡꯅ ꯄꯥꯟꯕ ꯆꯞ ꯌꯨꯡꯅ
ꯊꯤꯟꯒꯠꯂꯛꯄ/ ꯆꯣꯡꯈꯠꯂꯛꯄ ꯃꯁꯥ ꯌꯥꯎꯔꯕꯗꯤ ꯃꯗꯨꯁꯨ ꯃꯇꯝ ꯃꯇꯝꯗꯨꯗ
ꯀꯛꯊꯠꯍꯧꯒꯅꯤ꯫ ꯃꯈꯣꯏꯁꯤꯕꯨ water sprout ꯍꯥꯏꯅ ꯈꯪꯅꯩ꯫ ꯎꯍꯩ
ꯊꯥꯔꯤꯕ ꯑꯩꯈꯣꯏꯅꯗꯤ ꯄꯥꯝꯕꯤ ꯕꯃꯁꯥꯐꯅ ꯍꯧꯔꯦ ꯈꯟꯕ ꯌꯥꯏ ꯑꯗꯨꯕꯨ ꯃꯁꯥ ꯑꯁꯤꯅ
ꯎꯍꯩ ꯄꯥꯟꯒꯗꯕ ꯑꯇꯩ ꯃꯁꯥꯁꯤꯡꯕꯨ ꯍꯩ ꯄꯥꯟꯕ ꯋꯥꯠꯍꯟꯒꯗꯧꯔꯤꯕꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕ
ꯃꯁꯥ ꯃꯈꯜ ꯑꯁꯤ ꯎꯍꯩ ꯄꯥꯟꯗ꯭ꯔꯤꯉꯩ ꯃꯇꯝꯗꯁꯨ ꯊꯦꯡꯅꯕ ꯌꯥꯏ꯫ ꯃꯇꯝꯗꯨꯗꯒꯤ
ꯍꯧꯅ ꯑꯁꯤꯒꯨꯝꯕ ꯃꯁꯥꯁꯤꯡ ꯀꯛꯄꯤꯒꯅꯤ꯫ ꯑꯇꯣꯞꯄ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ ꯆꯦꯟꯕ,
ꯃꯁꯥ ꯂꯣꯟꯁꯤꯟꯅꯕ, ꯈꯨꯗꯤꯡꯃꯛ ꯃꯇꯝ ꯆꯥꯅ ꯀꯛꯊꯠꯄꯤꯒꯅꯤ꯫
ꯍꯩꯅꯧ:
ꯍꯩꯅꯧ ꯄꯥꯝꯕꯤꯗ pruning ꯇꯧꯕꯒꯤ ꯃꯊꯧ ꯀꯌꯥ ꯇꯥꯗꯦ꯫ ꯑꯗꯨꯝ
ꯑꯣꯏꯅꯃꯛ ꯑꯀꯪꯕ, ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ ꯆꯦꯟꯕ, ꯑꯃꯒ ꯑꯃꯒ ꯂꯣꯟꯁꯤꯟꯅꯕ
ꯃꯁꯥ ꯌꯥꯎꯔꯕꯗꯤ ꯑꯗꯨꯃꯛ ꯀꯛꯊꯠꯄꯤꯒꯅꯤ꯫

ꯄꯨꯡꯗꯣꯟ:
ꯃꯇꯝ ꯑꯃꯗꯗꯤ ꯄꯨꯡꯗꯣꯟ ꯄꯥꯝꯕꯗ pruning ꯇꯧꯅꯔꯝꯗꯦ
ꯑꯗꯨꯕꯨ ꯃꯇꯝꯗꯒꯤ ꯃꯇꯨꯡꯏꯟꯅ ꯍꯩꯀꯣꯟꯒꯤ ꯃꯦꯅꯦꯖꯃꯦꯟꯠꯇ ꯑꯍꯣꯡꯕ
ꯀꯌꯥ ꯑꯃ ꯂꯥꯛꯄ ꯃꯔꯝꯅ ꯄꯨꯡꯗꯣꯟ ꯄꯥꯝꯕꯤꯗ pruning ꯇꯧꯕꯗ
ꯀꯥꯟꯅꯕ ꯐꯪꯂꯦ꯫ ꯃꯄꯨꯡ ꯐꯥꯔꯕ ꯆꯍꯤ ꯂꯤꯔꯕ ꯄꯥꯝꯕꯤꯗꯨꯗ ꯆꯣꯡꯂꯤꯕ
ꯃꯔꯨꯑꯣꯏꯕ ꯃꯁꯥꯁꯤꯡ ꯑꯗꯨꯗꯒꯤ ꯃꯁꯥ ꯐꯕ ꯃꯁꯥ ꯑꯍꯨꯝ ꯃꯔꯤ ꯈꯜꯂꯒ
ꯅꯦꯝꯇꯛꯅ ꯍꯥꯏꯕꯗꯤ ꯐꯨꯠ ꯑꯍꯨꯝꯃꯨꯛ ꯋꯥꯡꯕ ꯃꯐꯝꯗ ꯃꯁꯥꯁꯤꯡ
ꯑꯗꯨ ꯀꯛꯂꯕꯗꯤ ꯑꯅꯧꯕ ꯃꯁꯥ ꯀꯌꯥ ꯑꯃ ꯆꯣꯡꯍꯜꯂꯕ ꯃꯇꯨꯡꯗ ꯃꯌ
ꯥꯏꯔꯣꯝꯗ ꯆꯣꯡꯂꯛꯄ ꯃꯁꯥꯁꯤꯡ ꯀꯛꯂꯒ ꯃꯇꯥꯏꯔꯣꯝꯗ ꯃꯁꯥꯁꯤꯡ
ꯍꯥꯏꯗꯣꯛꯍꯜꯂꯕꯗꯤ ꯄꯨꯡꯗꯣꯟꯁꯤꯡ ꯅꯤꯡꯊꯤꯅ ꯅꯦꯃꯅ ꯅꯦꯃꯅ ꯃꯐꯨꯡ
ꯐꯥꯅ ꯄꯥꯟꯕꯤ ꯄꯥꯎ ꯂꯩ꯫ ꯑꯅꯦꯝꯕ ꯄꯥꯝꯕꯤ ꯑꯣꯏꯔꯕꯅꯤꯅ ꯁꯦꯟꯅꯕꯗꯁꯨ
ꯂꯥꯏꯍꯜꯂꯤ꯫ ꯑꯁꯨꯝꯅ ꯍꯧꯔꯤꯕ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯌꯥꯏ ꯊꯪꯕ ꯁꯔꯨꯛ ꯍꯥꯡꯍꯟꯗꯨꯅ
ꯃꯇꯥꯏꯗ ꯃꯁꯥꯁꯤꯡ ꯅꯤꯡꯊꯤꯅ ꯆꯣꯡꯍꯟꯗꯨꯅ ꯁꯦꯝꯕꯤꯕꯒꯤ ꯃꯑꯣꯡ ꯑꯁꯤꯕꯨ
ꯑꯣꯄꯟ ꯁꯦꯟꯇ꯭ꯔꯦꯜ ꯍꯥꯏꯅ ꯈꯪꯅꯩ꯫ ꯑꯁꯨꯝꯅ ꯁꯦꯝꯕꯤꯕ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯅꯥ
ꯈꯨꯗꯤꯡꯃꯛ ꯅꯨꯡꯁꯥ ꯃꯉꯥꯜ ꯅꯤꯡꯊꯤꯅ ꯐꯪꯗꯨꯅ ꯑꯐꯟꯕ, ꯑꯊꯨꯕ ꯑꯃꯁꯨꯡ
ꯃꯄꯨꯡ ꯐꯥꯕ ꯎꯍꯩ ꯄꯥꯟꯕꯗ ꯃꯇꯦꯡ ꯄꯥꯡꯏ꯫
ꯑꯪꯒꯨꯔ:
ꯃꯅꯤꯄꯨꯔꯗ ꯑꯪꯒꯨꯔ ꯃꯥꯏ ꯄꯥꯛꯅ ꯊꯥꯅꯕ ꯍꯧꯔꯦ꯫ ꯑꯪꯒꯨꯔꯗꯤ pruning
and training fyrq \krl mOTee pruning fyq afArKb
ꯌꯥꯝꯅ ꯆꯦꯛꯁꯤꯟꯕ ꯐꯩ꯫ ꯂꯝ ꯂꯝꯒꯤ ꯑꯃꯗꯤ ꯚꯦꯔꯥꯏꯇꯤ ꯇꯣꯉꯥꯟꯕꯒꯤ
ꯃꯇꯨꯡ ꯏꯟꯅ pruning ꯃꯇꯝ ꯑꯃꯁꯨꯡ ꯃꯑꯣꯡ ꯈꯦꯟꯅꯩ꯫ ꯄꯥꯝꯕꯤ
ꯑꯁꯤꯒꯤ pruning ꯇꯧꯕꯗ ꯈꯪꯖꯤꯟꯕ ꯌꯥꯕ ꯈꯔꯈꯛꯇꯪ ꯊꯝꯖꯒꯦ꯫
ꯊꯥꯕꯗꯒꯤ ꯏꯍꯥꯟ ꯍꯥꯟꯕ ꯃꯄꯥꯟ ꯁꯥꯔꯛꯄ ꯈꯨꯗꯤꯡꯃ ꯊꯗꯠꯄꯤꯒꯅꯤ꯫ ꯃꯁꯤꯅ
ꯄꯥꯝꯕꯤꯗꯨ ꯃꯄꯨꯡ ꯐꯥꯍꯟꯕꯗ ꯃꯇꯦꯡ ꯑꯣꯏꯒꯅꯤ꯫ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯑꯣꯡ ꯑꯗꯨ
ꯆꯨꯝꯅ ꯀꯥꯍꯟꯕꯤꯒꯅꯤ꯫ ꯀꯌꯥꯝ ꯌꯥꯝꯅ ꯋꯥꯍꯟꯒꯅꯤ ꯍꯥꯏꯕꯗꯨꯁꯨ ꯑꯩꯒꯤ ꯏꯁꯥꯒꯤ
ꯊꯥꯔꯤꯕ ꯃꯐꯝꯗꯨꯒꯤ ꯃꯇꯨꯡꯏꯅ ꯈꯟꯕꯤꯍꯧꯒꯅꯤ꯫ ꯁꯥꯔꯤꯕ ꯁꯒꯥꯏꯗꯨꯒ ꯆꯥꯟꯅꯕ
ꯃꯔꯤꯁꯤꯡ ꯑꯗꯨꯃ ꯄꯨꯡ ꯐꯥꯅ ꯊꯥꯍꯧꯅꯕ ꯈꯟꯕꯤꯒꯅꯤ꯫ ꯃꯁꯥꯁꯤꯡ ꯑꯗꯨ ꯌꯥꯝꯅ
ꯀꯨꯡꯅ ꯄꯥꯜꯂꯕꯗꯤ ꯈꯔ ꯂꯟꯗꯣꯛꯍꯟꯕ ꯀꯥꯟꯅꯒꯅꯤ꯫ ꯃꯁꯤꯅ ꯃꯅꯥꯁꯤꯡꯗ
ꯅꯨꯡꯁꯤꯠ ꯑꯃꯗꯤ ꯅꯨꯡꯁꯥ ꯃꯔꯡ ꯀꯥꯏꯅ ꯐꯪꯍꯟꯗꯨꯅ ꯃꯅꯥꯅ ꯃꯆꯤꯟꯖꯥꯛ
ꯁꯨꯡꯕꯗ ꯃꯇꯦꯡ ꯑꯍꯏ ꯑꯃꯗꯤ ꯂꯥꯏꯅꯥ ꯇꯥꯕꯗꯒꯤ ꯀꯟꯕ ꯉꯝꯍꯜꯂꯤ꯫
ꯑꯪꯒꯨꯔ ꯄꯥꯜꯂꯤꯕ ꯄꯥꯝꯕꯤꯗ ꯆꯣꯡꯂꯛꯄ ꯃꯍꯩ ꯄꯥꯟꯕ ꯃꯁꯥꯁꯤꯡ ꯑꯃꯗꯤ
ꯃꯀꯣꯏꯁꯤꯡ ꯂꯧꯊꯣꯛꯄ ꯀꯥꯟꯅꯩ꯫ ꯆꯔꯣꯡ ꯄꯥꯜꯂꯤꯕ ꯃꯁꯥꯒꯤ ꯑꯔꯣꯏꯕꯗ
ꯃꯅꯥ ꯃꯔꯤꯒꯨꯝꯕ ꯈꯥꯛꯂꯒ ꯃꯇꯣꯟ ꯊꯗꯠꯄꯁꯤꯁꯨ ꯃꯍꯩ ꯃꯄꯨꯡ ꯐꯥꯍꯟꯕ
ꯃꯇꯦꯡ ꯄꯥꯡꯏ꯫ ꯃꯅꯤꯄꯨꯔꯗ ꯊꯥꯔꯤꯕ ꯑꯪꯒꯨꯔꯁꯤꯡ ꯚꯦꯔꯥꯏꯇꯤ ꯃꯁꯛ ꯈꯪꯕꯒ
ꯂꯣꯏꯅꯅ ꯁꯒꯥꯏ ꯁꯥꯕꯒꯤ ꯃꯑꯣꯡ ꯈꯪꯗꯣꯛꯄ ꯃꯊꯧ ꯇꯥꯏ꯫ ꯀꯔꯝꯕ ꯃꯇꯝꯗ
pruning ꯇꯧꯕꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯍꯦꯟꯅ ꯐꯩ ꯍꯥꯏꯕꯅꯆꯤꯡꯕ ꯈꯪꯗꯍꯛꯇꯨꯅ
ꯃꯇꯝ ꯆꯥꯅ ꯃꯑꯣꯡ ꯆꯨꯝꯅ pruning ꯇꯧꯔꯕꯗꯤ ꯑꯪꯒꯨꯔ ꯊꯥꯕꯒꯤ ꯀꯥꯟꯅꯕ
ꯍꯦꯟꯅ ꯐꯪꯒꯅꯤ ꯈꯜꯂꯤ꯫ ꯃꯁꯤꯒ ꯑꯀꯨꯞꯄ ꯋꯥꯐꯝ ꯃꯃꯥꯡꯒꯤ ꯈꯨꯠꯏ ꯈꯔꯗ
ꯊꯝꯖꯈ꯭ꯔꯦ꯫ ꯈꯪꯖꯤꯟꯕꯗ ꯀꯥꯟꯅꯕ ꯋꯥꯐꯝ ꯑꯃꯅ ꯑꯪꯒꯨꯔꯗꯤ ꯆꯍꯤ ꯐꯥꯔꯕ
ꯃꯔꯤꯗ ꯆꯣꯡꯂꯛꯄ ꯃꯁꯥꯁꯤꯡꯗ ꯃꯍꯩ ꯄꯥꯟꯒꯗꯧꯔꯤꯕꯅꯤ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯃꯁꯥ
ꯊꯥꯕ ꯃꯇꯝꯗ ꯆꯍꯤ ꯐꯥꯔꯕ ꯃꯁꯥ ꯃꯄꯨꯡ ꯐꯥꯅ ꯈꯥꯛꯂꯒ ꯀꯥꯟꯅꯗꯕ ꯑꯍꯦꯟꯕ
ꯑꯀꯨꯡꯕ ꯃꯁꯥ ꯂꯧꯊꯣꯛꯄꯤꯒꯅꯤ꯫ ꯃꯁꯥ ꯊꯥꯕ ꯃꯇꯝꯗ ꯌꯥꯝꯅ ꯆꯦꯛꯁꯤꯟꯕꯁꯨ
ꯆꯪꯏ ꯃꯔꯝꯗꯤ ꯆꯍꯤ ꯐꯥꯗ꯭ꯔꯤꯕ ꯃꯁꯥ ꯈꯥꯛꯍꯧꯔꯒ ꯆꯍꯤ ꯐꯥꯔꯕ ꯃꯁꯥꯁꯤꯡꯅ
ꯀꯛꯊꯠꯈ꯭ꯔꯕꯗꯤ ꯃꯊꯪ ꯆꯍꯤꯗ ꯑꯪꯒꯨꯔ ꯄꯥꯜꯂꯣꯏꯗꯧꯔꯤꯕꯅꯤ꯫
Pruning ꯒꯤ ꯀꯥꯟꯅꯕ:
ꯄꯥꯝꯕꯤ ꯈꯨꯗꯤꯡꯃꯛꯀꯤ ꯑꯣꯏꯅ ꯃꯁꯥ ꯃꯔꯦꯡ ꯀꯛꯄꯒꯤ ꯀꯥꯟꯕ
ꯑꯗꯨꯃꯛ ꯂꯩ꯫ ꯑꯍꯦꯟꯕ ꯃꯁꯥ ꯃꯔꯦꯡ ꯂꯧꯊꯣꯛꯄꯅ ꯄꯥꯜꯂꯤꯕ ꯃꯍꯩꯁꯤꯡ ꯃꯄꯨꯡ
ꯐꯥꯍꯟꯕ ꯉꯝꯃꯤ꯫ ꯃꯔꯝꯗꯤ ꯀꯥꯟꯅꯗꯕ ꯃꯁꯥ ꯃꯔꯦꯡꯁꯤꯡꯗꯨꯅ ꯑꯔꯦꯝꯕꯗ
ꯄꯥꯝꯕꯤꯒꯤ ꯃꯆꯤꯟꯖꯥꯛ ꯆꯥꯊꯣꯛꯈꯤꯕ ꯃꯔꯝꯅ ꯄꯥꯜꯂꯤꯕ ꯎꯍꯩ ꯃꯄꯨꯡ ꯐꯥꯕ
ꯋꯥꯠꯍꯜꯂꯤ꯫ ꯃꯈꯣꯏꯅ ꯁꯤꯖꯤꯟꯅꯊꯣꯛꯈꯤꯒꯗꯕ ꯃꯆꯤꯟꯖꯥꯛꯁꯤꯡ ꯑꯗꯨ
ꯄꯥꯜꯂꯤꯕ ꯎꯍꯩꯁꯤꯡꯗ ꯐꯪꯍꯟꯗꯨꯅ ꯃꯄꯨꯡ ꯐꯥꯅꯕꯔꯣꯝꯗ ꯑꯣꯏꯅ ꯁꯤꯖꯤꯟꯅꯍꯟꯕ
ꯉꯝꯍꯜꯂꯤ ꯍꯥꯏꯕꯅꯤ꯫
ꯃꯁꯥ ꯀꯛꯄꯒꯤ ꯃꯑꯣꯡ:

ꯃꯁꯥ ꯀꯛꯄ ꯃꯇꯝꯗ ꯃꯁꯥ ꯑꯗꯨ ꯄꯥꯜꯂꯤꯕ ꯃꯑꯣꯡ ꯅꯠꯇ꯭ꯔꯒ ꯃꯁꯥ
ꯑꯗꯨꯒꯤ ꯃꯈꯣꯡ ꯊꯦꯡꯅ ꯍꯥꯏꯕꯗꯤ ꯃꯔꯨꯒꯤ ꯃꯅꯥꯛ ꯅꯛꯅ ꯀꯛꯄꯤꯒꯅꯤ꯫
ꯃꯁꯤꯅ ꯑꯀꯛꯄ ꯃꯐꯝ ꯑꯗꯨ ꯊꯨꯅ ꯑꯣꯏꯁꯤꯟꯕꯗ ꯃꯇꯦꯡ ꯄꯥꯡꯏ꯫ ꯃꯈꯣꯡ
ꯊꯦꯡꯅ ꯀꯛꯄ ꯌꯥꯗꯕ ꯅꯠꯇ꯭ꯔꯒ ꯊꯦꯡꯅꯗꯅ ꯀꯛꯇꯕ ꯌꯥꯗꯕ ꯃꯑꯣꯡ
ꯑꯣꯏꯔꯒꯅ ꯀꯛꯐꯝ ꯑꯗꯨꯒꯤ ꯃꯃꯥꯏ ꯑꯗꯨ ꯃꯈꯥꯗ ꯑꯣꯟꯊꯕ ꯃꯑꯣꯡꯗ
ꯊꯝꯕꯤꯒꯅꯤ꯫ ꯃꯁꯤꯅ ꯂꯤꯛꯂꯥ ꯅꯠꯇ꯭ꯔꯒ ꯅꯣꯡꯒꯤ ꯏꯁꯤꯡ ꯇꯨꯡꯁꯤꯟꯗꯨꯅ ꯃꯁꯥ
ꯑꯗꯨ ꯀꯣꯛꯐꯥꯏ ꯁꯨꯖꯥ ꯇꯥꯕꯗꯒꯤ ꯀꯟꯕ ꯉꯝꯃꯤ꯫
ꯆꯝꯄ꯭ꯔꯥ, ꯀꯣꯝꯂꯥ, ꯑꯪꯒꯨꯔ, ꯄꯨꯡꯗꯣꯟꯅꯆꯤꯡꯕ ꯄꯥꯝꯕꯤꯗꯤ ꯌꯦꯟꯅꯤꯡ
ꯍꯨꯟꯅ ꯍꯨꯟꯅ ꯑꯅꯧꯕ ꯍꯨꯜꯂꯤꯕ ꯃꯁꯥꯗꯨꯗ ꯃꯄꯥꯟ ꯁꯥꯗꯨꯅ ꯃꯍꯩ ꯄꯥꯜꯂꯤ꯫
ꯑꯁꯤꯒꯨꯝꯕ ꯄꯥꯝꯕꯤꯒꯤꯗꯃꯛꯇꯤ ꯑꯔꯤꯕ ꯃꯁꯥ ꯆꯍꯤ ꯐꯥꯔꯕ ꯅꯠꯇ꯭ꯔꯒ
ꯈꯔ ꯍꯦꯜꯂꯕ ꯃꯁꯥꯁꯤꯡ ꯃꯄꯨꯡ ꯐꯥꯅ ꯃꯐꯝ ꯆꯥꯅ ꯈꯥꯛꯂꯕꯗꯤ ꯃꯊꯪ ꯆꯍꯤꯗ
ꯎꯍꯩ ꯅꯤꯡꯊꯤꯅ ꯄꯥꯟꯕ ꯉꯝꯃꯤ꯫ ꯅꯥꯁꯄꯥꯇꯤ, ꯆꯨꯝꯕ꯭ꯔꯩ, ꯍꯩꯈꯥ, ꯃꯥꯜꯍꯩꯅꯆꯤꯡꯕ
ꯄꯥꯝꯕꯤꯗ ꯑꯔꯤꯕ ꯃꯁꯥꯗ ꯇꯤꯡꯈꯪ ꯃꯥꯟꯕ
spur ꯍꯥꯏꯅ ꯈꯪꯅꯕ ꯁꯔꯨꯛꯁꯤꯡ ꯊꯤꯟꯗꯣꯛ ꯊꯤꯟꯗꯣꯛꯇꯨꯅ ꯌꯥꯎꯏ꯫
ꯍꯥꯏꯔꯤꯕ spur ꯁꯤꯡ ꯑꯁꯤꯗꯅꯤ ꯃꯄꯥꯟ ꯁꯥꯗꯨꯅ ꯎꯍꯩ ꯄꯥꯟꯒꯗꯧꯔꯤꯕꯁꯤ꯫
ꯃꯁꯥ ꯊꯥꯕ ꯃꯇꯝꯗ ꯑꯁꯤꯒꯨꯝꯕ spur ꯌꯥꯎꯕ ꯃꯁꯥꯁꯤꯡ ꯂꯣꯏꯅ
ꯊꯥꯗꯣꯛꯈ꯭ꯔꯕꯗꯤ ꯃꯊꯪ ꯆꯍꯤꯗ ꯎꯍꯩ ꯄꯥꯜꯂꯣꯏꯗꯧꯔꯤꯕꯅꯤ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ \
ꯥꯝꯅ ꯆꯦꯛꯁꯤꯟꯅ spur ꯌꯥꯎꯕ ꯃꯁꯥꯁꯤꯡ ꯈꯥꯛꯂꯒ spur ꯌꯥꯝꯅ ꯌꯥꯎꯗꯕ
ꯑꯍꯦꯟꯕꯅꯤ ꯈꯟꯕ ꯃꯁꯥꯁꯤꯡꯇꯃꯛ ꯊꯥꯗꯣꯛꯄꯤꯒꯅꯤ꯫

ꯑꯁꯨꯝꯅ ꯎꯍꯩ ꯈꯨꯗꯤꯡꯃꯛꯀꯤ ꯃꯔꯝꯗ ꯈꯪꯗꯣꯛꯅꯕ ꯍꯣꯠꯅꯔꯕꯗꯤ ꯎꯍꯩ
ꯊꯥꯕꯒꯤ ꯀꯥꯟꯅꯕ ꯈꯔ ꯍꯦꯟꯅ ꯐꯪꯒꯅꯤ ꯈꯜꯂꯤ꯫

ꯑꯦꯁ ꯁꯨꯃꯪꯒꯣꯜ ꯁꯤꯡꯍ
ꯂꯧꯎ-ꯁꯤꯡꯎꯒꯤ ꯋꯥꯍꯡ ꯄꯥꯎꯈꯨꯝ
1꯫ ꯈꯥꯃꯦꯟ ꯑꯁꯤꯟꯕ, ꯅꯥꯝꯙꯥꯔꯤꯒꯤ ꯃꯈꯜꯅꯤ; ꯃꯅꯥꯁꯤ ꯄꯤꯛꯁꯤꯜꯂꯒ
ꯀꯣꯟꯁꯤꯟ ꯀꯣꯟꯁꯤꯟꯅ ꯂꯩ ꯑꯃꯁꯨꯡ ꯀꯣꯟꯁꯤꯜꯂꯤꯕ ꯃꯅꯥꯁꯤꯡꯒꯤ
ꯃꯅꯨꯡꯗ ꯇꯤꯜꯀꯨꯞ ꯃꯌꯥꯝ ꯑꯃ ꯌꯥꯎꯏ꯫ ꯇꯤꯜ ꯇꯔꯈꯛ ꯌꯥꯎꯔꯝꯕꯁꯨ \
ꯥꯎꯏ꯫ ꯃꯁꯤ ꯍꯥꯠꯅꯕ ꯀꯔꯤ ꯍꯤꯗꯥꯛ ꯁꯤꯖꯤꯟꯅꯒꯅꯤ꯫
- ꯑꯍꯣꯡꯁꯥꯡꯕꯝ ꯍꯦꯔꯥꯃꯅꯤ, ꯊꯧꯕꯥꯜ ꯂꯩꯁꯥꯡꯊꯦꯝ
c Diafenthiuron 50% (Pegasus) xDjkA 12.5
(ꯒ꯭ꯔꯥꯝ 25 ꯌꯥꯎꯕ ꯍꯤꯗꯥꯛꯇꯨꯒꯤ ꯇꯪꯈꯁꯏ ꯑꯃ) ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15
ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯒ ꯃꯅꯥꯒꯤ ꯃꯈꯥ ꯊꯪꯕ ꯃꯥꯏꯀꯩꯗꯁꯨ ꯆꯣꯠꯅꯕ ꯁ꯭ꯄ꯭ꯔꯦꯌ
ꯔꯒꯤ ꯅꯣꯖꯜ ꯃꯊꯛ ꯑꯣꯟꯊꯣꯛꯂꯒ ꯀꯥꯞꯈꯠꯀꯅꯤ꯫ ꯃꯅꯥꯁꯤ ꯃꯊꯛ ꯃꯈꯥ
ꯆꯣꯠꯍꯟꯒꯅꯤ꯫

2꯫ ꯑꯣꯔꯒꯅꯤꯛ ꯑꯣꯏꯅ ꯄꯨꯊꯣꯛꯄ ꯄꯣꯠꯊꯣꯛꯁꯤꯡ ꯌꯥꯝꯅ ꯄꯥꯝꯅꯩ꯫
ꯃꯃꯜꯁꯨ ꯋꯥꯡꯏ꯫ ꯑꯗꯨꯕꯨ ꯄꯣꯠꯂꯝꯁꯤꯡ ꯑꯁꯤ ꯄꯨꯊꯣꯛꯅꯕ ꯍꯣꯠꯅꯕꯗ
ꯊꯥꯔꯤꯕ ꯄꯥꯝꯕꯤꯁꯤꯡꯗꯨꯗ ꯇꯥꯔꯤꯕ ꯂꯥꯏꯅ ꯇꯤꯜꯅꯥꯁꯤꯡ ꯂꯥꯛꯁꯤꯟꯅꯕ
ꯍꯤꯗꯥꯛꯁꯤꯡ ꯃꯄꯨ ꯐꯥꯅ ꯐꯪꯒꯗ꯭ꯔ?
-ꯅꯨꯄꯥꯃꯆꯥ ꯁꯤꯡꯍ, ꯀꯛꯆꯤꯡ ꯋꯥꯏꯔꯤ
ꯖ ꯍꯤꯗꯥꯛ ꯃꯔꯥꯡ ꯀꯥꯏꯅ ꯐꯪꯂꯦ꯫ ꯅꯥꯄꯤ ꯍꯥꯠꯅꯕ ꯍꯤꯗꯥꯛ ꯑꯃꯁꯨꯡ
ꯀꯣꯛꯐꯥꯏ ꯂꯛꯁꯤꯟꯅꯕ ꯍꯤꯗꯥꯛꯅꯆꯤꯡꯗ ꯑꯋꯥꯠꯄ ꯈꯔꯥ ꯂꯩꯔꯕꯁꯨ
ꯑꯣꯔꯒꯅꯤꯛ ꯐꯥꯔꯃꯤꯡ ꯇꯧꯕꯗ ꯊꯣꯏꯅ ꯂꯨꯕ ꯍꯥꯏꯕꯗꯨꯗꯤ ꯑꯣꯏꯔꯔꯣꯏ꯫
ꯄꯥꯝꯕꯤꯁꯤꯡ ꯊꯥꯕꯗ ꯂꯥꯏꯅ ꯇꯤꯜꯅꯥꯒꯤ ꯂꯥꯛꯁꯤꯟꯕꯗ ꯆꯪꯂꯤꯕ ꯈ꯭ꯋꯥꯏꯗꯒꯤ
ꯃꯔꯨ ꯑꯣꯏꯕ ꯄꯥꯝꯕꯩꯗꯤ “ꯊꯥꯕꯒꯤ ꯀꯥꯡꯂꯣꯟ” ꯆꯨꯝꯕ ꯍꯥꯏꯕꯁꯤꯅꯤ꯫

3꯫ ꯍꯧꯈꯤꯕ ꯆꯍꯤꯗ ꯑꯩꯒꯤ ꯂꯧꯐꯝꯗ Wt ꯆꯔꯣꯡꯒꯤ ꯃꯊꯛꯇ
ꯈꯥꯝꯗꯦꯛꯄꯤ ‘ꯅꯦꯛ ꯕ꯭ꯂꯥꯁꯠ” ꯌꯥꯝꯅ ꯇꯥꯈꯤ꯫ꯐꯧꯍꯥꯝ ꯌꯥꯝꯅ ꯁꯥꯠꯈꯤ; ꯐꯧꯊꯣꯛ
ꯌꯥꯝꯅ ꯍꯟꯊꯈꯤ꯫ ꯀꯨꯝꯁꯤꯗꯤ ꯌꯥꯏꯅꯥ ꯁꯤꯗꯒꯤ ꯉꯥꯛꯊꯍꯛꯅꯕ ꯀꯔꯤ
ꯇꯧꯍꯧꯕ ꯇꯥꯕꯒꯦ?
-ꯊꯥꯎꯅꯥꯎꯖꯝ ꯄ꯭ꯔꯕꯤꯟ ꯁꯤꯡꯍ, ꯋꯥꯕꯒꯥꯏ
ꯖ ꯐꯧꯅꯥꯁꯤꯡꯗ ꯃꯤꯠ ꯃꯑꯣꯡ ꯃꯥꯟꯕ, ꯃꯇꯝ ꯀꯨꯏꯁꯤꯜꯂꯛꯄꯒ ꯂꯣꯏꯅꯅ
ꯗꯥꯒꯁꯤꯡ ꯁꯝꯖꯤꯟꯅꯔꯛꯄ ꯂꯤꯐ ꯕ꯭ꯂꯥꯁꯠ ꯇꯥꯍꯟꯗꯅꯕ ꯆꯦꯛꯁꯤꯟꯒꯅꯤ꯫
ꯊꯪꯅꯕ ꯂꯧꯐꯝꯁꯤꯡꯗꯁꯨ ꯂꯥꯏꯅꯥꯁꯤ ꯇꯥꯔꯕꯗꯤ ꯆꯦꯛꯁꯤꯟꯕ ꯆꯪꯏ꯫ ꯂꯥꯏꯅꯥꯁꯤꯅ
ꯁꯥꯡꯊꯔꯛꯂꯕꯗꯤ ꯅꯦꯛ ꯕ꯭ꯂꯥꯁꯠ ꯁꯣꯏꯗ꯭ꯔꯦ꯫ ꯃꯔꯝ ꯑꯁꯤꯅ ꯂꯤꯐ ꯕ꯭ꯂꯥꯁꯠ
ꯇꯥꯕ ꯎꯔꯕꯗꯤ ꯏꯗꯡꯖꯧꯖꯦꯃꯚꯍꯦꯅ 75% ꯒ꯭ꯔꯥꯝ 10 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15
ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯒ ꯃꯁꯥ ꯆꯣꯠꯅꯕ ꯀꯥꯎꯊꯣꯛꯀꯅꯤ꯫ ꯍꯤꯗꯥꯛꯁꯤꯡ ꯃꯅꯥꯁꯤꯡꯗ
ꯃꯄꯨꯡ ꯐꯥꯅ ꯅꯞꯅꯕ ꯁ꯭ꯀꯤꯀꯔ ꯃꯤꯂꯤꯂꯤꯇꯔ ꯃꯉꯁꯨ ꯍꯥꯞꯍꯧꯁꯤ꯫ KZA
ꯑꯃ ꯆꯥꯎꯕ ꯂꯧꯐꯝꯗ ꯏꯗꯡꯖꯧꯖꯦꯃꯚꯍꯦꯅ 75% ꯒ꯭ꯔꯥꯝ 75 ꯆꯪꯒꯅꯤ꯫

4꯫ TISOM ꯃꯅꯨꯡꯗ ꯎꯍꯩ-ꯋꯥꯍꯩ, ꯍꯩ -ꯂꯩ, ꯑꯦꯟꯖꯥꯡ, ꯃꯅꯥ-ꯃꯁꯤꯡ ꯊꯥꯖꯩ꯫ ꯂꯩꯁꯧ \
ꯥꯝꯅ ꯀꯜꯂꯤ꯫ ꯃꯃꯥꯡꯗ ꯂꯦꯎꯃꯨꯛ ꯋꯥꯡꯕ ꯃꯪꯒꯦ ꯄꯥꯝꯕꯤ ꯑꯃ ꯂꯦꯞꯀꯪ ꯀꯪꯈ꯭ꯔꯦ꯫
ꯍꯧꯖꯤꯛ ꯍꯧꯖꯤꯛ ꯄꯥꯜꯂꯤꯕ ꯑꯅꯦꯝꯕ ꯃꯈꯜꯒꯤ ꯄꯣꯡꯍꯩꯇꯣꯟ ꯄꯥꯝꯕꯤ ꯑꯍꯨꯝ
ꯀꯪꯂꯦ, ꯃꯅꯥꯂꯩ ꯄꯥꯝꯕꯤ ꯑꯃ, ꯈꯥꯃꯦꯟ ꯄꯥꯝꯕꯤ ꯂꯦꯞꯀꯪ ꯀꯪꯈ꯭ꯔꯦ꯫ ꯄꯥꯝꯕꯤꯁꯤꯡ
ꯑꯥꯤ ꯐꯨꯛꯇꯠꯂꯒ ꯌꯥꯡꯕꯗ ꯃꯔꯥꯗ (ꯂꯩꯁꯧ ꯅ ꯆꯥꯕꯒꯤ ꯃꯐꯝ ꯂꯣꯏꯅ) ꯂꯩꯔꯝꯃꯤ꯫
ꯄꯥꯝꯕꯤꯗꯗꯤ ꯁꯣꯛꯇꯕ, ꯂꯩꯁꯧ ꯍꯥꯠꯄ ꯉꯝꯕ ꯍꯤꯗꯥꯛ ꯇꯥꯛꯄꯤꯔꯛꯏ꯫
ꯃꯈꯥ ꯇꯥꯅ ꯂꯩꯁꯧꯅ ꯄꯥꯝꯕꯤꯁꯤꯡ ꯁꯣꯛꯍꯟꯗꯅꯕ ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ ꯀꯔꯤ
ꯂꯩꯕꯒꯦ?
-ꯄꯤ ꯏꯕꯣꯝꯆꯧꯕ, ꯀꯛꯆꯤꯡ
ꯖ ꯈꯨꯗꯛꯀꯤ ꯑꯣꯏꯅ ꯂꯩꯁꯧ ꯍꯥꯠꯄꯗ Chlorpyriphos ꯁꯤꯖꯤꯟꯅꯩ꯫
ꯇꯨꯡ ꯀꯣꯏꯅ ꯍꯥꯠꯅꯕꯒꯤꯗꯃꯛꯇꯤ ꯂꯩꯁꯧ ꯍꯥꯠꯄ ꯉꯝꯕ ꯀꯣꯛꯐꯥꯏ
Metarhizium anisopliae (Pacer) [OTe eGfDjx
ꯑꯇꯣꯞꯄ ꯇ꯭ꯔꯦꯗ ꯅꯦꯝ ꯑꯃꯒꯤ ꯍꯤꯗꯥꯛ ꯑꯣꯏꯅ ꯁꯤꯖꯤꯟꯅꯕ ꯌꯥꯏ꯫
Pacer ꯒ꯭ꯔꯥꯝ 10 ꯏꯁꯤꯡ ꯂꯤꯇꯔ ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯒ ꯂꯩꯁꯧꯁꯤꯡ ꯄꯨꯟꯅ
ꯄꯨꯟꯅ ꯂꯩꯕ ꯃꯐꯝꯗ ꯂꯤꯜꯁꯤꯡ ꯆꯣꯠꯅꯕ ꯀꯥꯎꯁꯤ꯫ ꯋꯥꯍꯪꯁꯤꯒ ꯃꯔꯤ ꯂꯩꯅꯅ
ꯍꯧꯈꯤꯕ ꯅꯤꯡꯊꯧꯀꯥꯅ ꯅꯨꯃꯤꯠꯇ ꯂꯩꯁꯧ ꯍꯥꯠꯄꯒꯤ ꯃꯔꯝꯗ ꯊꯝꯖꯈ꯭ꯔꯦ \
ꯦꯡꯕꯤꯁꯤ꯫

5꯫ ꯗ꯭ꯔꯦꯒꯣꯟ ꯐ꯭ꯔꯨꯠ (ꯄꯤꯇꯥꯌꯥ) ꯄꯥꯝꯕꯤ ꯈꯔ ꯊꯥꯖꯩ꯫ ꯑꯉꯥꯡꯕ ꯑꯃꯁꯨꯡ
ꯑꯉꯧꯕ ꯑꯅꯤꯃꯛꯀꯤꯅꯤ꯫ ꯑꯉꯧꯕꯒꯤ ꯄꯥꯝꯕꯤꯅ ꯃꯄꯥꯜ ꯌꯥꯝꯅ ꯁꯥꯕ
ꯍꯦꯜꯂꯤ, ꯃꯄꯥꯜꯗꯒꯤ ꯃꯍꯩ ꯑꯣꯜꯂꯛꯂꯕ ꯃꯇꯨꯡ ꯑꯁꯪꯕ ꯃꯆꯨ ꯑꯣꯏꯅ
ꯂꯩꯒꯗꯕ ꯑꯗꯨ ꯅꯥꯄꯨ ꯃꯆꯨ ꯆꯪꯁꯤꯂꯂꯛꯂꯒ ꯄꯠꯂꯒ ꯂꯣꯏꯅꯃꯛ ꯀꯦꯜꯂꯤ,
ꯃꯁꯤ ꯍꯟꯗꯛꯀꯤ ꯁꯤꯖꯟ ꯑꯁꯤꯗ ꯃꯔꯣꯜ ꯑꯅꯤꯔꯛ ꯁꯨꯔꯦ, ꯀꯔꯝꯅ
ꯉꯥꯡꯊꯣꯛꯀꯅꯤ꯫ ꯑꯉꯥꯡꯕꯒꯤ ꯃꯍꯩꯗꯤ ꯃꯍꯩ ꯃꯄꯨꯡ ꯐꯥꯔꯦ꯫ ꯀꯦꯃꯤꯀꯦꯜ
ꯍꯤꯗꯥꯛꯁꯤꯡ ꯍꯧꯖꯤꯛ ꯐꯥꯎꯕꯒꯤ ꯁꯤꯖꯤꯟꯅꯗ꯭ꯔꯤ꯫
-ꯄꯤ ꯏꯕꯣꯆꯧꯕ, ꯀꯛꯆꯤꯡ
ꯖ ꯃꯄꯥꯜꯁꯤꯡꯅ ꯃꯄꯨꯡ ꯐꯥꯅ ꯃꯍꯩ ꯑꯣꯏꯗꯕꯒꯤ ꯃꯔꯝꯁꯤ
ꯐꯔꯇꯤꯂꯥꯏꯖ ꯇꯧꯕ ꯉꯝꯗꯕꯒꯤ ꯑꯣꯏꯕꯁꯨ ꯌꯥꯏ꯫ ꯅꯠꯇ꯭ꯔꯒ ꯀꯣꯛꯐꯥꯏ
ꯃꯈꯜ ꯀꯌꯥ ꯇꯥꯁꯤꯟꯕꯒꯤ ꯑꯣꯏꯕꯁꯨ ꯌꯥꯏ꯫ ꯑꯇꯣꯞꯄ ꯃꯔꯝ ꯑꯃꯅ
Fruit ꯇꯦꯧ ꯇꯥꯁꯤꯟꯕꯒꯤꯁꯨ ꯑꯣꯏꯕ ꯌꯥꯏ꯫ ꯍꯥꯏꯔꯤꯕꯁꯤꯡ ꯑꯁꯤꯗꯒꯤ
ꯉꯥꯛꯊꯣꯛꯅꯕ ꯑꯣꯔꯒꯅꯤꯛꯀꯤ ꯑꯣꯏꯕ ꯍꯤꯗꯥꯛꯁꯤꯡ ꯂꯩ꯫ Fruit ꯇꯦꯧ
ꯒꯤ ꯑꯣꯏꯅꯁꯨ ꯂꯥꯡ ꯁꯤꯖꯤꯟꯅꯕ ꯌꯥꯏ꯫ ꯆꯞ ꯆꯥꯕ ꯂꯥꯏꯑꯣꯡ ꯂꯦꯞꯊꯣꯛꯅꯕ
ꯏꯁꯥꯒꯤ ꯗꯤꯁꯇ꯭ꯔꯤ ꯊꯧꯕꯥꯜꯗ ꯂꯩꯕ ꯀꯦ ꯚꯤ ꯀꯦ ꯊꯧꯕꯥꯜꯗ ꯄꯨꯕꯤꯔꯨꯛꯂꯒ \
ꯦꯡꯊꯣꯛꯁꯤ꯫

ꯄꯥꯎꯈꯨꯝ ꯄꯤꯔꯤꯕ:
ꯗꯥ ꯑꯦꯝ FOTFOT ꯁꯤꯡꯍ

...ꯑꯦꯗꯤꯇꯔꯗ ꯊꯥꯔꯛꯄ ꯆꯤꯊꯤ...

ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯤꯕ ꯑꯦꯗꯤꯇꯔ,
ꯃꯅꯤꯄꯨꯔ ꯍꯧꯔꯛꯉꯩꯗꯒꯤ ꯍꯧꯅ ꯐꯨꯔꯨꯞ
ꯀꯌꯥꯅ ꯈꯨꯟꯗꯥꯃꯤꯟꯅꯗꯨꯅ ꯂꯩꯔꯛꯄ ꯂꯝꯗꯝ
ꯑꯃꯅꯤ꯫ ꯆꯤꯡꯅ ꯀꯣꯏꯅ ꯄꯟꯉꯥꯛꯄ
ꯃꯌꯥꯏꯗ ꯊꯝꯕꯥꯜ ꯁꯥꯠꯄꯒꯨꯝꯕ ꯏꯪꯅ ꯆꯤꯛꯅ
ꯂꯩꯖꯔꯝꯕ ꯂꯝꯗꯝꯅꯤ꯫ ꯂꯦꯝꯂꯩ ꯉꯥꯅ ꯃꯅꯤꯡ
ꯇꯧꯅ ꯏꯌꯥꯏꯗ ꯆꯦꯟꯆꯣꯡꯗꯨ ꯁꯥꯟꯖꯔꯝꯕ
ꯉꯥ ꯃꯈꯜ ꯁꯨꯅ ꯂꯩꯖꯕ ꯄꯨꯈꯛꯔꯤ ꯑꯃꯅꯤ꯫
ꯆꯤꯡꯃꯤ ꯇꯝꯃꯤꯒꯤ ꯐꯤꯚꯝ ꯍꯦꯟꯅ
ꯐꯔꯝꯏ꯫ ꯍꯤꯟꯗꯨ, ꯃꯨꯁꯂꯤꯝꯒꯤ ꯐꯤꯚꯝꯁꯨ
ꯍꯦꯟꯅ ꯐꯔꯝꯏ꯫ ꯃꯤꯇꯩ/ ꯃꯩꯇꯩꯒꯤ ꯐꯤꯚꯝꯁꯨ
ꯐꯔꯝꯏ꯫ ꯂꯣꯏꯅꯅ ꯅꯨꯡꯁꯤ ꯆꯥꯟꯅꯕ ꯑꯃꯅ
ꯑꯃꯒꯤ ꯃꯇꯦꯡ ꯄꯥꯡꯅꯗꯨꯅ ꯊꯧꯗꯣꯛ
ꯊꯣꯛꯄꯗ ꯁꯔꯨꯛ ꯌꯥꯅꯅꯗꯨꯅ ꯂꯩꯃꯤꯟꯅꯔꯛꯄ
ꯃꯇꯝꯗꯨ ꯅꯨꯡꯁꯤꯗ꯭ꯔ꯫ ꯑꯩꯒꯤ ꯍꯥꯏꯕ ꯋꯥꯈꯜ
ꯊꯥꯗꯣꯛꯅꯗꯨꯅ ꯑꯄꯨꯟꯕ ꯃꯅꯤꯄꯨꯔꯅꯤ ꯈꯟꯗꯨꯅ
ꯂꯩꯖꯔꯛꯄꯅꯤ꯫ ꯀꯗꯥꯏꯗꯒꯤ ꯀꯗꯣꯝꯗꯒꯤ
ꯑꯁꯥꯕ ꯅꯨꯡꯁꯤꯠ ꯁꯤꯠꯆꯤꯜꯂꯛꯇꯨꯅ ꯆꯤꯡꯃꯤ
ꯇꯝꯃꯤ ꯃꯇꯝ ꯈꯔ ꯀꯥꯎꯊꯣꯛꯅꯔꯨꯔ꯫
ꯃꯁꯤꯕꯨ ꯍꯟꯖꯤꯜꯂꯛꯅꯕ ꯀꯟꯅ ꯍꯣꯠꯅꯕꯅꯤ
ꯑꯗꯨꯕꯨ ꯌꯥꯗꯦ, ꯑꯀꯥꯏꯕ ꯑꯇꯦꯛꯄ ꯅꯨꯡ ꯁꯝꯕ
ꯌꯥꯗꯕꯒꯨꯝ ꯊꯣꯛꯂꯦ꯫ ꯅꯤꯛꯂ-ꯄꯤꯛꯂꯕ
ꯑꯈꯨꯕ ꯋꯥꯈꯜꯅ ꯂꯥꯡꯒꯣꯏ ꯆꯟꯅꯈ꯭ꯔꯦ꯫
ꯅꯨꯡꯁꯤ ꯆꯥꯟꯅꯕ ꯋꯥꯠꯂꯛꯂꯦ꯫ ꯃꯁꯤꯗ
ꯑꯩꯈꯣꯏꯅ ꯇꯧꯒꯗꯧꯔꯤꯕꯁꯤ ꯀꯔꯤꯅꯣ?
ꯎꯆꯤꯗ ꯍꯟꯖꯤꯅꯔꯤꯁꯤ ꯌꯥꯈꯤꯒꯗ꯭ꯔ
ꯆꯤꯡꯅꯗꯕ ꯉꯝꯂꯛꯇꯦ꯫

ꯃꯇꯝ ꯀꯨꯏꯔꯛꯂꯦ ꯆꯐꯨꯒ ꯎꯌꯥꯟꯒ
ꯊꯦꯡꯅꯗꯕ꯫ ꯂꯩꯕꯅ ꯄꯨꯟꯅ ꯂꯩꯃꯤꯟꯅꯔꯤ
ꯑꯗꯨꯒ ꯋꯥꯅ ꯃꯤꯒꯤ ꯉꯥꯡꯅꯔꯤ꯫ ꯑꯩꯒꯤ
ꯑꯩꯒꯤ ꯋꯥꯈꯜꯅ ꯍꯦꯟꯈꯤꯗꯨꯅ ꯑꯆꯨꯝ ꯑꯔꯥꯟ
ꯈꯪꯅꯗ꯭ꯔꯦ꯫ ꯃꯅꯤꯄꯨꯔꯗ ꯑꯥꯏ ꯑꯦꯜ ꯄꯤ
ꯆꯠꯅꯍꯟꯁꯤ ꯌꯥꯗ꯭ꯔꯤ꯫ ꯑꯁꯨꯝꯅ ꯅꯥꯒꯥꯅ
ꯄꯥꯝꯃꯤ ꯒ꯭ꯔꯦꯇꯔ ꯅꯒꯥꯂꯦꯟꯗ, ꯃꯤꯇꯩꯅ
ꯄꯥꯝꯃꯤ ꯃꯩꯇ꯭ꯔꯕꯥꯛ, ꯀꯨꯀꯤꯅꯁꯨ ꯄꯥꯝꯃꯤ
ꯀꯨꯀꯤ ꯍꯣꯝꯂꯦꯟꯗ ꯂꯣꯏꯅꯅ ꯃꯨꯁꯂꯤꯝ
ꯏꯆꯤꯟ ꯏꯅꯥꯎꯁꯤꯡꯅꯁꯨ ꯄꯥꯝꯃꯤ ꯃꯨꯁꯂꯤꯝ
ꯃꯥꯏꯅꯣꯔꯤꯇꯤ ꯑꯗꯨꯕꯨ ꯂꯝꯗꯤ ꯑꯃꯠꯇꯅꯤ
ꯃꯅꯤꯄꯨꯔ꯫ ꯃꯆꯦꯠ ꯃꯆꯦꯠ ꯊꯨꯒꯥꯏꯅꯤꯡꯕꯒꯤ
ꯃꯥꯒꯤ ꯃꯥꯒꯤ ꯀꯥꯡꯂꯨꯞ ꯃꯁꯦꯜꯒꯤ ꯑꯣꯏꯕ
ꯄꯤꯛꯂꯕ ꯑꯈꯨꯕ ꯃꯤꯠꯌꯦꯡꯈꯛꯇꯅ ꯂꯝꯤꯡ
ꯑꯣꯏꯗꯨꯅ ꯂꯩꯕꯥꯛ ꯏꯔꯥꯡꯊꯣꯛꯍꯟꯗꯨꯅ ꯂꯩꯔꯤ꯫
ꯃꯁꯤ ꯀꯣꯛꯅꯕ ꯉꯁꯤꯒꯤ ꯃꯤꯔꯣꯜꯅ ꯊꯋꯥꯏ
ꯍꯛꯆꯥꯡ ꯌꯥꯎꯅ ꯍꯣꯠꯅꯗ꯭ꯔꯤꯕꯗꯤ ꯇꯨꯡꯒꯤ
ꯑꯐꯕ ꯑꯣꯏꯔꯔꯣꯏ꯫ ꯃꯔꯝꯁꯤꯅ ꯄꯥꯜꯂꯤꯕ
ꯂꯩꯉꯥꯛ, ꯂꯩꯔꯤꯕ ꯐꯨꯔꯨꯞꯁꯤꯡꯒꯤ ꯂꯤꯗꯔꯁꯤꯡꯅ
ꯑꯩꯒꯤ ꯍꯥꯏꯕ ꯋꯥꯈꯜ ꯊꯥꯗꯣꯛꯅꯗꯨꯅ ꯍꯥꯟꯅꯒꯤ
ꯃꯅꯤꯄꯨꯔꯗꯨ ꯑꯃꯨꯛꯇꯪ ꯄꯨꯔꯛꯅꯕ ꯑꯔꯩꯕꯤ
ꯊꯧꯅꯥ ꯄꯥꯡꯒꯜ ꯄꯨꯊꯣꯛꯅꯗꯨꯅ ꯍꯣꯠꯅꯔꯕꯗꯤ
ꯀꯔꯤꯒꯤꯁꯨ ꯉꯝꯂꯣꯏ꯫ ꯌꯥꯅꯗꯕ ꯀꯌꯥ ꯄꯨꯟꯅ
ꯐꯝꯃꯤꯟꯅꯗꯨꯅ ꯁꯦꯒ-ꯃꯥꯏꯒ ꯍꯥꯏꯅꯨꯗꯅ
ꯑꯆꯨꯝ ꯆꯨꯝꯗ ꯊꯤꯗꯣꯛꯃꯤꯟꯅꯁꯤ꯫ ꯃꯁꯤ
ꯏꯁꯣꯔꯅꯁꯨ ꯌꯥꯒꯅꯤ꯫ ꯄꯨꯝꯅꯃꯛ ꯉꯝꯅꯕ
ꯍꯣꯠꯅꯁꯤ, ꯃꯇꯝ ꯆꯥꯔꯤꯉꯩ ꯌꯩꯍꯧꯁꯤ꯫
ꯃꯅꯤꯄꯨꯔꯒꯤ ꯊꯧꯅꯥ ꯂꯤꯡꯖꯦꯜ ꯎꯠꯁꯤ꯫ ꯏꯄꯥ
ꯏꯄꯨꯒꯤ ꯃꯤꯡꯆꯠ ꯀꯟꯁꯤ꯫ ꯑꯥꯏ ꯑꯦꯜ ꯄꯤ
ꯆꯠꯅꯍꯟꯁꯤ꯫

ꯑꯗꯣꯝꯒꯤ- ꯊꯣꯛꯆꯣꯝ ꯊꯝꯕꯥꯜꯑꯉꯧ
ꯁꯤꯡ, ꯈꯥꯉꯕꯣꯛ ꯃꯌꯥꯏ ꯂꯩꯀꯥꯏ꯫

ꯑꯩꯒꯤ ꯍꯥꯏꯕ ꯋꯥꯈꯜ ꯊꯥꯗꯣꯛꯅꯔꯒ ꯃꯅꯤꯄꯨꯔ ꯀꯟꯁꯤ
10 = ꯏꯃꯗꯃ
(Amada Phun)
ꯂꯩꯉꯥꯛꯀꯤ ꯂꯣꯏꯁꯪ ꯃꯩ ꯊꯥꯕ
ꯃꯤꯌꯥꯝꯒꯤ ꯃꯥꯡꯖꯕꯅꯤ ꯈꯟꯕ ꯉꯝꯗꯕ ꯂꯥꯏꯕꯛ ꯊꯤꯕꯅꯤ
ꯃꯅꯤꯄꯨꯔꯗ ꯇꯥꯡꯀꯛ ꯀꯌꯥꯗ ꯃꯤꯌꯥꯝꯒꯤ ꯑꯣꯏꯕ ꯗꯤꯃꯥꯟꯗ ꯇꯥꯟꯕꯗ ꯂꯩꯉꯥꯛꯀꯤ ꯂꯣꯏꯁꯪ ꯀꯌ
ꯥꯃꯔꯨꯝ ꯃꯩ ꯊꯥꯗꯣꯛꯈꯤꯕꯒꯤ ꯊꯧꯗꯣꯛ ꯊꯣꯛꯈꯤꯕ ꯂꯩꯈꯤ꯫ ꯊꯧꯗꯣꯛꯁꯤꯡ ꯑꯁꯤ ꯇꯝꯄꯥꯛꯇ
ꯅꯠꯇꯅ ꯆꯤꯡꯁꯨ ꯑꯗꯨꯃꯛ ꯊꯣꯛꯏ꯫ ꯗꯤꯃꯥꯟꯒ ꯃꯔꯤ ꯂꯩꯅꯕ ꯋꯥꯐꯝ ꯅꯠꯇꯕꯗ ꯃꯔꯝ ꯆꯥꯗꯅ
ꯈꯪꯍꯧꯗꯅ ꯍꯧꯔꯛꯄꯗꯒꯤ ꯌꯥꯝꯅ ꯃꯔꯨꯑꯣꯏꯕ ꯑꯣꯐꯤꯁꯀꯤ ꯆꯦ ꯆꯥꯡ ꯊꯝꯕ ꯀꯌꯥ ꯃꯩꯅ ꯆꯥꯛꯈꯤꯕꯒꯤ
ꯊꯧꯗꯣꯛ ꯋꯥꯊꯣꯛꯁꯨ ꯂꯩꯈꯤ꯫ ꯃꯤꯌꯥꯝꯒꯤ ꯑꯣꯏꯕ ꯏꯍꯧ ꯃꯅꯡꯨꯗ ꯈꯣꯏꯁꯥꯎꯅꯔꯛꯄꯗꯒꯤ ꯑꯣꯐꯁꯁꯤꯡ
ꯃꯊꯪ ꯃꯊꯪ ꯃꯩ ꯊꯥꯕꯗ ꯃꯩ ꯊꯥꯔꯤꯕ ꯀꯥꯡꯕꯨ ꯑꯗꯨꯅ ꯃꯩ ꯊꯥꯗꯕ ꯂꯣꯏꯁꯪ ꯃꯌꯥꯝ ꯑꯃꯁꯨ ꯌꯥꯎꯈꯤꯕꯒꯤ
ꯔꯦꯀꯣꯔꯗꯁꯤꯡ ꯂꯩ꯫ ꯃꯁꯤꯅ ꯇꯥꯛꯂꯤꯕꯗꯤ ꯂꯩꯉꯥꯛꯀꯤ ꯂꯣꯏꯁꯪ ꯃꯩ ꯊꯥꯕꯒꯤ ꯊꯧꯗꯣꯛꯇ ꯈꯣꯡꯖꯪ ꯑꯃꯒ
ꯃꯔꯤ ꯂꯩꯅꯅ ꯃꯤꯑꯣꯏ ꯈꯔꯅ ꯃꯩ ꯊꯥꯕ ꯅꯠꯇ꯭ꯔꯒ ꯃꯁꯤꯒꯤ ꯃꯔꯨꯝ ꯊꯨꯞꯂꯒ ꯑꯣꯐꯤꯁꯀꯤ ꯐꯥꯏꯜ
ꯅꯠꯇ꯭ꯔꯒ ꯆꯦ ꯆꯥꯡꯁꯤꯡ ꯃꯥꯡꯍꯟꯈꯤꯅꯕ ꯑꯇꯝꯅꯅ ꯁꯤꯟꯕ ꯈꯨꯖꯤꯜ ꯊꯧꯔꯥꯡꯒꯤ ꯃꯈꯥꯗ ꯃꯩ ꯊꯥꯕꯁꯨ
ꯑꯣꯏꯊꯣꯛꯅꯤꯡꯉꯥꯏ ꯂꯩ꯫ ꯃꯁꯤ ꯍꯥꯏꯔꯒ ꯃꯍꯧꯁꯥꯒꯤ ꯑꯣꯏꯕ ꯈꯨꯗꯣꯡꯊꯤꯕ ꯊꯧꯗꯣꯛꯇ ꯑꯣꯐꯤꯁꯁꯤꯡ
ꯑꯗꯨꯁꯨ ꯃꯩ ꯆꯥꯛꯂꯣꯏ ꯍꯥꯏꯅꯤꯡꯉꯥꯏ ꯂꯩꯇꯦ꯫ ꯃꯅꯤꯄꯨꯔꯗ ꯍꯟꯗꯛꯇ ꯂꯩꯉꯥꯛꯀꯤ ꯌꯥꯝꯅ ꯃꯔꯨꯑꯣꯏꯕ
ꯂꯣꯏꯁꯪ ꯑꯅꯤ ꯃꯩ ꯆꯥꯛꯈꯤꯕꯒꯤ ꯊꯧꯗꯣꯛ ꯊꯣꯛꯈ꯭ꯔꯦ꯫ ꯊꯧꯗꯣꯛ ꯑꯅꯤꯃꯛ ꯀꯅꯥꯅ ꯀꯔꯤꯒꯤꯗꯃꯛ
ꯃꯩ ꯊꯥꯈꯤꯕꯅꯣ ꯍꯥꯏꯕ ꯆꯞ ꯆꯥꯅ ꯈꯪꯕ ꯉꯝꯗ꯭ꯔꯤ꯫ ꯃꯁꯤ ꯈꯡꯗꯣꯛꯅꯕ ꯄꯨꯂꯤꯁꯅ ꯏꯟꯚꯦꯥꯇꯤꯒꯦꯁꯟ
ꯆꯊꯕ ꯍꯥꯏꯕꯁꯤ ꯇꯉꯥꯏ ꯐꯗꯦ ꯑꯃꯁꯨꯡ ꯃꯩ ꯊꯥꯈꯤꯕꯒꯤ ꯊꯧꯣꯛꯁꯤꯡ ꯑꯁꯤꯗ ꯀꯅꯥ ꯀꯅꯥ ꯆꯦꯟꯅꯩ
ꯍꯥꯏꯕ ꯐꯨꯊꯣꯛꯅꯕ ꯍꯣꯠꯅꯒꯗꯕꯅꯤ꯫ ꯃꯈꯣꯏꯕꯨ ꯉꯥꯛꯄꯤꯝ ꯊꯣꯛꯇꯦ, ꯂꯣꯒꯤ ꯑꯣꯏꯕ ꯆꯞ ꯆꯥꯕ
ꯊꯕꯛ ꯊꯧꯔꯝꯁꯤꯡ ꯂꯧꯈꯠꯀꯗꯕꯅꯤ꯫ ꯄꯨꯝꯅꯃꯛ ꯑꯁꯤꯒꯤ ꯃꯊꯛꯇ ꯃꯈꯥ ꯇꯥꯅ ꯑꯁꯤꯒꯨꯝꯕ
ꯃꯈꯜꯒꯤ ꯄꯥꯝꯗꯕ ꯊꯧꯗꯣꯛꯁꯤꯡ ꯑꯁꯤ ꯊꯣꯔꯛꯄ ꯊꯤꯡꯅꯅꯕ ꯂꯩꯉꯛꯀꯤ ꯂꯣꯏꯁꯪꯁꯤꯡ ꯉꯥꯛ
ꯁꯦꯟꯕ ꯍꯥꯏꯕꯁꯤ ꯄꯨꯂꯤꯁꯀꯤ ꯊꯧꯗꯥꯡꯅꯤ꯫ ꯑꯃꯔꯣꯝꯗ ꯄꯨꯂꯤꯁꯇ ꯊꯧꯗꯥꯡ ꯄꯨꯝꯅꯃꯛꯁꯤꯡ ꯑꯁꯤ
ꯏꯟꯊꯣꯛꯒꯤ ꯃꯍꯨꯠꯇ ꯑꯣꯐꯤꯁ- ꯑꯣꯐꯤꯁꯀꯤ ꯏꯝꯄ꯭ꯂꯣꯏꯁꯤꯡꯅꯁꯨ ꯑꯍꯤꯡ ꯅꯨꯡꯊꯤ ꯄꯥꯂꯤ
ꯈꯥꯏꯣꯛꯅꯔꯒ ꯃꯈꯥ ꯇꯥꯅ ꯂꯩꯉꯥꯛꯀꯤ ꯂꯣꯏꯁꯪꯁꯤꯡ ꯃꯩ ꯊꯥꯕ ꯊꯤꯡꯅꯕ ꯁꯦꯟꯅꯕꯒꯤ ꯇꯉꯥꯏꯐꯗꯕ ꯂꯩ꯫
ꯍꯤꯔꯝ ꯑꯁꯤꯗ ꯆꯤꯐ ꯁꯦꯀ꯭ꯔꯦꯇꯔꯤꯅ ꯌꯥꯊꯪ ꯑꯃ ꯄꯤꯕꯒꯤ ꯃꯍꯨꯠꯇ ꯃꯥꯒꯤ ꯃꯥꯒꯤ ꯍꯦꯗ ꯑꯣꯐ
ꯗꯤꯄꯥꯔꯠꯃꯦꯟꯠꯁꯤꯡꯅꯁꯨ ꯑꯗꯨꯃꯛ ꯊꯧꯗꯥꯡ ꯂꯧꯕ ꯊꯣꯏꯅ ꯀꯥꯏꯗꯦ ꯍꯥꯏꯅ ꯂꯧꯏ꯫ ꯊꯧꯕꯥꯜ ꯑꯊꯣꯛꯄꯝꯗ
ꯂꯩꯕ ꯗꯤꯁꯇ꯭ꯔꯤꯛ ꯇ꯭ꯔꯥꯟꯁꯄꯣꯔꯠ ꯑꯣꯐꯤꯁ ꯊꯥ ꯑꯁꯤꯒꯤ 26 ꯀꯤ ꯑꯌꯨꯛꯇ ꯁꯛꯈꯪꯗꯕꯁꯤꯡꯅ ꯃꯩ
ꯊꯥꯔꯝꯈꯤ꯫ ꯃꯗꯨꯒꯤ ꯃꯇꯨꯡ ꯊꯥ ꯑꯁꯤꯒꯤ 26 ꯑꯃꯁꯨꯡ 27 ꯀꯤ ꯂꯣꯟꯅꯕ ꯑꯍꯤꯡꯗ ꯁꯛꯈꯪꯗꯁꯤꯡꯅ
ꯍꯥꯟꯅ ꯍꯥꯏ ꯀꯣꯔꯠ ꯑꯣꯏꯅ ꯁꯤꯖꯤꯟꯅꯔꯝꯕ ꯍꯧꯖꯤꯛꯅ ꯍꯥꯏ ꯀꯣꯔꯠ ꯒꯚꯔꯟꯃꯦꯟꯠ ꯑꯦꯗꯚꯣꯀꯦꯠꯀꯤ
ꯑꯣꯐꯤꯁ ꯃꯩ ꯊꯥꯔꯝꯈꯤ꯫ ꯀꯥ 16 ꯂꯩꯕ ꯑꯣꯐꯤꯁ ꯑꯗꯨꯗ ꯊꯝꯕ ꯂꯩꯉꯥꯛꯀꯤ ꯀꯦꯁꯀ ꯃꯔꯤ ꯂꯩꯅꯕ ꯃꯃꯜ
ꯅꯥꯏꯗ꯭ꯔꯕ ꯆꯦ ꯆꯥꯡ ꯀꯌꯥꯃꯔꯨꯝ ꯆꯥꯛꯈ꯭ꯔꯦ꯫ ꯗꯤꯃꯣꯀ꯭ꯔꯦꯁꯤꯒꯤ ꯌꯨꯝꯕꯤ ꯑꯍꯨꯝꯒꯤ ꯃꯅꯨꯡꯗ ꯖꯨꯗꯤꯁꯤꯑꯦꯂꯤ
ꯍꯥꯏꯕꯁꯤꯁꯨ ꯑꯃꯅꯤ꯫ ꯖꯨꯗꯤꯁꯤꯑꯦꯔꯤꯅ ꯉꯥꯛꯂꯧ ꯄꯤꯔꯤꯕꯁꯤ ꯂꯩꯕꯥꯛ ꯑꯁꯤꯒꯤ ꯃꯤꯑꯣꯏ ꯄꯨꯝꯅꯃꯛꯅꯤ꯫
ꯃꯁꯤꯗ ꯂꯩꯉꯥꯛꯀꯤ ꯊꯧꯃꯤ ꯅꯠꯇ꯭ꯔꯒ ꯊꯧꯕꯥꯡꯂꯣꯏ ꯍꯥꯏꯕ ꯑꯃ ꯂꯩꯇꯦ꯫ ꯃꯇꯤꯛ ꯃꯌꯥꯏ ꯂꯩꯕ, ꯇꯧꯕ ꯉꯝꯕ
ꯃꯤꯑꯣꯏ ꯀꯌꯥꯅ ꯁꯤꯡꯅꯔꯛꯄ ꯅꯠꯇ꯭ꯔꯒ ꯂꯩꯉꯥꯛ ꯄꯥꯏꯔꯤꯕꯁꯤꯡꯅ ꯀꯅꯥꯒꯨꯝꯕꯒꯤ ꯋꯥꯀꯠ ꯇꯥꯕꯤꯔꯛꯇꯕ
ꯃꯇꯝꯗ ꯃꯤꯑꯣꯏ ꯑꯗꯨꯒꯤ ꯆꯪꯖꯐꯝ ꯋꯥꯌꯦꯜꯁꯪ ꯅꯠꯇꯅ ꯂꯩꯇꯦ꯫ ꯂꯩꯉꯥꯛꯀꯤ ꯃꯊꯣꯡ ꯍꯨꯛꯇꯕ ꯊꯧꯁꯤꯜ ꯋꯥꯌ
ꯦꯜꯁꯪꯒꯤ ꯌꯥꯊꯪ ꯑꯃꯅ ꯊꯤꯡꯕ ZAT! ꯑꯔꯨꯅꯥꯆꯜ ꯄ꯭ꯔꯗꯦꯁꯇ ꯁ꯭ꯇꯦꯠ ꯑꯗꯨꯒꯤ ꯒꯚꯔꯅꯔꯅ ꯄꯤ ꯑꯥꯔ
ꯊꯝꯖꯤꯟꯗꯨꯅ ꯑꯅꯧꯕ ꯂꯩꯉꯥꯛ ꯑꯃ ꯂꯩꯍꯜꯂꯕ ꯃꯇꯨꯡꯗ ꯐꯥꯎꯕ ꯀꯍꯔꯠꯅ ꯈꯨꯠ ꯊꯤꯡꯖꯤꯜꯂꯛꯇꯨꯅ ꯄꯤ
ꯑꯥꯔ ꯊꯝꯗ꯭ꯔꯤꯉꯩꯒꯤ ꯃꯃꯥꯡꯗ ꯂꯩꯔꯝꯕ ꯂꯩꯉꯥꯛ ꯑꯗꯨ ꯐꯥꯎꯕ ꯍꯟꯖꯤꯟꯍꯟꯕ ZAT ꯍꯥꯏꯕ ꯍꯟꯗꯛꯇ
ꯎꯠꯈꯤꯕ ꯂꯩꯈ꯭ꯔꯕꯅꯤ꯫ ꯑꯁꯨꯛ ꯃꯔꯨꯑꯣꯏꯕ ꯂꯩꯕꯥꯛ ꯑꯁꯤꯒꯤ ꯖꯨꯗꯤꯁꯤꯑꯦꯜꯒꯤ ꯊꯕꯛ ꯊꯧꯔꯝꯗ ꯅꯥꯛꯄꯥꯛ
ꯑꯃ ꯍꯦꯟꯅ ꯁꯔꯨꯛ ꯌꯥꯔꯤꯕ ꯒꯚꯔꯟꯃꯦꯟꯠ ꯑꯦꯗꯚꯣꯀꯦꯠꯁꯤꯡꯒꯤ ꯑꯣꯐꯤꯁ ꯃꯩ ꯊꯥꯗꯣꯛꯄ ꯍꯥꯏꯕꯁꯤ
ꯇꯧꯍꯩꯗꯕ ꯊꯕꯛꯅꯤ꯫ ꯃꯩ ꯊꯥꯈ꯭ꯔꯕ ꯇꯨꯡ ꯑꯁꯤꯗꯗꯤ ꯃꯔꯥꯜ ꯂꯩꯔꯦ ꯍꯥꯏꯅ ꯆꯩꯔꯥꯛ ꯄꯤꯔꯕ ꯌꯥꯕ ꯀꯥꯡꯕꯨꯁꯨ
ꯃꯉꯛ ꯐꯟꯒꯠꯂꯛꯂꯒꯅꯤ꯫ ꯂꯟꯅꯥꯏ ꯃꯤꯑꯣꯏ ꯀꯌꯥꯒꯤ ꯈꯨꯗꯝ ꯆꯥꯡꯗꯃꯁꯤꯡ ꯌꯥꯎꯕ ꯆꯦ-ꯆꯥꯡꯁꯤꯡ
ꯃꯥꯡꯈꯤꯕꯗ ꯃꯤꯑꯣꯏ ꯑꯗꯨꯅ ꯃꯔꯥꯏꯕꯛ ꯊꯤꯍꯧꯒꯗꯕ ꯑꯃꯁꯨꯡ ꯃꯥꯒꯨꯝꯕ ꯀꯌꯥꯅ ꯐꯪꯂꯝꯒꯗꯕ ꯆꯩꯊꯦꯡ
ꯑꯗꯨ ꯈꯪꯗꯕ ꯍꯥꯏꯕꯁꯤ ꯂꯥꯏꯕꯛ ꯊꯤꯕꯅꯤ꯫ ꯗꯤꯃꯣꯀ꯭ꯔꯦꯁꯤꯒꯤ ꯁꯦꯡꯂꯕ ꯂꯥꯏꯁꯪꯒ ꯃꯔꯤ ꯂꯩꯅꯕ ꯂꯣꯏꯁꯪ
ꯑꯃꯗ ꯑꯦꯇꯦꯛ ꯇꯧꯕ ꯍꯥꯏꯕꯁꯤ ꯑꯆꯝꯕ ꯊꯧꯗꯣꯛ ꯅꯠꯇꯦ꯫ ꯃꯁꯤ ꯑꯋꯥꯡꯕ ꯊꯥꯛꯇ ꯈꯨꯟꯥꯏ ꯑꯁꯤꯅ
ꯀꯟꯗꯦꯝ ꯇꯧꯐꯝ ꯊꯣꯛꯏ꯫ ꯃꯇꯥꯡ ꯑꯁꯤꯗ ꯄꯟꯖꯅꯤꯡꯕ ꯋꯥꯐꯝꯗꯤ ꯑꯁꯤꯒꯨꯝꯕ ꯂꯨꯔꯕ ꯑꯣꯐꯤꯁꯁꯤꯡ
ꯑꯁꯤ ꯀꯔꯤꯒꯤꯗꯃꯛꯇ ꯉꯥꯛ ꯁꯦꯟꯕꯒꯤ ꯊꯕꯛ ꯄꯥꯏꯈꯠꯂꯝꯗꯕꯅꯣ ꯍꯥꯏꯕꯁꯤꯅꯤ꯫ ꯃꯤꯑꯣꯏꯕꯒꯤ
ꯄꯨꯟꯁꯤ ꯀꯟꯅꯕꯅꯤ ꯍꯥꯏꯕꯒꯤ ꯃꯤꯡꯗ ꯃꯤꯑꯣꯏ ꯀꯌꯥꯗ ꯁꯤꯀꯨꯔꯤꯇꯤ ꯄꯥꯔꯁꯅꯦꯜꯁꯤꯡ ꯄꯤꯕ
ꯉꯝꯂꯒ ꯂꯩꯉꯥꯛꯀꯤ ꯃꯔꯨꯑꯣꯏꯕ ꯂꯣꯏꯁꯪꯁꯤꯡ ꯉꯥꯛ ꯁꯦꯟꯅꯕ ꯁꯤꯀꯨꯔꯤꯇꯤ ꯊꯝꯕ ꯉꯝꯗꯕ ꯍꯥꯏꯕꯁꯤ
ꯂꯩꯉꯥꯛꯀꯤ ꯑꯁꯣꯏꯕ ꯊꯧꯁꯤꯜꯅꯤ ꯍꯥꯏꯗꯕ ꯉꯝꯂꯣꯏ꯫ ꯃꯇꯨꯡ ꯇꯥꯔꯛꯄꯗ ꯑꯁꯤꯒꯨꯝꯕ ꯊꯧꯗꯣꯛꯁꯤꯡ
ꯑꯁꯤ ꯊꯣꯛꯇꯅꯕ ꯃꯔꯨꯑꯣꯏꯕ ꯑꯣꯐꯤꯁꯁꯤꯡ ꯉꯥꯛ ꯁꯦꯜꯍꯟꯁꯤ꯫ ꯃꯔꯨꯑꯣꯏꯈ꯭ꯔꯕ ꯂꯣꯏꯁꯪ ꯃꯩ ꯊꯥꯕꯗ
ꯆꯦꯟꯅꯕꯁꯤꯡ ꯄꯨꯊꯣꯛꯀꯗꯕꯅꯤ꯫ ꯃꯈꯣꯏꯒꯤ ꯃꯊꯛꯇ ꯑꯀꯟꯕ ꯊꯕꯛ ꯂꯧꯈꯠꯐꯝ ꯊꯣꯛꯏ꯫