ꯑꯦꯗꯤꯇꯣꯔꯤꯌꯦꯜ IMPHAL, MONDAY, JULY, 29 2019 ꯅꯤꯡꯊꯧꯀꯥꯕ, ꯏꯉꯦꯟꯒꯤ 27 ꯅꯤ ꯄꯥꯟꯕ, ꯃꯥꯂꯤꯌꯥ ꯀꯨꯝꯁꯤꯡ 3417 obT\ꯂꯩ ꯃꯀꯩꯋ꯭ꯀ
2 HUEIYEN LANPAO

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ
ꯅꯤꯡꯊꯧꯀꯥꯕ, ꯖꯨꯂꯥꯏ 29, 2019, ꯏꯝꯐꯥꯜ
11 ꯁꯨꯕ ꯆꯍꯤ, 103 ꯁꯨꯕ ꯃꯁꯤꯡ
ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯤꯕ ꯑꯦꯗꯤꯇꯔ,
ꯉꯁꯤ ꯃꯥꯂꯦꯝꯒꯤ ꯑꯣꯏꯅ ꯃꯍꯩ-ꯃꯁꯤꯟ ꯇꯝꯕꯗ ꯃꯩꯇꯩ ꯂꯩꯕꯥꯀ ꯃꯅꯤꯄꯨꯔꯁꯨ,
ꯄꯂꯦꯝ-ꯄꯥꯟꯊꯧ ꯑꯣꯏꯔꯤꯕ ꯃꯃꯥ-ꯃꯄꯥꯁꯤꯅꯡꯁꯨ ꯑꯩꯒꯤ ꯏꯆꯥ-ꯏꯁꯨꯁꯤꯡꯗꯤ ꯏꯡꯂꯤꯁ
ꯌꯥꯝꯅ ꯍꯩꯔꯦ, ꯍꯤꯟꯗꯤ ꯍꯩꯔꯦ ꯍꯥꯏꯅ ꯃꯈꯧ ꯄꯣꯡꯅ ꯍꯥꯔꯥꯎꯅꯔꯤ꯫ ꯑꯩꯒꯤ ꯏꯆꯥꯗꯤ
ꯃꯩꯇꯩ ꯂꯩꯕꯥꯛꯀꯤ ꯃꯀꯣꯛ, ꯐꯔꯁꯠ ꯇꯥꯏ, ꯁꯦꯀꯦꯟꯗ ꯇꯥꯏ, ꯊꯔꯗ ꯇꯥꯏ ꯍꯥꯏꯅꯁꯨ
ꯍꯥꯔꯥꯎꯅꯔꯤ꯫ ꯃꯅꯤꯄꯨꯔ ꯒꯚꯔꯟꯃꯦꯟꯠꯅꯁꯨ ꯂꯨꯄꯥ ꯂꯥꯈꯀꯤ ꯃꯇꯦꯡ ꯄꯤꯕꯤꯔꯤ꯫

ꯏꯡꯂꯤꯁ ꯌꯥꯝꯅ ꯉꯥꯡꯂꯒ, ꯍꯤꯟꯗꯤ ꯌꯥꯝꯅ ꯉꯥꯡꯂꯒ, ꯃꯥꯔꯛ ꯌꯥꯝꯅ ꯐꯪꯂꯒ ꯂꯥꯏꯔꯤꯛ
ꯌꯥꯝꯅ ꯍꯩꯔꯦ ꯍꯥꯏꯕꯗꯤ ꯂꯥꯟꯒꯅꯤ꯫ ꯍꯧꯖꯤꯛ ꯇꯝꯂꯤꯕ ꯑꯉꯥꯡꯁꯤꯡꯁꯤꯅ ꯃꯁꯥꯒꯤ
ꯏꯅꯥꯠꯀꯤ ꯆꯠꯅ-ꯀꯥꯡꯂꯣꯟꯗꯤ ꯑꯃꯠꯇ ꯈꯪꯗꯔꯦ꯫ ꯊꯥꯏꯅ ꯃꯃꯥꯡꯉꯩꯒꯤ ꯏꯄꯥ-

ꯏꯄꯨꯁꯤꯡꯅ ꯑꯍꯥꯟꯕ ꯂꯥꯏꯔꯤꯛ ꯇꯝꯕꯤꯕ ꯍꯧꯕꯗ ꯏꯔꯣꯜꯒꯤ ꯏꯃꯥ-ꯏꯄꯥꯒꯤ ꯆꯠꯅꯔꯣꯜ
ꯍꯥꯟꯅ ꯇꯥꯛꯄꯤ-ꯇꯝꯕꯤ꯫ ꯍꯧꯖꯤꯛꯀꯤ ꯂꯥꯏꯔꯤꯛ ꯇꯝꯕꯤꯕ ꯃꯇꯝꯕꯤꯗꯤ ꯏꯔꯣꯜ
ꯊꯥꯗꯣꯛꯂꯒ ꯄꯤꯛꯂꯤꯕ ꯏꯆꯥ-ꯏꯁꯨꯁꯤꯡꯅ ꯆꯍꯤ ꯑꯍꯨꯝ ꯁꯨꯔꯛꯄꯗ ꯕꯥ ꯕꯥ ꯕ꯭ꯂꯦꯛ
ꯁꯤꯞ ꯍꯥꯏꯅ ꯍꯥꯟꯅ ꯇꯝꯕꯤꯔꯤ꯫ ꯑꯁꯨꯝꯅ ꯇꯝꯕꯤꯕ ꯍꯧꯈꯤꯕꯅ ꯃꯤꯒꯤ ꯃꯔꯣꯜ ꯇꯝꯂ-

ꯇꯝꯂꯒ ꯂꯥꯏꯔꯤꯛ ꯍꯩꯔ-ꯍꯩꯔꯒ ꯉꯁꯤꯗꯤ ꯏꯁꯥꯒꯤ ꯏꯔꯣꯜ ꯍꯥꯠꯇꯣꯛꯆꯔꯤ꯫ ꯃꯇꯧ
ꯑꯁꯨꯝꯅ ꯏꯁꯥꯒꯤ ꯏꯅꯥꯠꯄꯨ-ꯏꯔꯣꯜꯕꯨ ꯊꯥꯗꯣꯛꯈꯤꯕꯗꯒꯤ ꯉꯁꯤꯗꯤ ꯃꯩꯇꯩ ꯃꯆꯥꯁꯤꯡꯁꯦ
ꯆꯠꯅ-ꯆꯠꯅ, ꯍꯤꯡꯅ-ꯍꯤꯡꯅ ꯑꯩꯁꯦ ꯁꯤꯔꯦ ꯍꯥꯏꯕ ꯃꯁꯥꯅ ꯈꯪꯖꯗꯔꯦ꯫ ꯃꯁꯤꯕꯨ
ꯑꯁꯤꯕ ꯈꯨꯟꯅꯥꯏ ꯀꯧꯏ꯫ ꯃꯔꯝ ꯑꯁꯤꯅꯅꯤ ꯉꯁꯤ ꯏꯆꯥ-ꯏꯁꯨꯁꯤꯡꯅ ꯂꯥꯏꯔꯤꯛ ꯃꯁꯛ
ꯈꯪꯗ꯭ꯔꯤꯕ, ꯂꯥꯏꯔꯤꯛ ꯄꯥꯅꯤꯡꯗ꯭ꯔꯤꯕꯁꯦ꯫ ꯉꯁꯤ ꯃꯩꯇꯩ ꯂꯩꯕꯥꯛꯅ ꯃꯥꯡꯂꯤꯕꯁꯦ ꯀꯅꯥꯅ
ꯃꯥꯡꯍꯜꯂꯤꯕꯅꯣ ꯍꯥꯏꯕꯁꯤ ꯈꯪꯕꯤꯐꯝ ꯊꯣꯛꯏ꯫ ꯁ꯭ꯀꯨꯜ ꯁꯦꯒꯥꯏꯕꯅ ꯅꯠꯇꯦ, ꯆꯦꯛꯀꯤ
ꯁ꯭ꯀꯨꯜ ꯁꯥꯕꯅ ꯅꯠꯇꯦ꯫ ꯂꯥꯏꯔꯤꯛ ꯍꯥꯏꯕ ꯑꯁꯤ ꯀꯔꯤꯅꯣ ꯃꯁꯛ ꯈꯪꯗꯕꯗꯒꯤ, ꯂꯥꯏꯁꯨ
ꯍꯥꯏꯕꯗꯨ ꯃꯁꯛ ꯈꯪꯗꯕꯗꯒꯤ ꯇꯝꯕꯤꯔꯤꯕ ꯑꯣꯖꯥꯁꯤꯡꯅ, ꯑꯦꯗ꯭ꯌꯨꯀꯦꯁꯟ ꯄꯥꯏꯕꯤꯔꯤꯕ
ꯃꯤ ꯑꯗꯨꯅ ꯁꯣꯏꯕꯗꯒꯤꯅꯤ ꯍꯥꯏꯖꯅꯤꯡꯏ꯫ ꯃꯔꯝ ꯑꯁꯤꯅ ꯃꯅꯤꯄꯨꯔ ꯂꯩꯉꯥꯛꯅ
ꯌꯦꯡꯁꯤꯟꯕꯤꯌꯨ ꯍꯥꯏꯖꯔꯤ꯫

ꯑꯗꯣꯝꯒꯤ - ꯁꯣꯏꯕꯝ ꯒꯨꯅꯤꯟꯗ꯭ꯔꯣ ꯃꯩꯇꯩ
ꯀꯣꯡꯕ ꯈꯦꯇ꯭ꯔꯤ ꯂꯩꯀꯥꯏ꯫

ꯍꯧꯖꯤꯛ ꯇꯝꯂꯤꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯁꯣꯏꯔꯦ,
ꯂꯩꯉꯥꯛꯅ ꯌꯦꯡꯁꯤꯟꯕꯤꯌꯨ
ꯑꯦꯗꯤꯇꯔꯗ ꯊꯥꯔꯛꯄ ꯆꯤꯊꯤ...

o

ꯏꯟꯗꯤꯌꯥ ꯑꯃꯁꯨꯡ ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯃꯔꯤ ꯆꯥꯏꯅꯥꯒꯤ ꯏꯊꯤꯜ ꯆꯪꯍꯟꯗꯅꯕ ꯊꯧꯔꯥꯡ ꯀꯌꯥ ꯂꯧꯈꯠꯂꯛꯂꯤ
ꯇꯣꯈꯥꯏ ꯇꯥꯕꯒꯤ ꯑꯀꯟꯕ ꯏꯍꯧ ꯍꯧꯔꯤꯕ ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯔꯟꯈꯥꯏꯟ ꯁ꯭ꯇꯦꯠꯇ
ꯆꯥꯏꯅꯅꯥ ꯁꯦꯝꯒꯠ-ꯁꯥꯒꯠꯄꯒꯤ ꯊꯧꯔꯥꯡ ꯀꯌꯥ ꯂꯧꯈꯠꯂꯛꯂꯤ꯫ ꯕꯦꯜꯠ ꯑꯦꯟꯗ ꯔꯣꯗ
ꯏꯅꯤꯁꯤꯌꯦꯇꯤꯚ (ꯕꯤ ꯑꯥꯔ ꯑꯥꯏ)ꯒꯤ ꯃꯈꯥꯗ ꯆꯥꯏꯅꯥꯅ ꯌꯥꯝꯂꯕ ꯁꯦꯟꯐꯝ ꯄꯨꯊꯣꯛꯂꯒ
ꯏꯟꯐ꯭ꯔꯥꯁ꯭ꯇ꯭ꯔꯛꯆꯔ ꯄ꯭ꯔꯣꯖꯦꯛꯠ ꯄꯥꯏꯈꯠꯂꯛꯄꯒꯤ ꯃꯇꯥꯡꯗ ꯑꯔꯥꯀꯥꯟ
ꯑꯥꯔꯃꯤꯅ ꯇꯔꯥꯝꯅ ꯑꯣꯛꯄꯒꯤ ꯋꯥꯐꯝ ꯀꯌꯥ ꯐꯣꯡꯗꯣꯔꯛꯈꯤ꯫ ꯑꯔꯥꯀꯥꯟ ꯑꯥꯔꯃꯤꯒꯤ
ꯄꯣꯂꯤꯇꯤꯀꯦꯜ ꯋꯤꯡ, ꯌꯨꯅꯥꯏꯇꯦꯠ ꯂꯤꯒ ꯑꯣꯐ ꯑꯔꯥꯀꯥꯟ (ꯌꯨ ꯑꯦꯜ ꯑꯦ)ꯅ ꯆꯥꯏꯅꯥꯒꯤ
ꯊꯧꯔꯥꯡ ꯁꯧꯒꯠꯂꯛꯈ꯭ꯔꯕꯁꯨ ꯏꯟꯗꯤꯌꯥꯅ ꯄꯥꯏꯈꯠꯂꯤꯕ ꯀꯂꯥꯗꯥꯟ ꯃꯜꯇꯤ ꯃꯣꯗꯦꯜ
ꯀꯅꯦꯛꯇꯤꯚꯤꯇꯤ ꯄ꯭ꯔꯣꯖꯦꯛꯠꯀꯤ ꯃꯇꯥꯡꯗꯗꯤ ꯌꯥꯅꯤꯡꯏ ꯅꯠꯇ꯭ꯔꯒ ꯌꯥꯅꯤꯡꯗꯦ
ꯍꯥꯏꯕ ꯋꯥꯐꯝ ꯑꯃꯠꯇ ꯐꯣꯡꯗꯣꯔꯛꯇ꯭ꯔꯤ꯫ ꯍꯤꯔꯝ ꯑꯁꯤꯒꯤ ꯃꯇꯥꯡꯗ ꯑꯈꯪ-

ꯑꯍꯩꯁꯤꯡꯅ ꯍꯥꯏ, ꯆꯍꯤ ꯑꯁꯤꯒꯤ ꯍꯧꯒꯠꯂꯛꯄꯗ ꯏꯟꯗꯤꯌꯟ ꯑꯥꯔꯃꯤꯅ ꯆꯤꯜ
ꯍꯤꯜꯁ ꯑꯃꯁꯨꯡ ꯔꯈꯥꯏꯟꯒ ꯂꯣꯟꯅꯕ ꯃꯤꯖꯣꯔꯥꯝꯒꯤ ꯉꯝꯈꯩꯗ ꯕꯥꯔꯃꯤꯖ ꯑꯥꯔꯃꯤꯒ
ꯈꯨꯠꯁꯝꯅꯗꯨꯅ ꯑꯔꯥꯀꯥꯟ ꯑꯥꯔꯃꯤꯒꯤ ꯃꯊꯛꯇ ꯑꯣꯄꯔꯦꯁꯟ ꯆꯠꯊꯔꯨꯕꯅ ꯃꯔꯝ
ꯑꯣꯏꯔꯒ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯊꯕꯛ-ꯊꯧꯔꯝꯗ ꯔꯣꯍꯤꯟꯖꯥ ꯐꯨꯔꯨꯞꯀꯤ ꯂꯥꯜꯍꯧꯂꯨꯞ
ꯑꯁꯤꯅ ꯁꯧꯒꯠꯂꯛꯇꯕꯅꯤ꯫ ꯏꯟꯗꯤꯌꯥꯅ ꯃ꯭ꯌꯟꯃꯥꯔ ꯑꯣꯊꯣꯔꯤꯇꯤꯁꯤꯡꯒꯤ
ꯑꯄꯥꯝꯕ ꯃꯇꯨꯡ ꯏꯟꯅ ꯔꯣꯍꯤꯟꯖꯥ ꯃꯤꯂꯤꯇꯦꯟꯠꯁꯤꯡꯒꯤ ꯃꯊꯛꯇ ꯑꯣꯄꯔꯦꯁꯟ
ꯆꯠꯊꯈ꯭ꯔꯕ ꯃꯇꯨꯡꯗ ꯕꯥꯔꯃꯤꯖ ꯑꯥꯔꯃꯤꯅꯁꯨ ꯅꯣꯡꯆꯨꯞ ꯊꯪꯕ ꯃꯌꯥꯟꯃꯥꯔꯒꯤ ꯁꯒꯥꯡ
ꯄ꯭ꯔꯣꯚꯤꯟꯆꯇ ꯂꯩꯕ ꯅꯣꯔꯊ ꯏꯁꯠ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯂꯥꯜꯍꯧꯕꯁꯤꯡ ꯇꯛꯊꯣꯛꯅꯕ
ꯍꯣꯠꯅꯔꯛꯄꯒꯤ ꯃꯑꯣꯡ ꯑꯃ ꯎꯕ ꯐꯪꯂꯤ꯫ ꯍꯤꯔꯝ ꯈꯨꯗꯤꯡꯃꯛꯇ ꯏꯟꯗꯤꯌꯥꯅ
ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯌꯥꯀꯥ ꯌꯦꯡꯂꯒ ꯊꯕꯛ ꯇꯧꯔꯤꯕꯁꯤꯁꯨ ꯅꯣꯔꯊ ꯏꯟꯗꯤꯌꯥꯒꯤ
ꯂꯥꯜꯍꯧꯕꯁꯤꯡ ꯃ꯭ꯌꯟꯃꯥꯔꯗ ꯆꯪꯖꯐꯝ ꯄꯤꯍꯟꯗꯕꯒꯤ ꯄꯥꯟꯗꯝꯗꯅꯤ ꯍꯥꯏꯅ ꯂꯧꯅꯔꯤ꯫

ꯔꯈꯥꯏꯟꯗ ꯃ꯭ꯌꯟꯃꯥꯔ ꯑꯥꯔꯃꯤꯅ ꯄꯥꯛ ꯁꯟꯅ ꯑꯣꯄꯔꯦꯁꯟ ꯆꯠꯊꯈ꯭ꯔꯕ
ꯃꯇꯨꯡꯗ ꯔꯣꯍꯤꯟꯖꯥ ꯂꯥꯛ 50 ꯍꯦꯟꯅ ꯔꯈꯥꯏꯟꯗꯒꯤ ꯆꯦꯟꯊꯣꯔꯛꯇꯨꯅ ꯌꯨꯝꯂꯣꯟꯅꯕ
ꯕꯪꯂꯥꯗꯦꯁꯇ ꯆꯦꯟꯁꯤꯜꯂꯛꯈꯤ꯫ ꯃꯅꯤꯄꯨꯔ ꯌꯥꯎꯅ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯇꯣꯉꯥꯟ-ꯇꯣꯉꯥꯟꯕ
ꯃꯐꯝ ꯀꯌꯥꯗꯁꯨ ꯌꯣꯍꯤꯟꯖꯥ ꯔꯦꯐ꯭ꯌꯨꯖꯤꯁꯤꯡ ꯆꯦꯟꯁꯤꯜꯂꯛꯂꯦ ꯍꯥꯏꯅ ꯊꯥꯖꯅꯔꯤ꯫

ꯃꯃꯥꯡ ꯆꯍꯤꯒꯤ ꯑꯣꯒꯁꯠ 24 ꯑꯃꯁꯨꯡ 25 ꯗ ꯑꯔꯥꯀꯥꯟ ꯔꯣꯍꯤꯟꯖꯥ ꯃꯜꯚꯦꯁꯟ
ꯑꯥꯔꯃꯤ (ꯑꯦ ꯑꯥꯔ ꯑꯦꯁ ꯑꯦ)ꯅ ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯂꯥꯝꯅꯤ ꯑꯃꯁꯨꯡ ꯄꯨꯂꯤꯁꯇ
ꯑꯦꯇꯦꯛ ꯆꯠꯊꯔꯨꯕꯗꯒꯤ ꯑꯣꯏꯔꯛꯂꯤꯕ ꯐꯤꯚꯝ ꯑꯁꯤꯒꯤ ꯃꯇꯥꯡꯗ ꯏꯟꯗꯤꯌꯥꯅ
ꯃ꯭ꯌꯥꯟꯃꯥꯔꯒꯤ ꯑꯣꯊꯣꯔꯤꯇꯤꯕꯨ ꯁꯧꯒꯠꯄ ꯐꯣꯡꯗꯣꯛꯂꯤ꯫ ꯍꯤꯔꯝ ꯑꯁꯤꯒꯤ ꯃꯇꯥꯡꯗ
ꯏꯟꯗꯤꯌꯟ ꯃꯤꯅꯤꯁꯇ꯭ꯔꯤ ꯑꯣꯐ ꯑꯦꯛꯁꯇꯔꯅꯦꯜ ꯑꯦꯐꯤꯌꯔꯁꯅ ꯍꯥꯏꯈꯤ,
ꯑꯔꯥꯀꯥꯟ ꯔꯣꯍꯤꯟꯖꯥ ꯁꯜꯚꯦꯁꯟ ꯑꯥꯔꯃꯤꯅ ꯄꯨꯂꯤꯁ ꯑꯃꯁꯨꯡ ꯑꯥꯔꯃꯤꯒꯤ ꯄꯣꯁꯠ
30 ꯔꯣꯝꯗ ꯑꯦꯇꯦꯛ ꯆꯠꯊꯔꯨꯕꯗꯒꯤ ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯑꯥꯔꯃꯤꯅ ꯀꯥꯎꯟꯇꯔ
ꯑꯦꯇꯦꯛ ꯆꯠꯊꯔꯛꯄꯗ ꯔꯣꯍꯤꯟꯖꯥ ꯂꯥꯈ 50 ꯍꯦꯟꯅ ꯆꯦꯟꯊꯣꯔꯛꯄꯅꯤ꯫

ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯄꯨꯛꯅꯤꯡ ꯄꯦꯜꯍꯟꯅꯕꯒꯤ ꯄꯥꯟꯗꯝꯗ ꯍꯧꯖꯤꯛ-ꯍꯧꯖꯤꯛ
ꯌꯨꯅꯥꯏꯇꯦꯗ ꯅꯦꯁꯟ ꯍꯥꯏ ꯀꯝꯃꯤꯁꯅꯔ ꯐꯣꯔ ꯔꯦꯐ꯭ꯌꯨꯖꯤꯖ (ꯌꯨ ꯑꯦꯟ ꯑꯩꯆ ꯁꯤ
ꯑꯥꯔ)ꯗ ꯔꯦꯖꯤꯁꯇꯥꯔ ꯇꯧꯔꯕ ꯔꯣꯍꯤꯟꯖꯥ ꯔꯦꯐ꯭ꯌꯨꯖꯤ 15,000 ꯌꯥꯎꯅ ꯏꯟꯗꯤꯌꯥꯗ
ꯑꯌꯥꯕ ꯌꯥꯎꯗꯕ ꯆꯪꯂꯛꯈꯤꯕ ꯔꯣꯍꯤꯟꯖꯥ 40,000 ꯇꯥꯟꯊꯣꯛꯅꯕ ꯊꯧꯔꯥꯡ
ꯂꯧꯈꯠꯂꯒꯅꯤ ꯍꯥꯏꯅꯁꯨ ꯏꯟꯗꯤꯌꯥꯅ ꯂꯥꯎꯊꯣꯛꯈꯤ꯫ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯊꯧꯑꯣꯡ ꯑꯗꯨꯕꯨ
ꯌꯨꯅꯥꯏꯇꯦꯗ ꯅꯦꯁꯟꯁꯅ ꯌꯥꯅꯤꯡꯗꯕ ꯐꯣꯡꯗꯣꯔꯛꯈꯤꯕꯅꯤ꯫ ꯑꯃꯔꯣꯝꯗ ꯆꯥꯏꯅꯥꯅꯁꯨ
ꯔꯈꯥꯏꯟꯒꯤ ꯃꯇꯥꯡꯗ ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯃꯇꯦꯡ ꯄꯥꯡꯅꯕ ꯊꯧꯔꯥꯡ ꯂꯧꯈꯠꯂꯛꯈꯤ꯫

ꯄꯤꯄꯜ'ꯁ ꯔꯤꯄꯕ꯭ꯂꯤꯛ ꯑꯣꯐ ꯆꯥꯏꯅꯥꯒꯤ ꯃ꯭ꯌꯟꯃꯥꯔꯗ ꯑꯦꯝꯕꯦꯁꯦꯗꯔ ꯑꯣꯏꯕ
ꯍꯣꯡ ꯂꯤꯌꯥꯡꯅ ꯍꯥꯏꯈꯤ, ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯗꯕꯁꯤꯡ ꯋꯥꯔꯣꯏꯁꯤꯟ
ꯄꯨꯔꯛꯅꯕ ꯍꯣꯠꯅꯕꯗ ꯏꯟꯇꯔꯅꯦꯁꯅꯦꯜ ꯀꯝꯃ꯭ꯌꯨꯅꯤꯇꯤꯅ ꯃꯇꯦꯡ ꯄꯥꯡꯁꯤꯟꯕ
ꯃꯊꯧ ꯇꯥꯏ꯫ ꯄꯟꯕ ꯌꯥꯕꯗꯤ, ꯏꯟꯗꯤꯌꯥ ꯑꯃꯁꯨꯡ ꯆꯥꯏꯅꯥꯅ ꯃ꯭ꯌꯟꯃꯥꯔꯗ ꯑꯆꯧ-

ꯑꯆꯧꯕ ꯏꯟꯐ꯭ꯔꯥꯁ꯭ꯇ꯭ꯔꯛꯆꯔ ꯄ꯭ꯔꯣꯖꯦꯛꯠ ꯀꯌꯥ ꯄꯥꯏꯈꯠꯂꯤꯕꯅꯤ꯫ ꯏꯟꯗꯤꯌꯥꯅ
ꯄꯥꯏꯈꯠꯂꯤꯕ ꯃꯔꯨ ꯑꯣꯏꯕ ꯊꯧꯔꯥꯡꯗꯤ ꯀꯂꯥꯗꯥꯟ ꯃꯜꯇꯤ ꯃꯣꯗꯦꯜ ꯄ꯭ꯔꯣꯖꯦꯛꯠꯅꯤ꯫

ꯆꯥꯏꯅꯥꯒꯤꯅ ꯕꯦꯜꯠ ꯑꯦꯟꯗ ꯔꯣꯗ ꯏꯅꯤꯁꯤꯌꯦꯇꯤꯚꯅꯤ꯫ ꯏꯟꯗꯤꯌꯥꯅ ꯄꯥꯏꯈꯠꯂꯤꯕ
ꯑꯦꯛꯠ ꯏꯁꯠ ꯄꯣꯂꯤꯁꯤ ꯃꯥꯏ ꯄꯥꯛꯍꯟꯅꯕ ꯍꯣꯠꯅꯕꯗ ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯃꯇꯦꯡ
ꯃꯊꯧ ꯇꯥꯕ ꯃꯔꯝꯅ ꯍꯤꯔꯝ ꯈꯨꯗꯤꯡꯃꯛꯇ ꯏꯟꯗꯤꯌꯥꯅ ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯌꯥꯀꯥ
ꯌꯦꯡꯂꯒ ꯊꯕꯛ ꯇꯧꯕꯒꯤ ꯃꯑꯣꯡ ꯑꯃ ꯎꯕ ꯐꯪꯂꯤ ꯍꯥꯏꯅ ꯁꯦꯟꯇꯔ ꯐꯣꯔ ꯁ꯭ꯇꯗꯤꯖ
ꯏꯟ ꯏꯟꯇꯔꯅꯦꯁꯅꯦꯜ ꯔꯤꯂꯦꯁꯟꯁ ꯑꯦꯟꯗ ꯗꯤꯚꯂꯞꯃꯦꯟꯠꯀꯤ ꯔꯤꯄꯣꯔꯠ
ꯑꯃꯅ ꯐꯣꯡꯗꯣꯛꯂꯤ꯫ ꯄꯨꯝꯅꯃꯛ ꯑꯁꯤꯒꯤ ꯃꯊꯛꯇ ꯅꯣꯔꯊ ꯏꯁꯠ ꯏꯟꯗꯤꯌꯥꯒꯤ
ꯇꯣꯉꯥꯟ-ꯇꯣꯉꯥꯟꯕ ꯂꯥꯜꯍꯧꯕꯁꯤꯡ ꯃ꯭ꯌꯟꯃꯥꯔꯗꯒꯤ ꯇꯥꯟꯊꯣꯛꯍꯟꯅꯕ ꯍꯣꯠꯅꯕ
ꯍꯥꯏꯕꯁꯤ ꯅ꯭ꯌꯨ ꯗꯤꯜꯂꯤꯒꯤ ꯌꯥꯝꯅ ꯃꯔꯨ ꯑꯣꯏꯕ ꯄꯥꯟꯗꯝ ꯑꯃ ꯑꯣꯏꯕꯒꯨꯝ ꯇꯧꯔꯤ꯫

ꯋꯥꯈꯜꯂꯣꯟ ꯑꯈꯤꯗ ꯌꯨꯝꯐꯝ ꯑꯣꯏꯔꯒ ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯁꯤꯇꯤꯖꯟꯁꯤꯡ ꯏꯟꯗꯤꯌꯥꯗ
ꯂꯥꯛꯄꯗ ꯁꯦꯜ ꯑꯃꯠꯇ ꯇꯤꯡꯍꯟꯗꯅ ꯚꯤꯖꯥ ꯄꯤꯅꯕ ꯑꯃꯁꯨꯡ ꯃ꯭ꯌꯟꯃꯥꯔꯒ
ꯀꯥꯟꯅꯒꯗꯕ ꯊꯧꯔꯥꯡ ꯀꯌꯥ ꯂꯧꯈꯠꯂꯛꯄꯅꯤ ꯍꯥꯏꯅ ꯊꯥꯖꯅꯔꯤ꯫ ꯅꯥꯀꯜ ꯑꯃꯔꯣꯝꯗ,
ꯆꯥꯏꯅꯥꯅꯁꯨ ꯁꯦꯝꯒꯠ-ꯁꯥꯒꯠꯄꯒꯤ ꯊꯧꯔꯥꯡ ꯀꯌꯥ ꯂꯧꯈꯠꯇꯨꯅ ꯃ꯭ꯌꯟꯃꯥꯔꯒꯤ ꯊꯝꯅꯕ
ꯃꯔꯤ ꯍꯦꯟꯅ ꯆꯦꯠꯁꯤꯜꯍꯟꯅꯕ ꯍꯣꯠꯅꯔꯤ꯫ ꯏꯟꯗꯤꯌꯥ ꯑꯃꯗꯤ ꯆꯥꯏꯅꯥꯅ ꯃꯥꯒꯤ- ꯃꯥꯒꯤ ꯑꯣꯏꯕ ꯄꯥꯟꯗꯝ ꯑꯃꯃꯝꯒꯤ ꯃꯈꯥꯗ ꯃ꯭ꯌꯟꯃꯥꯔꯒ ꯑꯆꯦꯠꯄ ꯃꯔꯤ ꯊꯝꯅꯕ
ꯍꯣꯠꯅꯔꯛꯂꯤꯕꯁꯤꯅ ꯀꯔꯝꯕꯅ ꯃꯥꯏ ꯄꯥꯛꯄꯒꯦ ꯍꯥꯏꯕꯗꯨ ꯌꯦꯡꯕ ꯇꯥꯕꯅꯤ꯫

ꯄꯥꯎꯆꯦ ꯑꯁꯤꯗ ꯐꯣꯡꯖꯔꯤꯕ ꯋꯥꯔꯦꯡꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜ, ꯃꯤꯠꯌꯦꯡ ꯑꯏꯕ ꯃꯁꯥ ꯃꯁꯥꯒꯤꯅꯤ꯫ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜꯂꯣꯟ ꯑꯃꯁꯨꯡ ꯃꯤꯠꯌꯦꯡꯒ ꯊꯣꯏꯗꯣꯛꯅ ꯃꯔꯤ ꯂꯩꯅꯗꯦ꯫

ꯏꯟꯗꯤꯌꯥꯒꯤ ꯑꯋꯥꯡ ꯅꯣꯡꯄꯣꯛ ꯂꯝꯗꯝ ꯑꯁꯤꯗ ꯐꯪꯂꯤꯕ ꯏꯁꯤꯡ ꯏꯆꯝꯗ ꯂꯩꯕ ꯍꯩꯅꯕ ꯉꯥꯒꯤ ꯃꯁꯤꯡ
ꯑꯁꯤ ꯑꯁꯨꯛꯀꯤ ꯃꯇꯤꯛ ꯌꯥꯝꯃꯤ꯫ ꯂꯝꯗꯝ ꯑꯁꯤꯗ ꯂꯩꯔꯤꯕ ꯇꯨꯔꯦꯜꯁꯤꯡ ꯑꯁꯤ ꯃꯔꯨ ꯑꯣꯏꯅ
ꯏꯁꯤꯡ ꯏꯆꯦꯜ ꯑꯍꯨꯝꯒꯤ ꯃꯅꯨꯡꯗ ꯆꯜꯂꯤ꯫ ꯃꯈꯣꯏꯁꯤꯡ ꯑꯗꯨꯗꯤ (1) ꯕꯔꯥꯛ-ꯕ꯭ꯔꯝꯍꯄꯨꯇ꯭ꯔ
(2) ꯀꯂꯥꯗꯥꯟ ꯑꯃꯁꯨꯡ (3) ꯆꯤꯟꯗꯋꯤꯟ ꯑꯁꯤꯅꯤ꯫ ꯃꯐꯝꯁꯤꯡ ꯑꯁꯤꯗꯒꯤ ꯑꯅꯧꯕ ꯉꯥ 100
ꯔꯣꯝ ꯍꯦꯟꯅ ꯂꯩꯕꯥꯛ ꯑꯁꯤꯒꯤ ꯕꯩꯒ꯭ꯔꯥꯅꯤꯛꯁꯤꯡ ꯑꯝꯗꯤ ꯑꯇꯣꯞꯄ ꯂꯩꯕꯥꯛꯀꯤ ꯕꯩꯒ꯭ꯌꯥꯅꯤꯛꯁꯤꯡꯅ
ꯄꯨꯊꯣꯛꯈ꯭ꯔꯦ ꯑꯃꯗꯤ ꯆꯤꯟꯗꯋꯤꯟꯒꯤ ꯏꯁꯤꯡꯗ ꯐꯪꯕ ꯉꯥ 41 ꯑꯇꯣꯞꯄ ꯃꯐꯝꯗ ꯐꯪꯗꯦ ꯍꯥꯏꯕ ꯈꯪꯕ
ꯉꯝꯂꯦ꯫ ꯃꯁꯤꯗꯁꯨ ꯅꯠꯇꯅ ꯕ꯭ꯔꯝꯍꯄꯨꯇ꯭ꯔꯒꯤ ꯏꯁꯤꯡꯗ ꯐꯪꯕ ꯉꯥ 27 ꯑꯇꯣꯞꯄ ꯃꯐꯝꯁꯤꯡꯗ
ꯐꯪꯗꯦ ꯍꯥꯏꯕꯁꯨ ꯈꯪꯕ ꯉꯝꯂꯦ꯫ ꯀꯂꯥꯗꯥꯟꯒꯤ ꯏꯁꯤꯡꯁꯤꯡꯗꯤ ꯍꯧꯖꯤꯛ ꯐꯥꯎꯕ ꯐꯖꯅ ꯊꯤꯖꯤꯟꯕ
ꯉꯝꯗ꯭ꯔꯤ꯫ ꯃꯊꯛꯇ ꯄꯟꯖꯈ꯭ꯔꯤꯕ ꯋꯥꯐꯝꯁꯤꯡ ꯑꯁꯤ ꯃꯅꯤꯄꯨꯔ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤꯗ ꯄ꯭ꯔꯣꯐꯦꯁꯥꯔ
ꯑꯣꯏꯟ ꯂꯩꯔꯤꯕ ꯋꯥꯏꯈꯣꯝ ꯕꯤꯁ꯭ꯋꯅꯥꯊꯅ ꯀꯨꯝꯖꯥ 2017 ꯇ ꯐꯣꯡꯈꯤꯕ ꯔꯤꯄꯣꯔꯠꯀꯤ ꯃꯇꯨꯡ ꯏꯟꯅꯅꯤ꯫

ꯀꯂꯥꯗꯥꯟꯒꯤ ꯏꯁꯤꯡ ꯑꯁꯤ ꯉꯥ ꯃꯈꯜ 200 ꯔꯣꯝ ꯂꯩꯔꯝꯒꯅꯤ ꯑꯃꯗꯤ ꯉꯥ ꯃꯈꯜ 20 ꯃꯨꯛ ꯑꯗꯨꯗꯤ
ꯑꯇꯣꯞꯄ ꯃꯐꯝꯁꯤꯡꯗ ꯐꯪꯗꯕ ꯉꯥ ꯃꯈꯜ ꯑꯣꯏꯒꯅꯤ ꯍꯥꯏꯅꯁꯨ ꯄꯥꯟꯅꯔꯤ꯫

ꯄ꯭ꯔꯣꯐꯦꯁꯥꯔ ꯕꯤꯁ꯭ꯋꯅꯥꯊꯅ ꯀꯨꯝꯖꯥ 2017 ꯗ ꯐꯣꯡꯈꯤꯕꯒꯤ ꯃꯇꯨꯡ ꯏꯟꯅ ꯑꯋꯥꯡ ꯅꯣꯡꯄꯣꯛ
ꯏꯟꯗꯤꯌꯥꯗ ꯉꯥ ꯃꯈꯜ 318 ꯐꯪꯏ꯫ ꯃꯈꯣꯏꯁꯤꯡ ꯑꯁꯤ ꯖꯦꯅꯦꯔꯥ 113 ꯒꯤ ꯃꯅꯨꯡ ꯆꯜꯂꯤ
ꯑꯃꯗꯤ ꯐꯦꯃꯤꯂꯤ 36ꯅꯤ꯫ ꯉꯥ ꯃꯈꯜ 229 ꯅ ꯕ꯭ꯔꯝꯍꯄꯨꯇ꯭ꯔꯗ ꯇꯥꯕ ꯏꯁꯤꯡꯗ ꯐꯪꯏ, 103 ꯅ
ꯆꯤꯟꯗꯋꯤꯟꯗ ꯇꯥꯕ ꯏꯁꯤꯡꯁꯤꯡꯗ fxF ꯑꯃꯁꯨꯡ 27 ꯅ ꯀꯂꯥꯗꯥꯟꯒꯤ ꯏꯁꯤꯡꯁꯤꯡꯗ ꯐꯪꯏ꯫

ꯂꯝꯗꯝ ꯑꯁꯤꯗ ꯐꯪꯂꯤꯕ ꯉꯥ ꯃꯈꯜ ꯑꯃ ꯀ꯭ꯔꯤꯇꯤꯀꯦꯜꯂꯤ ꯏꯟꯗꯦꯟꯖꯔ ꯑꯣꯏꯔꯦ꯫ ꯉꯥ ꯃꯈꯜ
13ꯅ ꯏꯟꯗꯦꯟꯖꯔ ꯑꯣꯏꯔꯦ ꯑꯗꯨꯒ ꯉꯥ ꯃꯈꯜ 34 ꯅ ꯚꯜꯅꯔꯦꯕꯜ ꯑꯣꯏꯔꯦ꯫ ꯂꯤꯁꯠ ꯀꯟꯁꯔꯟ
ꯑꯃꯗꯤ ꯏꯚꯥꯂꯨꯋꯦꯁꯟ ꯇꯧꯗꯕ ꯉꯥꯒꯤ ꯃꯈꯜꯁꯨ ꯑꯁꯨꯛꯀꯤ ꯃꯇꯤꯛ ꯌꯥꯝꯂꯤ꯫ ꯏꯚꯥꯂꯨꯋꯦꯁꯟ
ꯇꯧꯗꯕꯒꯤ ꯃꯔꯨ ꯑꯣꯏꯕ ꯃꯔꯝꯅ ꯊꯤꯖꯤꯟꯕ ꯋꯥꯠꯄꯒꯤ ꯗꯦꯇꯥ ꯐꯪꯗꯕꯅꯅꯤ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯉꯥꯒꯤ
ꯃꯔꯝꯗ ꯊꯤꯖꯤꯟ ꯍꯨꯝꯖꯤꯟꯕꯒꯤ ꯊꯕꯛꯁꯤꯡ ꯑꯁꯤ ꯂꯝꯗꯝ ꯑꯁꯤꯗ ꯑꯁꯨꯛꯀꯤ ꯃꯇꯤꯛ ꯃꯊꯧ
ꯇꯥꯔꯤ꯫ ꯑꯋꯥꯡ ꯅꯣꯡꯄꯣꯛ ꯂꯩꯕꯥꯛꯀꯤ ꯑꯣꯏꯕ ꯄꯋꯥꯔ ꯍꯥꯎꯖꯅꯤ ꯍꯥꯏꯅ ꯍꯥꯏꯅꯔꯤꯕ ꯁꯦꯟꯇ꯭ꯔꯦꯜ
ꯏꯂꯦꯛꯇ꯭ꯔꯤꯁꯤꯇꯤ ꯑꯣꯊꯣꯔꯤꯇꯤꯅ ꯍꯥꯏꯕꯒꯤ ꯃꯇꯨꯡ ꯏꯟꯅ ꯕ꯭ꯔꯝꯍꯄꯨꯇ꯭ꯔ ꯇꯨꯔꯦꯜꯗ ꯄ꯭ꯔꯣꯖꯦꯛꯠ
168 ꯄꯥꯏꯈꯠꯇꯨꯅ 63,328 ꯃꯦꯒꯋꯥꯠꯀꯤ ꯏꯂꯦꯛꯇ꯭ꯔꯤꯛ ꯄꯋꯥꯔ ꯄꯨꯊꯣꯛꯄ ꯉꯝꯒꯅꯤ꯫

ꯇꯧꯏꯒꯨꯝꯕꯁꯨꯡ ꯗꯥꯝ ꯀꯌꯥ ꯇꯨꯔꯦꯜꯁꯤꯡꯗ ꯁꯥꯕꯅ ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯉꯥ ꯃꯈꯜ ꯀꯌꯥ ꯃꯥꯡꯈꯤꯕ ꯌꯥꯕꯒꯤ
ꯑꯆꯧꯕ ꯃꯔꯝ ꯑꯃ ꯑꯣꯏꯔꯤ꯫ ꯈꯨꯗꯝ ꯑꯣꯏꯅ ꯍꯥꯏꯔꯕꯗ ꯏꯊꯥꯏ ꯕꯦꯔꯦꯖꯅ ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯉꯥ
ꯀꯌꯥ ꯇꯔꯦꯜꯁꯤꯡꯗ ꯀꯥꯔꯛꯄ ꯉꯝꯗꯕꯅ ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯑꯃꯗꯤ ꯉꯥ ꯀꯌꯥꯒꯤ ꯃꯔꯨꯝ ꯀꯣꯛꯐꯝ
ꯃꯥꯡꯍꯟꯈꯤꯗꯨꯅ ꯉꯥ ꯀꯌꯥꯒꯤ ꯃꯁꯤꯡ ꯍꯟꯊꯔꯛꯂꯤ꯫ ꯈꯨꯗꯝ ꯑꯣꯏꯅ ꯍꯥꯏꯔꯕꯗ ꯄꯦꯡꯕ, ꯉꯥꯇꯣꯟ,
ꯁꯔꯦꯡꯈꯣꯏꯕꯤꯅꯆꯤꯡꯕ ꯉꯥ ꯀꯌꯥ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯏꯁꯤꯡꯁꯤꯡꯗ ꯃꯔꯥꯡ ꯀꯥꯏꯅ ꯃꯇꯝ ꯑꯃꯗ
ꯐꯪꯂꯝꯃꯤ꯫ ꯇꯧꯏꯒꯨꯝꯕꯁꯨꯡ ꯍꯧꯖꯤꯛꯇꯤ ꯍꯥꯏꯔꯤꯕ ꯉꯥꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯃꯁꯤꯡ ꯑꯁꯤ ꯃꯍꯧꯁꯒꯥꯒꯤ
ꯑꯣꯏꯕ ꯏꯁꯤꯡꯁꯤꯡꯗ ꯑꯁꯨꯛꯀꯤ ꯃꯇꯤꯛ ꯍꯟꯊꯔꯛꯂꯤ꯫ ꯉꯥꯒꯤ ꯕꯥꯏꯑꯣꯗꯥꯏꯚꯔꯁꯤꯇꯤꯗ
ꯁꯣꯛꯍꯟꯕ ꯌꯥꯕ ꯑꯆꯧꯕ ꯄ꯭ꯔꯣꯖꯦꯛꯠ ꯈꯨꯗꯤꯡꯃꯛ ꯃꯅꯤꯡ-ꯃꯈꯥ ꯇꯧꯅ ꯑꯃꯗꯤ ꯇ꯭ꯔꯥꯟꯁꯄꯔꯦꯟꯠ
ꯑꯣꯏꯅ ꯄꯥꯡꯊꯣꯛꯄ ꯏꯟꯚꯥꯏꯔꯟꯃꯦꯟꯇꯦꯜ ꯏꯝꯄꯦꯛꯠ ꯑꯁꯦꯁꯃꯦꯟꯠꯀꯤ ꯑꯃꯗꯤ ꯍꯥꯟꯅ
ꯁꯥꯈ꯭ꯔꯕ ꯗꯥꯝꯁꯤꯡ ꯑꯁꯤꯁꯨ ꯆꯦꯛꯁꯤꯟꯅ ꯌꯦꯡꯁꯤꯟꯕ ꯃꯊꯧ ꯇꯥꯔꯤ꯫

ꯑꯋꯥꯡ ꯅꯣꯡꯄꯣꯛ ꯏꯟꯗꯤꯌꯥꯗ ꯐꯪꯂꯤꯕ ꯉꯥꯁꯤꯡ ꯑꯁꯤ ꯀꯜꯍꯧꯅꯕ ꯍꯣꯠꯅꯍꯧꯗ꯭ꯔꯕꯗꯤ ꯑꯩꯈꯣꯏ
ꯄꯨꯝꯅꯃꯛꯀꯤ ꯑꯣꯏꯅ ꯑꯆꯧꯕ ꯑꯃꯥꯡꯕ ꯑꯣꯏꯔꯒꯅꯤ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯌꯥꯝꯅ ꯊꯦꯡꯗ꯭ꯔꯤꯉꯩ
ꯑꯁꯤꯗ ꯆꯦꯛꯁꯤꯟ ꯊꯧꯔꯥꯡ ꯂꯧꯈꯠꯄ ꯃꯊꯧ ꯇꯥꯏ꯫ ꯍꯥꯏꯔꯤꯕ ꯆꯦꯛꯁꯤꯟ ꯊꯧꯔꯥꯡꯁꯤꯡ ꯑꯁꯤ
ꯂꯧꯈꯠꯅꯕꯒꯤꯗꯃꯛ ꯕꯩꯒ꯭ꯔꯥꯅꯤꯛꯁꯤꯡ, ꯄꯣꯂꯤꯇꯤꯀꯦꯜ ꯄꯥꯔꯇꯤꯁꯤꯡ, ꯂꯩꯉꯥꯛꯀꯤ ꯑꯃꯗꯤ
ꯂꯩꯉꯥꯛꯀꯤ ꯅꯠꯇꯕ ꯂꯣꯏꯁꯪꯁꯤꯡ ꯄꯨꯟꯅ ꯈꯟꯅ ꯅꯩꯅꯗꯨꯅ ꯂꯧꯈꯠꯄ ꯌꯥꯕ ꯊꯧꯔꯥꯡꯁꯤꯡ ꯂꯧꯈꯠꯄ
ꯃꯊꯧ ꯇꯥꯔꯤ꯫ ꯊꯧꯔꯥꯡꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯃꯈꯥꯗ ꯃꯤꯆꯝ ꯃꯤꯌꯥꯝ ꯈꯨꯗꯤꯡꯃꯛꯄꯨꯁꯨ ꯃꯥꯡꯁꯤꯜꯂꯛꯂꯤꯕ
ꯉꯥꯁꯤꯡ ꯑꯁꯤꯕꯨ ꯀꯟꯕꯒꯤ ꯃꯊꯧ ꯇꯥꯕ ꯑꯗꯨ ꯈꯪꯍꯟꯒꯗꯕꯅꯤ꯫ ꯃꯇꯥꯡ ꯑꯁꯤꯗ ꯄꯟꯖꯅꯤꯡꯕ ꯑꯃꯅ
ꯉꯥꯒꯤ ꯃꯈꯜ ꯈꯦꯟꯅꯕꯒꯤ ꯃꯇꯨꯡ ꯏꯟꯅ ꯉꯥꯒꯤ ꯀꯥꯟꯅꯕ ꯑꯁꯤ ꯑꯁꯨꯛꯀꯤ ꯃꯇꯤꯛ ꯌꯥꯝꯈ꯭ꯔꯦ꯫

ꯈꯨꯗꯝ ꯑꯣꯏꯅ ꯍꯥꯏꯔꯕꯗ ꯆꯥꯅꯅꯕ ꯑꯣꯏꯅ ꯁꯤꯖꯤꯟꯅꯕ, ꯂꯩꯇꯦꯡꯒꯤ ꯑꯣꯏꯅ ꯁꯤꯖꯤꯟꯅꯕ,
ꯁꯥꯟꯅꯕꯒꯤ (ꯁ꯭ꯄꯣꯔꯠꯁ ꯐꯤꯁꯔꯤꯖ) ꯑꯣꯏꯅ ꯁꯤꯖꯤꯟꯅꯕ ꯑꯃꯗꯤ ꯍꯤꯗꯥꯛ ꯑꯣꯏꯅ ꯁꯤꯖꯤꯟꯅꯕ
ꯑꯁꯤꯅꯆꯤꯡꯕꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕꯁꯤꯡ ꯑꯁꯤ ꯃꯤꯑꯣꯏ ꯈꯨꯗꯤꯡꯃꯛꯇ ꯁꯨꯒꯥꯏꯅ ꯈꯪꯍꯟꯕꯁꯨ ꯃꯊꯧ
ꯇꯥꯔꯤ꯫

ꯏꯟꯗꯤꯌꯥꯒꯤ ꯑꯋꯥꯡ-ꯅꯣꯡꯄꯣꯛ ꯂꯝꯗꯝꯗ ꯐꯪꯂꯤꯕ ꯉꯥꯁꯤꯡ ꯑꯃꯗꯤ
ꯃꯈꯣꯏꯕꯨ ꯃꯥꯡꯈꯤꯒꯗꯧꯕꯗꯒꯤ ꯀꯜꯍꯧꯅꯕ ꯄꯥꯝꯕꯩ
ꯂꯧꯃꯤꯁꯤꯡꯒꯤ ꯀꯥꯈꯜ
ꯑꯏꯪꯕ ꯃꯇꯝ ꯅꯠꯇꯅ ꯑꯇꯩ ꯃꯇꯝꯗꯁꯨ ꯍꯧꯕ ꯉꯝꯕ ꯄꯥꯝꯕꯤ : ꯚꯦꯂꯟꯗ꯭ꯔꯤ
ꯗꯣ: ꯑꯦꯝ ꯊꯣꯏꯊꯣꯏ
ꯗꯣ. ꯌꯨꯝꯅꯥꯝ ꯕꯦꯗꯖꯤꯠ
ꯅꯤꯡꯊꯝꯊꯥꯒꯤ ꯑꯏꯪꯕ ꯃꯇꯝ ꯅꯠꯇꯕ ꯃꯇꯩ ꯃꯇꯝꯗ ꯍꯧꯕ ꯉꯝꯕ ꯄꯥꯝꯕꯤꯅꯤ꯫ ꯑꯏꯪꯕ
ꯃꯇꯝꯗ ꯅꯠꯇꯅ ꯊꯥꯅꯤꯡꯕ ꯃꯇꯝꯗ ꯊꯥꯕ ꯌꯥꯏ꯫ ꯃꯆꯤ ꯑꯣꯏꯕ ꯆꯤꯟꯖꯥꯛ ꯑꯃ ꯑꯣꯏꯕꯇ
ꯅꯠꯇꯅ ꯍꯛꯆꯥꯡꯒꯤ ꯑꯅꯥ ꯑꯌꯦꯛ ꯀꯌꯥꯕꯨ ꯐꯍꯟꯕꯗꯁꯨ ꯀꯥꯟꯅꯕ ꯄꯤꯔꯤ꯫ ꯃꯈꯜ ꯈꯨꯗꯤꯡꯒꯤ
ꯑꯦꯟꯖꯥꯡꯒꯤ ꯃꯆꯜ ꯑꯣꯏꯔꯤ꯫ ꯍꯥꯕꯗꯤ ꯂꯥꯏꯕ ꯄꯥꯝꯕꯤꯁꯤ ꯀꯥꯡꯂꯣꯟ ꯆꯨꯝꯅ ꯊꯥꯔꯒ ꯁꯦꯜ
ꯇꯥꯟꯕ ꯌꯥꯏ꯫

ꯆꯥꯅꯕ ꯏꯁꯤꯡ ꯅꯨꯡꯁꯤꯠ : ꯑꯁꯥꯟꯕ ꯃꯇꯝꯒꯤ ꯄꯥꯝꯕꯤꯅꯤ꯫ ꯁꯦꯜꯁꯤꯌꯁ ꯗꯤꯒ꯭ꯔꯤ 25-30
ꯐꯥꯎꯕꯗ ꯐꯖꯅ ꯃꯇꯣꯟ ꯊꯣꯛꯏ꯫ ꯗꯤꯒ꯭ꯔꯤ ꯁꯦꯜꯁꯤꯌꯁ 17 ꯀꯤ ꯃꯈꯥꯗꯗꯤ ꯃꯇꯣꯟ ꯊꯣꯛꯄ
ꯉꯝꯗꯦ꯫ ꯏꯁꯤꯡ ꯃꯅꯤꯜ ꯂꯩꯕ ꯑꯃꯁꯨꯡ ꯑꯁꯥꯕ ꯃꯇꯝꯗ ꯆꯥꯅꯕ ꯄꯥꯝꯕꯤꯁꯤ ꯅꯨꯡꯊꯤꯜꯒꯤ
ꯃꯇꯝꯗ ꯁꯦꯜꯁꯤꯌꯁ ꯗꯤꯒ꯭ꯔꯤ 42 ꯗꯒꯤ ꯍꯦꯜꯂꯕꯗꯤ ꯃꯍꯩ ꯇꯝꯕ ꯉꯝꯗꯅ ꯃꯄꯥꯜꯁꯤꯡ
ꯀꯦꯜꯂꯤ꯫

ꯂꯩꯕꯥꯛ ꯁꯦꯝꯕ : ꯏꯁꯤꯡ ꯑꯃꯁꯨꯡ ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎꯕꯨ ꯐꯖꯅ ꯁꯦꯝ-ꯁꯥꯔꯕꯗꯤ ꯂꯩꯇꯥꯟ ꯂꯝꯗꯒꯤ
ꯂꯩꯉꯣꯏ ꯂꯝ ꯑꯣꯏꯅ ꯇꯧꯕ ꯃꯐꯝ ꯈꯨꯗꯤꯡꯗꯁꯨ ꯊꯥꯕ ꯌꯥꯏ꯫ ꯂꯩꯉꯣꯏ ꯂꯝ ꯑꯣꯏꯔꯒꯗꯤ ꯑꯋꯥꯠꯄ
ꯏꯁꯤꯡ ꯄꯤꯅꯕ ꯍꯣꯇꯅꯒꯅꯤ, ꯂꯩꯇꯥꯟ ꯂꯝꯒꯤ ꯑꯍꯦꯟꯕ ꯏꯁꯤꯡ ꯆꯤꯊꯐꯝ ꯐꯖꯅ ꯁꯦꯝꯒꯅꯤ꯫

ꯑꯁꯤꯟꯕ ꯂꯩꯕꯥꯛꯇ ꯆꯥꯅꯕ ꯋꯥꯠꯂꯤ꯫ ꯂꯩꯆꯪ ꯂꯩꯅ ꯑꯃꯨꯛ ꯈꯣꯏꯔꯕ ꯃꯇꯨꯡꯗ ꯌꯥꯡꯂꯞꯅ ꯑꯅꯤ
ꯑꯍꯨꯝꯂꯛ ꯈꯣꯏꯕ ꯆꯪꯏ꯫

ꯍꯥꯔ ꯍꯥꯞꯄ : ꯂꯩꯕꯥꯛ ꯑꯃꯁꯨꯡ ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎ ꯈꯦꯟꯅꯕꯒꯤ ꯃꯇꯨꯡ ꯏꯟꯅ ꯍꯥꯞꯀꯗꯕ ꯍꯥꯔ-

ꯒꯤ ꯆꯥꯡꯗ ꯈꯦꯟꯅꯕ ꯈꯔ ꯂꯩꯔꯕꯁꯨ ꯃꯍꯧꯁꯥꯅ ꯁꯉꯝ ꯑꯃ ꯆꯥꯎꯕ ꯃꯐꯝꯗ ꯁꯟꯊꯤ ꯁꯟꯌꯨꯡ-

ꯒꯤ ꯍꯥꯔ ꯇꯟ 5-7 ꯐꯥꯎꯕ ꯍꯥꯞꯄ ꯌꯥꯏ꯫ ꯁꯉꯝ ꯑꯃ ꯆꯥꯎꯕ ꯃꯐꯝꯗ ꯌꯨꯔꯤꯌꯥ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ
55, ꯗꯤ ꯑꯦ ꯄꯤ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 33 ꯑꯃꯁꯨꯡ ꯄꯣꯇꯥꯁ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 20 ꯆꯥꯏꯒꯅꯤ꯫ ꯁꯉꯝ
ꯑꯃꯒꯤ ꯍꯥꯞꯐꯝ ꯊꯣꯛꯄ ꯗꯤ ꯑꯦ ꯄꯤ, ꯄꯣꯇꯥꯁ ꯑꯃꯁꯨꯡ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯁꯔꯨꯛ ꯑꯍꯨꯝ ꯊꯣꯛ-

ꯄꯒꯤ ꯑꯃꯒ ꯄꯨꯟꯅ ꯂꯩꯕꯥꯛ ꯁꯦꯝꯕ ꯃꯇꯝꯗ ꯍꯥꯞꯍꯧꯒꯅꯤ꯫ ꯂꯦꯝꯍꯧꯔꯤꯕ ꯌꯨꯔꯤꯌꯥꯗꯨ ꯁꯔꯨꯛ
ꯑꯅꯤ ꯊꯣꯛꯂꯒ ꯁꯔꯨꯛ ꯑꯃꯅ ꯚꯦꯂꯟꯗ꯭ꯔꯤ ꯊꯥꯈ꯭ꯔꯕ ꯃꯇꯨꯡ ꯊꯥ ꯑꯃ ꯂꯩꯔꯒ ꯍꯥꯞꯀꯅꯤ꯫

ꯂꯦꯝꯍꯧꯔꯤꯕ ꯁꯔꯨꯛꯇꯨ ꯚꯦꯂꯟꯗ꯭ꯔꯤ ꯊꯥꯈ꯭ꯔꯕ ꯃꯇꯨꯡ ꯊꯥ ꯑꯅꯤ ꯂꯩꯔꯒ ꯍꯥꯞꯀꯅꯤ꯫

ꯊꯥꯕꯒꯤ ꯃꯇꯝ : ꯃꯇꯝ ꯑꯅꯤꯊꯣꯛꯅ ꯊꯥꯕ ꯌꯥꯏ. ꯐꯦꯕ꯭ꯔꯨꯋꯥꯔꯤꯒꯤ ꯑꯔꯣꯏꯕ ꯆꯌꯣꯜꯗꯒꯤ
ꯑꯦꯄ꯭ꯔꯤꯜꯒꯤ ꯑꯍꯥꯟꯕ ꯊꯥꯈꯥꯏ ꯐꯥꯎꯕ ꯊꯥꯕ ꯌꯥꯏ꯫ ꯅꯠꯇ꯭ꯔꯒ ꯑꯊꯦꯡꯕꯐꯤ ꯑꯣꯏꯅ ꯖꯨꯟ-ꯖꯨ-

ꯂꯥꯏꯗ ꯊꯥꯕ ꯌꯥꯏ꯫

ꯃꯔꯨꯒꯤ ꯆꯥꯡ : ꯐꯦꯕ꯭ꯔꯨꯋꯥꯔꯤ-ꯃꯥꯔꯆꯇ ꯊꯥꯒꯗꯕ ꯑꯣꯏꯔꯒꯗꯤ ꯄꯔꯤꯗ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 20 cxF

ꯑꯃꯁꯨꯡ ꯖꯨꯟ-ꯖꯨꯂꯥꯏꯒꯤ ꯑꯣꯏꯔꯒꯅ ꯄꯔꯤꯗ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 4-10 ꯐꯥꯎꯕ ꯆꯪꯒꯅꯤ꯫

ꯊꯥꯞꯅꯕ : ꯄꯥꯝꯕꯤꯒ ꯄꯥꯝꯕꯤꯒ ꯁꯦꯟꯇꯤꯃꯤꯇꯔ 15, ꯄꯔꯦꯡꯒ ꯄꯔꯦꯡꯒ ꯁꯦꯟꯇꯤꯃꯤꯇꯔ
45 ꯊꯥꯞꯅꯒꯊꯒꯅꯤ꯫ ꯌꯥꯔꯤꯕꯃꯈꯩ ꯄꯔꯦꯡꯁꯤꯡ ꯈꯥ-ꯋꯥꯡ ꯑꯣꯏꯅ ꯂꯩꯍꯟꯒꯅꯤ꯫ ꯅꯣꯡꯖꯨ ꯊꯥꯒꯤ
ꯑꯣꯏꯅ ꯖꯨꯟ-ꯖꯨꯂꯥꯏꯗ ꯊꯥꯕꯗꯗꯤ ꯄꯥꯝꯕꯤꯒ ꯄꯥꯝꯕꯤꯒ ꯁꯦꯟꯇꯤꯃꯤꯇꯔ 25-30, ꯄꯔꯦꯡꯒ
ꯄꯔꯦꯡꯒ ꯁꯦꯟꯇꯤꯃꯤꯇꯔ 45 ꯂꯥꯞꯅꯒꯟꯒꯅꯤ꯫

ꯏꯁꯤꯡ ꯆꯥꯏꯕ : ꯀꯥꯂꯦꯟꯊꯥꯒꯤꯗꯃꯛ ꯊꯥꯔꯤꯕ ꯚꯦꯂꯟꯗ꯭ꯔꯤ ꯄꯥꯝꯕꯤꯁꯤꯡꯗ ꯅꯨꯃꯤꯠ 4-5
ꯈꯨꯗꯤꯡꯒꯤ ꯏꯁꯤꯡ ꯆꯟꯒꯅꯤ꯫ ꯅꯣꯡꯖꯨꯊꯥꯒꯤ ꯃꯇꯝꯗ ꯍꯥꯔꯤꯕ ꯄꯥꯝꯕꯤꯁꯤꯡꯒꯤ ꯑꯣꯏꯅꯗꯤ
ꯅꯣꯡ ꯇꯥꯕꯒꯤ ꯆꯥꯡ ꯑꯃꯁꯨꯡ ꯂꯩꯕꯥꯛꯀꯤ ꯏꯅꯤꯜꯒꯤ ꯃꯈꯥ ꯄꯣꯟꯅ ꯏꯁꯤꯡ ꯄꯤꯒꯅꯤ꯫

ꯅꯥꯄꯤ ꯉꯥꯛꯊꯣꯛꯄ : ꯀꯥꯂꯦꯟꯊꯥꯒꯤꯗꯃꯛ ꯊꯥꯔꯤꯕ ꯚꯦꯂꯟꯗ꯭ꯔꯤꯁꯤꯡꯒꯤꯗꯃꯛ ꯑꯅꯤ
ꯑꯍꯨꯝꯂꯛ ꯅꯥꯄꯤ ꯄꯦꯡꯕ ꯆꯪꯏ꯫ ꯅꯣꯡꯖꯨꯊꯥꯒꯤꯗꯃꯛ ꯊꯥꯔꯤꯕꯁꯤꯡꯒꯤ ꯑꯣꯏꯅꯗꯤ ꯈꯔ
ꯍꯦꯟꯅ ꯇꯣꯏꯅ ꯄꯦꯡꯕ ꯆꯪꯏ꯫ ꯅꯥꯄꯤ ꯍꯤꯗꯥꯛ ꯑꯣꯏꯅ ꯄꯥꯝꯕꯤ ꯊꯥꯗ꯭ꯔꯤꯉꯩ ꯅꯨꯃꯤꯠ ꯃꯔꯤꯅꯤ-

ꯒꯤ ꯃꯃꯥꯡꯗ Fluchloralin ꯒ꯭ꯔꯥꯝ 150-250 ꯅꯠꯇ꯭ꯔꯒ ꯊꯥꯈ꯭ꯔꯕ ꯃꯇꯨꯡ ꯅꯣꯡꯃ ꯂꯩꯔꯒ

Trifluralin ꯒ꯭ꯔꯥꯝ 150-250 ꯅꯠꯇ꯭ꯔꯒ ꯑꯂꯥꯆꯍꯂꯣꯔ ꯒ꯭ꯔꯥꯝ 150-250 ꯐꯥꯎꯕ ꯆꯥꯏ-

ꯊꯣꯛꯍꯧꯒꯅꯤ꯫ ꯑꯗꯨꯃꯛꯄꯨ ꯅꯥꯄꯤ ꯍꯤꯗꯥꯛ ꯆꯥꯏꯈ꯭ꯔꯕꯁꯨ ꯊꯥꯈ꯭ꯔꯕ ꯃꯇꯨꯡ ꯅꯨꯃꯤꯠ 60 ꯂꯩꯔꯒ
ꯈꯨꯠꯅ ꯄꯦꯡꯕ ꯗꯔꯀꯥꯔ ꯑꯣꯏ꯫

ꯍꯦꯛꯄ : ꯃꯄꯥꯜ ꯁꯥꯈ꯭ꯔꯕ ꯃꯇꯨꯡ ꯅꯨꯃꯤꯠ 7 ꯅꯤ ꯅꯠꯇ꯭ꯔꯒ 8 ꯅꯤ ꯁꯨꯕꯒ ꯚꯦꯂꯟꯗ꯭ꯔꯤꯗꯤ
ꯍꯦꯛꯄ ꯌꯥꯏ꯫ ꯇꯣꯏꯅ ꯍꯦꯛꯂꯤꯕꯃꯈꯩ ꯂꯩꯍꯧꯔꯤꯕ ꯄꯤꯛꯂꯤꯕ ꯚꯦꯜꯚꯗ꯭ꯔꯤ ꯆꯥꯎꯕ ꯑꯃꯁꯨꯡ
ꯑꯅꯧꯕ ꯃꯄꯥꯜ ꯁꯥꯕ ꯊꯨꯖꯤꯜꯍꯜꯂꯤ꯫ ꯍꯦꯛꯄ ꯃꯇꯝꯗ ꯚꯦꯂꯟꯗ꯭ꯔꯤꯒꯤ ꯃꯈꯣꯛ ꯑꯗꯨ ꯄꯥꯝ-

ꯕꯤꯗ ꯊꯅꯝꯅꯕ ꯍꯣꯠꯅꯒꯅꯤ꯫ ꯑꯁꯨꯝꯅ ꯍꯦꯛꯄꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯔꯣꯏꯗꯕ ꯂꯩꯔꯒꯗꯤ ꯊꯥ-ꯀꯥꯇꯤ
ꯁꯤꯖꯤꯟꯅꯗꯨꯅ ꯍꯦꯛꯀꯅꯤ꯫ ꯅꯠꯇ꯭ꯔꯕꯗꯤ ꯈꯔ ꯂꯤꯕ ꯚꯦꯂꯟꯗ꯭ꯔꯤ ꯍꯦꯛꯅꯕ ꯍꯣꯠꯅꯕꯗ
ꯄꯥꯝꯕꯤ ꯐꯨꯛꯇꯣꯔꯛꯄ ꯅꯠꯇ꯭ꯔꯒ ꯄꯥꯝꯕꯤ ꯁꯦꯒꯥꯏꯕ ꯌꯥꯎꯏ꯫

ꯄꯣꯠꯊꯣꯛ : ꯀꯥꯂꯦꯟꯒꯤꯗꯃꯛ ꯊꯥꯔꯤꯕ ꯚꯦꯂꯟꯗ꯭ꯔꯤꯗꯤ ꯁꯉꯝ ꯑꯃ ꯆꯥꯎꯕ ꯂꯧꯐꯝꯗ
ꯀ꯭ꯋꯤꯟꯇꯜ 15-16 ꯃꯨꯛꯇꯤ ꯏꯔꯥꯏ ꯂꯥꯏꯅ ꯐꯪꯕ ꯉꯝꯃꯤ꯫ ꯅꯣꯡꯖꯨ ꯊꯥꯗ ꯍꯦꯛꯄ ꯚꯦꯂꯟꯗ-

Cridi ꯁꯉꯝ ꯑꯃ ꯆꯥꯎꯕ ꯃꯐꯝꯗ ꯀ꯭ꯋꯤꯟꯇꯟ 30-35 ꯐꯥꯎꯕ ꯄꯨꯊꯣꯛꯄ ꯉꯝꯃꯤ꯫

ꯚꯦꯂꯟꯗ꯭ꯔꯤꯗꯁꯨ ꯑꯇꯩ ꯄꯥꯝꯕꯤꯒꯨꯝ ꯇꯤꯜ ꯌꯥꯝꯅ ꯇꯥꯏ꯫ ꯃꯈꯜ ꯀꯌꯥꯒꯤ ꯂꯥꯏꯅꯥ ꯇꯥꯏ꯫ ꯍꯦꯛ-

ꯄꯒꯤ ꯃꯇꯝ ꯌꯧꯔꯛꯅꯕ ꯑꯃꯁꯨꯡ ꯍꯦꯛꯂꯕ ꯄꯥꯝꯕꯤ ꯀꯌꯥꯗꯁꯨ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ ꯇꯥꯕꯗꯒꯤ
ꯄꯣꯠꯊꯣꯛ ꯌꯥꯝꯅ ꯍꯟꯊꯍꯜꯂꯤ꯫ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥꯁꯤꯡ ꯑꯁꯤꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕ ꯃꯈꯜ
ꯀꯌꯥꯒꯤ ꯍꯤꯗꯥꯛ ꯀꯥꯞꯅꯩ꯫ ꯅꯣꯡꯃ ꯀꯥꯜꯂꯒ ꯅꯤꯅꯤꯁꯨꯕꯗ ꯚꯦꯂꯟꯗ꯭ꯔꯤꯁꯤꯡ ꯍꯦꯛꯅꯩ꯫ ꯍꯤ-

ꯗꯥꯛꯁꯨ ꯇꯣꯏꯅ ꯀꯥꯞꯄ, ꯇꯣꯏꯅꯁꯨ ꯍꯦꯛꯄ ꯍꯥꯏꯕꯁꯤ ꯆꯤꯟꯖꯥꯛꯇ ꯍꯤꯗꯥꯛ ꯌꯥꯎꯔꯛꯅꯕꯒꯤ
ꯑꯆꯧꯕ ꯃꯔꯝ ꯑꯃꯅꯤ꯫ ꯉꯜꯂꯤꯉꯩꯗ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥꯁꯤꯡ ꯃꯁꯛ ꯈꯪꯗꯣꯛꯇꯨꯅ ꯉꯥꯛꯊꯣꯛꯅꯕ
ꯍꯣꯠꯅꯍꯧꯕꯅ ꯄꯣꯠꯊꯣꯛ ꯍꯦꯟꯒꯠꯍꯟꯕꯗ ꯅꯠꯇꯅ ꯁꯤꯖꯤꯟꯅꯕꯒꯤ ꯆꯥꯡꯁꯨ ꯍꯟꯊꯍꯜꯂꯤ꯫

ꯄꯣꯠꯊꯣꯛ ꯂꯩꯅꯕꯒꯤꯗꯃꯛ ꯃꯇꯝ ꯃꯇꯝꯒꯤ ꯇꯤꯜꯅꯥꯁꯤꯡ ꯃꯁꯛ ꯈꯪꯗꯣꯛꯇꯨꯅ ꯈꯨꯗꯨꯝ
ꯆꯟꯅꯕ ꯍꯣꯠꯅꯒꯅꯤ꯫ ꯚꯦꯂꯟꯗ꯭ꯔꯤꯗ ꯇꯥꯒꯟꯕ ꯂꯥꯏꯅꯥꯁꯤꯡꯗꯤ - (1) ꯄꯤꯛꯂꯤꯉꯩꯗ ꯃꯈꯣꯡ
ꯄꯠꯇꯨꯅ ꯇꯨꯔꯕ ꯃꯇꯨꯡꯗ ꯀꯪꯗꯨꯅ ꯁꯤꯕ (ꯙꯥꯃꯄꯤꯅꯒ off) (2) ꯃꯅꯥꯗ ꯄꯥꯎꯗꯔꯒꯨꯝꯕ ꯃꯀꯨꯞ
ꯃꯀꯨꯞꯁꯤꯡꯅ ꯀꯨꯞꯁꯤꯟꯕ (Powdery ꯃꯤꯂꯗꯦꯋ) (3) ꯄꯥꯝꯕꯤꯅ ꯂꯦꯞꯈꯨꯏ ꯈꯨꯏꯊꯕ
(Fusarium ꯋꯤꯂꯇ) (4) ꯃꯅꯥ ꯀꯥꯊꯦꯛꯄꯤ (Leaf ꯕꯂꯤꯒꯍꯇ) ꯑꯃꯁꯨꯡ (5) ꯚꯥꯏꯔꯁꯅ
ꯊꯣꯛꯍꯟꯕ ꯃꯅꯥꯒꯤ ꯃꯁꯤꯡꯁꯤꯡꯅ ꯅꯄꯨ ꯃꯆꯨ ꯆꯪꯂꯛꯄ (ꯌꯦꯂꯂꯣꯋ vein mossaic

ꯚꯤꯔꯨꯁ)꯫

ꯃꯔꯨ ꯑꯣꯏꯕ ꯇꯤꯜꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯙ (1) ꯚꯦꯂꯟꯗ꯭ꯔꯤ ꯑꯃꯁꯨꯡ ꯃꯌꯣꯟ ꯍꯨꯠꯄ ꯇꯤꯜ
(ꯈꯄꯣꯇꯇꯦꯗ ꯕꯣꯂꯂꯋꯣꯔꯃ) (2) ꯃꯅꯥꯒꯤ ꯃꯍꯤ ꯆꯨꯞꯊꯣꯛꯄ (ꯓꯥꯁꯁꯤꯗꯁ) (3)
ꯑꯊꯣꯠꯄ ꯃꯐꯝꯁꯤꯡꯗꯒꯤ ꯃꯍꯤ ꯆꯨꯊꯊꯣꯛꯄꯤ (ꯈꯄꯤꯗꯦꯔ ꯃꯤꯇꯦ) ꯑꯃꯁꯨꯡ (4) ꯚꯥꯔꯁꯅ
ꯊꯣꯛꯍꯟꯕ ꯂꯥꯏꯅꯥꯁꯤꯡꯕꯨ ꯁꯟꯗꯣꯛꯂꯤꯕ White ꯐꯂꯌ ꯅꯆꯤꯡꯕ ꯃꯃꯤꯡ ꯄꯟꯕ ꯌꯥꯏ꯫

ꯃꯈꯣꯡ ꯄꯠꯄꯄꯤ ꯂꯥꯏꯅꯥ (ꯙꯥꯃꯄꯤꯅꯒ off) :

ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯄꯤꯊꯤꯌ, ꯔꯥꯏꯖꯣꯛꯇꯣꯅꯤꯌꯥ ꯑꯃꯁꯨꯡ ꯐꯨꯖꯦꯔꯤꯌꯝ ꯍꯥꯏꯅ ꯈꯪꯅꯕ ꯀꯣꯛ-

ꯐꯥꯏꯁꯤꯡꯅ ꯊꯣꯛꯍꯜꯂꯤ꯫ ꯆꯥꯔꯥꯁꯤꯡꯅ ꯃꯔꯨ ꯄꯣꯛꯈꯥꯏꯔꯛꯄꯗ ꯉꯥꯏꯔꯤꯉꯩꯗ ꯃꯔꯥ ꯑꯣꯏꯅ
ꯊꯤꯟꯗꯣꯔꯛꯂꯤꯕ ꯁꯔꯨꯛ ꯑꯃꯁꯨꯡ ꯃꯌꯣꯜꯅ ꯂꯩꯕꯥꯛꯇꯒꯤ ꯊꯤꯟꯒꯠꯂꯛꯄꯗ ꯉꯥꯏꯔꯤꯉꯩꯗ
ꯃꯈꯣꯡꯙ ꯃꯨꯁꯤꯜꯂꯛꯄ ꯑꯃꯁꯨꯡ ꯆꯦꯡꯁꯤꯜꯂꯛꯄꯗꯒꯤ ꯄꯥꯛꯇꯛꯅꯅ ꯁꯤꯕ ꯑꯩꯈꯣꯏꯅ
ꯌꯥꯝꯅ ꯇꯣꯏꯅ ꯊꯦꯡꯅꯩ꯫

ꯀꯟꯅꯕ ꯄꯥꯝꯕꯩ : ꯃꯔꯨ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ ꯑꯃꯗ Captan ꯅꯠꯇ꯭ꯔꯒ Thiram ꯒ꯭ꯔꯥꯝ ꯑꯍꯨꯝ
ꯇꯣꯠꯂꯒ ꯊꯥꯍꯧꯕ ꯐꯩ꯫ ꯂꯤꯡꯊꯣꯛꯅꯤꯡꯕ ꯑꯣꯏꯔꯒꯅ ꯆꯥꯔꯥ ꯍꯨꯟꯐꯝꯗ ꯃꯔꯨ ꯍꯨꯜꯂꯕ ꯃꯇꯨꯡ

Captan (50%) ꯅꯠꯇ꯭ꯔꯒ Coper oxychloride 50% ꯒ꯭ꯔꯥꯝ ꯑꯅꯤ ꯏꯁꯤꯡ ꯂꯤꯇꯔ
ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯒ ꯄꯦꯔꯦ ꯁꯤꯖꯤꯟꯅꯔꯒ ꯆꯥꯏꯊꯣꯛꯄꯁꯨ ꯌꯥꯏ꯫ ꯅꯠꯇ꯭ꯔꯒ Taqat ꯒ꯭ꯔꯥꯝ
25 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15 ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯒ ꯃꯈꯣꯡ ꯆꯣꯠꯅꯕ ꯀꯥꯞꯊꯣꯛꯀꯅꯤ꯫

ꯄꯥꯎꯗꯔꯤ ꯃꯤꯜꯗꯤꯎ (Powdery Mildew) :

ꯃꯅꯥ ꯑꯃꯁꯨꯡ ꯃꯎꯁꯤꯡ ꯑꯄꯤꯛꯄ ꯑꯉꯧꯕ ꯅꯠꯇ꯭ꯔꯒ ꯉꯧꯔꯨꯅꯕ ꯗꯥꯒꯁꯤꯡ ꯂꯩꯔꯝꯕꯗ-

ꯒꯤ ꯑꯁꯨꯝ ꯑꯁꯨꯝ ꯆꯥꯎꯊꯣꯔꯛꯏ꯫ ꯂꯣꯏꯅꯅ ꯄꯥꯎꯗꯔꯒꯨꯝꯕ ꯑꯀꯨꯞꯄ, ꯑꯉꯧꯕ ꯑꯃꯁꯨꯡ
ꯉꯧꯔꯨꯅꯕ ꯃꯀꯨꯞꯁꯤꯡ ꯃꯆꯤ-ꯃꯆꯤꯗ ꯂꯩꯔꯝꯕꯗꯒꯤ ꯃꯅꯥ ꯑꯃꯁꯨꯡ ꯃꯎ ꯄꯨꯝꯕ ꯀꯨꯞꯁꯤꯟ-

ꯈꯤꯕ ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯃꯄꯨꯡ ꯐꯥꯗ꯭ꯔꯤꯕ ꯃꯅꯥꯁꯤꯡꯅ ꯀꯦꯜꯂꯤ ꯑꯃꯁꯨꯡ ꯃꯍꯩꯁꯤꯡꯗꯨ ꯆꯥꯎꯗꯝ
ꯊꯤꯜꯂꯤ꯫ ꯅꯨꯡꯁꯤꯠꯇ ꯏꯁꯤꯡ ꯃꯅꯤꯜꯒꯤ ꯆꯥꯡ ꯋꯥꯡꯂꯕꯗꯤ ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯁꯥꯊꯤꯕꯒꯤ ꯆꯥꯡ
ꯍꯦꯟꯒꯠꯂꯛꯏ꯫

ꯀꯟꯅꯕ ꯄꯥꯝꯕꯩ : Myclobutanil 10% WP ꯒ꯭ꯔꯥꯝ 6 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15 ꯈꯨꯗꯤꯡꯗ
ꯌꯥꯜꯂꯒ ꯃꯅꯥꯁꯤꯡ ꯆꯣꯠꯅꯕ ꯀꯥꯞꯊꯣꯛꯀꯅꯤ꯫ ꯅꯠꯇ꯭ꯔꯒ Sulphur 80% ꯒ꯭ꯔꯥꯝ 25
ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯒ ꯀꯥꯞꯊꯣꯛꯀꯅꯤ꯫ ꯃꯁꯤ ꯅꯠꯇ꯭ꯔꯁꯨ Karathane (ꯙꯤꯅꯣꯆꯥꯄ) ꯃꯤꯂꯤꯂꯤ-

ꯇꯔ 7 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15 ꯈꯨꯗꯤꯡꯗ ꯌꯥꯟꯁꯤꯜꯂꯒ ꯀꯥꯞꯊꯣꯛꯄ ꯌꯥꯏ꯫

ꯄꯥꯝꯕꯤ ꯂꯦꯞꯈꯨꯏ ꯈꯨꯏꯊꯕꯤ (Fusarium ꯋꯤꯂꯇ) :

ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯄꯛꯂꯕ ꯄꯥꯝꯕꯤꯁꯤꯡꯅ ꯃꯅꯥꯗ ꯂꯩꯔꯤꯕ ꯃꯁꯤꯡꯁꯤꯡ ꯑꯗꯨ ꯅꯥꯄꯨ ꯁꯥꯔꯛꯄꯒ
ꯂꯣꯏꯅꯅ ꯈꯨꯏꯊꯔꯛꯏ꯫ ꯂꯥꯏꯅꯥꯁꯤꯅ ꯅꯥꯔꯕ ꯄꯥꯝꯕꯤꯁꯤꯡꯅ ꯈꯨꯏꯗ꯭ꯔꯤꯉꯩꯗꯁꯨ ꯆꯥꯎꯕ ꯊꯤꯟꯅ
ꯎꯏ꯫ ꯈꯨꯏꯊꯔꯕ ꯄꯥꯝꯕꯤꯗꯨ ꯐꯩꯅ ꯀꯛꯊꯠꯇꯨꯅ ꯌꯦꯡꯕꯗ ꯃꯅꯤꯟꯖꯥꯛ ꯑꯃꯁꯨꯡ ꯏꯁꯤꯡ
ꯄꯨꯊꯣꯛ-ꯄꯨꯁꯤꯟ ꯇꯧꯔꯤꯕ ꯃꯐꯝꯁꯤꯡꯗꯨ ꯃꯨꯅ ꯃꯨꯅ ꯂꯩꯕ ꯊꯦꯡꯅꯒꯅꯤ꯫

ꯀꯟꯅꯕ ꯄꯥꯝꯕꯩ : ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯅꯥꯔꯛꯇꯅꯕꯒꯤꯗꯃꯛ ꯚꯦꯂꯟꯗ꯭ꯔꯤ ꯃꯔꯨꯗ ꯍꯤꯗꯥꯛ ꯇꯣ-

ThOb ꯐꯩ, (ꯃꯊꯛꯇ ꯄꯟꯖꯈ꯭ꯔꯦ) ꯃꯁꯤ ꯅꯠꯇ꯭ꯔꯒꯁꯨ Trichoderma ꯆꯨꯂꯇꯨꯔꯦ ꯒ꯭ꯔꯥꯝ
10 ꯃꯔꯨ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ ꯑꯃꯗ ꯇꯣꯠꯍꯧꯕ ꯌꯥꯏ꯫ ꯊꯥꯗ꯭ꯔꯤꯉꯩꯗ ꯂꯩꯆꯪ ꯂꯩꯅ ꯈꯣꯏꯗꯣꯛꯇꯨꯅ ꯅꯨꯡꯁꯥ
ꯌꯩꯍꯟꯕꯁꯨ ꯀꯥꯟꯅꯒꯅꯤ꯫

ꯃꯔꯨꯑꯣꯏꯕ ꯇꯤꯜꯅ ꯂꯥꯛꯁꯤꯟꯕ :

ꯚꯦꯂꯟꯗ꯭ꯔꯤ ꯑꯃꯁꯨꯡ ꯆꯌꯣꯜ ꯍꯨꯠꯄꯤ ꯇꯤꯜ ꯂꯥꯛꯁꯤꯟꯅꯕꯒꯤꯗꯃꯛ Coragen ꯃꯤꯂꯤꯂꯤꯇꯔ
ꯑꯍꯨꯝ ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15 ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯒ ꯀꯥꯞꯊꯣꯛꯀꯅꯤ꯫

ꯃꯅꯥꯒꯤ ꯃꯍꯤ ꯆꯨꯞꯊꯣꯛꯄꯤ (ꯓꯥꯁꯁꯤꯗ) ꯑꯃꯁꯨꯡ ꯑꯊꯣꯠꯄ ꯃꯐꯝꯁꯤꯡꯗꯒꯤ ꯃꯍꯤ
ꯆꯨꯞꯊꯣꯛꯄꯤ (ꯈꯄꯤꯗꯦꯔ ꯃꯤꯇꯦ) ꯀꯤ ꯗꯃꯛ Pegasus ꯒ꯭ꯔꯥꯝ 12.5 ꯏꯁꯤꯡ ꯂꯤꯇꯔ
15 ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯕ ꯀꯥꯞꯊꯣꯛꯀꯅꯤ꯫ ꯃꯈꯥ ꯊꯪꯕ ꯃꯅꯥꯒꯤ ꯁꯔꯨꯛꯁꯤꯡꯁꯨ ꯆꯣꯠꯍꯟꯒꯅꯤ꯫

ꯚꯥꯏꯔꯁꯅ ꯊꯣꯛꯍꯟꯕ ꯂꯥꯏꯅꯥꯁꯤꯡ ꯁꯟꯗꯣꯛꯂꯤꯕ White ꯐꯂꯌ ꯂꯥꯛꯁꯤꯟꯅꯕꯒꯤꯗꯃꯛ

Cyantraniliprole ꯃꯤꯂꯤꯂꯤꯇꯔ 5 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15 ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯒ ꯀꯥꯞꯊꯣꯛ-

ꯀꯅꯤ꯫