ꯂꯧꯎꯁꯤꯡꯎꯒꯤ ꯀꯥꯈꯜ IMPHAL, MONDAY, NOVEMBER 20, 2017 ꯅꯤꯡꯊꯧꯀꯥꯕ, ꯄꯣꯏꯅꯨꯒꯤ ꯅꯤꯅꯤ ꯄꯥꯟꯕ, ꯃꯥꯂꯤꯌꯥ ꯀꯨꯝꯁꯤꯡ 3415 ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ
2 HUEIYEN LANPAO

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ

...ꯑꯦꯗꯤꯇꯔꯗ ꯊꯥꯔꯛꯄ ꯆꯤꯊꯤ...

ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯤꯕ ꯑꯦꯗꯤꯇꯔ,
ꯃꯅꯤꯄꯨꯔ ꯂꯩꯉꯥꯛꯀꯤ ꯗꯤꯔꯦꯛꯇꯣꯔꯦꯠ
ꯑꯐ ꯏꯟꯐꯣꯔꯃꯦꯁꯟ ꯑꯦꯟꯗ
ꯄꯕ꯭ꯂꯤꯛ ꯔꯤꯂꯦꯁꯟꯅ ꯂꯥꯡꯕ ꯁ꯭ꯇꯦꯠ
ꯖꯔꯅꯦꯂꯤꯁꯠꯁꯤꯡꯒꯤ ꯑꯦꯋꯥꯔꯗ
ꯑꯁꯤꯒꯤ ꯍꯤꯔꯝ ꯈꯔꯗ ꯊꯣꯏꯗꯣꯛꯄ
ꯃꯁꯛ ꯅꯥꯏꯕ ꯈꯜꯂꯛꯄꯗ ꯍꯨꯏꯌꯦꯟ
ꯂꯥꯟꯄꯥꯎ ꯄꯥꯎꯆꯦꯒꯤ ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯕ
ꯑꯦꯗꯤꯇꯔ ꯍꯦꯃꯟꯇꯀꯨꯃꯥꯔꯅ ꯀꯨꯝꯁꯤ
ꯆꯍꯤꯒꯤ ꯅꯦꯁꯅꯦꯜ ꯏꯟꯇꯤꯒ꯭ꯔꯦꯁꯟ
ꯑꯦꯟꯗ ꯀꯃ꯭ꯌꯨꯅꯦꯜ ꯍꯥꯔꯃꯣꯅꯤꯒ ꯃꯔꯤ
ꯂꯩꯅꯅ ꯏꯈꯤꯕꯒꯤꯗꯃꯛ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯐꯕ
ꯃꯅꯥ ꯩꯁꯤ ꯐꯪꯂꯛꯄ ꯑꯁꯤ ꯊꯣꯏꯗꯣꯛꯅ
ꯊꯥꯒꯠꯅꯤꯡꯉꯥꯏꯅꯤ꯫ ꯃꯔꯝꯗꯤ ꯍꯧꯖꯤꯛꯀꯤ
ꯃꯅꯤꯄꯨꯔꯒꯤ ꯁꯤꯆꯨꯌꯦꯁꯟ ꯑꯁꯤꯗ SD_

ꯥꯏꯗꯒꯤ ꯃꯔꯨꯑꯣꯏꯕ ꯊꯤꯝ ꯑꯃ ꯑꯣꯏꯔꯤꯕ
ꯇꯣꯄꯤꯛ ꯑꯃꯅꯤꯅ ꯃꯁꯤꯅ ꯃꯅꯤꯄꯨꯔꯗꯇ
ꯅꯠꯇꯅ ꯅꯦꯁꯅꯦꯜ ꯏꯟꯇꯤꯒ꯭ꯔꯦꯁꯟ ꯑꯦꯟꯗ
ꯀꯝꯃ꯭ꯌꯨꯅꯦꯜ ꯍꯥꯔꯃꯣꯅꯤ ꯍꯥꯏꯕꯁꯤ ꯏꯟꯗꯤꯌꯥ
ꯄꯨꯝꯕꯒꯤ ꯑꯣꯏꯅꯁꯨ ꯊꯣꯏꯗꯣꯛꯄ ꯀꯥꯟꯅꯈ꯭ꯔꯕ
ꯃꯊꯧ ꯑꯃ ꯑꯣꯏꯕꯅ ꯃꯅꯥ ꯑꯁꯤ ꯃꯉꯥꯜ ꯅꯥꯏꯕ
ꯊꯣꯏꯗꯣꯛꯄ ꯑꯃꯅꯤ꯫

ꯑꯃꯔꯣꯝꯗ ꯑꯥꯔꯠ ꯑꯦꯟꯗ ꯀꯂꯆꯔꯒꯤ
ꯂꯃꯗ ꯊꯣꯏꯗꯣꯛ ꯍꯦꯟꯗꯣꯛꯄ ꯏ-ꯄꯥꯎ
ꯏꯕꯤꯈꯤꯕꯒꯤꯗꯃꯛ ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ
ꯄꯥꯎꯆꯦꯒꯤ ꯄꯥꯎꯃꯤ ꯑꯁꯦꯝ ꯕꯦꯕꯤꯆꯥꯕꯨꯁꯨ
ꯊꯣꯏꯗꯣꯛꯅ ꯊꯥꯒꯠꯆꯅꯤꯡꯏ ꯊꯥꯒꯠꯆꯅꯤꯡꯏ꯫

ꯃꯍꯥꯛꯀꯨꯝꯕꯤ ꯅꯨꯄꯤ ꯑꯃ ꯑꯣꯏꯅ ꯃꯁꯥꯒꯤ
ꯃꯊꯧꯗ ꯁꯤꯡꯅꯕ ꯑꯃꯒ ꯂꯣꯏꯅꯅ ꯑꯥꯔꯠ
ꯑꯦꯟꯗ ꯀꯜꯆꯔꯒꯤ ꯊꯧꯔꯝ ꯀꯌꯥꯗ WAWA

ꯆꯪꯐꯝ ꯐꯥꯎꯕ ꯂꯩꯇꯕ ꯊꯧꯔꯝ ꯀꯌꯥꯗ ꯎꯄꯥꯏ
ꯑꯃ ꯅꯠꯇ꯭ꯔꯒ ꯑꯃ ꯇꯧꯗꯨꯅ ꯃꯥꯒꯤ ꯃꯊꯧ
ꯑꯗꯨꯗ ꯃꯄꯨꯡ ꯐꯥꯍꯟꯗꯕ ꯌꯥꯗꯦ ꯃꯇꯧꯒꯨꯝ ꯑꯋꯥ
ꯑꯅꯥ ꯀꯌꯥ ꯈꯥꯡꯂꯕꯁꯨ ꯃꯊꯧꯅꯥ ꯂꯩꯅ ꯃꯊꯧ ꯇꯧꯈꯤꯕ
ꯅꯨꯄꯤ ꯄꯥꯎꯃꯤ ꯑꯃꯅꯤ꯫ ꯃꯍꯥꯛꯀꯨꯝꯕꯤ ꯃꯊꯧꯕꯨ
ꯑꯗꯨꯛꯀꯤ ꯃꯇꯤꯛ ꯆꯦꯛꯁꯤꯟꯅ ꯀꯜꯆꯔꯒꯤ
ꯂꯃꯗ ꯔꯤꯄꯣꯔꯠ ꯃꯌꯦꯛ ꯁꯦꯡꯅ ꯂꯧꯅꯅꯕ
ꯍꯣꯠꯅꯕꯗ ꯑꯋꯥꯕ ꯅꯨꯡꯉꯥꯏꯕ ꯀꯌꯥ ꯃꯥꯌꯣꯛꯅꯗꯨꯅ
ꯃꯁꯥꯒꯤ ꯃꯊꯧ ꯃꯄꯨꯡ ꯐꯥꯅ ꯄꯥꯡꯊꯣꯛꯇꯕ \

ꯥꯗꯦ ꯍꯥꯏꯗꯨꯅ ꯁꯤꯈꯥꯡ ꯈꯥꯡꯅ ꯃꯊꯧ ꯇꯧꯕꯤ ꯅꯨꯄꯤ
ꯄꯥꯎꯃꯤꯅꯤ꯫

ꯑꯔꯣꯏꯕꯗ ꯊꯝꯖꯅꯤꯡꯂꯤꯕ _

ꯥꯐꯝꯗꯤ ꯅꯦꯁꯅꯦꯜ ꯏꯟꯇꯤꯒ꯭ꯔꯦꯁꯟ
ꯑꯦꯟꯗ ꯀꯝꯃ꯭ꯌꯨꯅꯦꯜ ꯍꯥꯔꯃꯣꯅꯤꯗ ꯃꯅꯥ
ꯐꯪꯈ꯭ꯔꯕ ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯤꯕ ꯑꯦꯗꯤꯇꯔ
ꯍꯦꯃꯟꯇꯀꯨꯃꯥꯔ ꯅꯤꯡꯉꯪꯝꯕꯃ ꯑꯃꯗꯤ ꯑꯥꯔꯠ
ꯑꯦꯟꯗ ꯀꯜꯆꯔꯒꯤ ꯂꯝꯗ ꯃꯅꯥ ꯐꯪꯈ꯭ꯔꯕꯤ
ꯅꯨꯄꯤ ꯄꯥꯎꯃꯤ ꯑꯁꯦꯝ ꯕꯦꯕꯤꯆꯥꯕꯨ ꯍꯟꯅ ꯍꯟꯅ
ꯊꯥꯒꯠꯄ ꯐꯣꯡꯗꯣꯛꯆꯔꯤ꯫ ꯂꯣꯏꯅꯅ ꯃꯇꯨꯡꯗꯁꯨ
ꯍꯦꯟꯅ ꯊꯧꯅꯥ ꯂꯩꯅ ꯑꯃꯗꯤ ꯊꯋꯥꯏ ꯌꯥꯎꯅ
ꯍꯣꯠꯅꯕꯤꯔꯛꯈꯤꯒꯅꯤ ꯍꯥꯏꯕꯒꯤ ꯑꯆꯦꯠꯄ
ꯊꯥꯖꯕꯁꯨ ꯊꯝꯖꯔꯤ꯫

ꯑꯗꯣꯝꯒꯤ-ꯐꯨꯔꯥꯏꯂꯥꯠꯄꯝ ꯔꯦꯕꯇꯤ
ꯁꯔꯃ
ꯍꯟꯗꯛꯀꯤ ꯖꯔꯅꯦꯂꯤꯁꯠꯀꯤ ꯃꯅꯥ
ꯇꯤꯜꯍꯧꯗ ꯕꯦꯛꯇꯔꯤꯌꯥ, ꯚꯥꯏꯔꯁ ꯑꯃꯁꯨꯡ ꯇꯤꯜꯅꯥ
ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤꯗ ꯃꯈꯜ ꯃꯈꯥ ꯀꯌꯥꯒꯤ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥꯁꯤꯡ
ꯇꯥꯔꯤꯕꯁꯤ ꯀꯣꯛꯐꯥꯏꯅ ꯊꯣꯛꯍꯟꯕ ꯂꯥꯏꯅꯥꯅ ꯑꯌꯥꯝꯕꯅꯤ ꯑꯗꯨꯕꯨ
ꯕꯦꯛꯇꯔꯤꯌꯥ ꯑꯃꯁꯨꯡ ꯚꯥꯏꯔꯁꯅ ꯊꯣꯛꯍꯟꯕ ꯂꯥꯏꯅꯥ ꯀꯌꯥꯁꯨ
ꯊꯦꯡꯅꯔꯤ꯫ ꯕꯦꯛꯇꯔꯤꯌꯥꯅ ꯊꯣꯛꯍꯟꯕ ꯂꯥꯏꯅꯥꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ
ꯁ꯭ꯇꯣꯛ ꯔꯣꯠ ꯑꯃꯁꯨꯡ KOW ꯔꯣꯠ ꯍꯥꯏꯕ ꯂꯥꯏꯅꯥ ꯃꯈꯜ ꯑꯅꯤꯁꯤ
ꯂꯝꯗꯝꯁꯤꯗ ꯇꯣꯏꯅ ꯊꯦꯡꯅꯔꯤ꯫ ꯚꯥꯏꯔꯁꯅ ꯊꯣꯛꯍꯟꯕ
ꯂꯥꯏꯅꯥꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯌꯦꯜꯂꯣ ꯗ꯭ꯋꯥꯐ ꯃꯃꯤꯡ ꯄꯟꯕ ꯌꯥꯏ꯫

ꯇꯤꯜꯅꯥꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯃꯔꯤ-ꯃꯔꯤ ꯆꯠꯄꯤ (ꯂꯤꯐ ꯃꯥꯏꯅꯔ)
ꯇꯤꯜꯀꯨꯞ (ꯊ꯭ꯔꯤꯞꯁ) ꯇꯤꯜꯍꯧ ꯍꯟ ꯑꯃꯁꯨꯡ ꯃꯈꯣꯡ ꯀꯛꯄꯤ
ꯃꯃꯤꯡ ꯄꯟꯕ ꯌꯥꯏ꯫

ꯁ꯭ꯇꯣꯛ ꯔꯣꯠ:

ꯕꯦꯛꯇꯔꯤꯌꯥꯅ ꯊꯣꯛꯍꯟꯕ ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ
ꯇꯤꯜꯍꯧꯒꯤ ꯃꯄꯥꯜ ꯌꯥꯎꯕ ꯃꯈꯣꯛꯀꯤ ꯃꯈꯥ TFI ꯊꯪꯕ ꯁꯔꯨꯛꯁꯤꯡꯗꯒꯤ
ꯄꯠꯄ ꯍꯧꯔꯛꯏ꯫ ꯃꯁꯤꯅ ꯃꯔꯝ ꯑꯣꯏꯔꯒ ꯃꯄꯥꯜꯁꯤꯡꯅ ꯃꯔꯨ
ꯆꯪꯗ꯭ꯔꯤꯉꯩꯗ ꯄꯠꯂꯛꯏ, ꯃꯔꯨ ꯆꯪꯕ ꯉꯝꯍꯟꯗꯦ꯫ ꯃꯁꯤꯗ ꯅꯠꯇꯅ
ꯃꯔꯨ ꯂꯧꯅꯕ ꯊꯥꯕ ꯅꯠꯇ꯭ꯔꯒꯁꯨ ꯂꯥꯏꯅꯥ ꯆꯦꯜꯂꯕ ꯇꯤꯜꯍꯧꯁꯤꯡ ꯈꯥꯎꯔꯕ
ꯃꯇꯨꯡꯗ ꯄꯠ-ꯄꯨꯝꯕ ꯇꯣꯏꯅ ꯊꯦꯡꯅꯩ꯫ ꯕꯦꯛꯇꯔꯤꯌꯥ ꯑꯁꯤꯅ ꯇꯤꯜꯍꯧ
ꯃꯔꯨꯒꯤ ꯃꯄꯥꯟ ꯊꯪꯕ ꯁꯔꯨꯛꯁꯤꯡꯗ ꯂꯩꯔꯝꯕꯗꯒꯤ ꯃꯅꯨꯡ ꯆꯪꯁꯤꯟꯈꯤ,
ꯄꯠꯂꯛꯏ꯫ ꯈꯥꯎꯕꯗ ꯈꯨꯠꯂꯥꯏꯅ ꯁꯣꯛꯈꯤꯕ ꯃꯐꯝꯁꯤꯡꯗ ꯂꯥꯏꯅꯥ ꯆꯪꯈꯤꯕ
ꯂꯥꯏꯍꯜꯂꯤ꯫ ꯄꯠꯂꯕ ꯇꯤꯜꯍꯧꯁꯤꯡ ꯅꯝꯊꯤꯕ ꯃꯅꯝ ꯅꯝꯃꯤ꯫ ꯇꯤꯜꯍꯧ
ꯑꯃꯗꯒꯤ ꯑꯃꯗ ꯂꯥꯟꯁꯤꯟꯗꯨꯅ ꯂꯤꯗꯨꯅ ꯊꯝꯕꯗ ꯑꯀꯥꯏꯕ ꯄꯤ꯫

ꯄꯣꯐ ꯔꯣꯠ:

ꯂꯥꯏꯅꯥ ꯑꯁꯤꯕꯨ ꯕꯦꯛꯇꯔꯤꯌꯥꯅ ꯊꯣꯛꯍꯟꯕꯅꯤ꯫ ꯑꯗꯨꯃꯛꯄꯨ
ꯂꯥꯏꯅꯥꯒꯤ ꯂꯥꯏꯑꯣꯡ BGWA ꯈꯦꯟꯅꯩ꯫ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ ꯁꯣꯛꯂꯕ
ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤꯁꯤꯡꯒꯤ ꯃꯉꯛ ꯄꯠꯄ ꯍꯧꯔꯛꯏ꯫ ꯄꯥꯝꯕꯤꯅ
ꯃꯄꯨꯡ ꯐꯥꯗ꯭ꯔꯤꯉꯩꯗ ꯂꯥꯏꯅꯥꯁꯤ ꯃꯊꯪ ꯃꯊꯪ ꯐꯥꯜꯖꯤꯟꯈꯤꯗꯨꯅ ꯇꯤꯜꯍꯧ
ꯃꯔꯨꯒꯤ ꯃꯅꯨꯡ ꯌꯧꯁꯤꯟꯈꯤ꯫ ꯆꯣꯠ ꯆꯣꯠ ꯂꯥꯎꯅ ꯄꯠꯂꯛꯏ꯫

ꯃꯉꯛꯇ ꯃꯦꯠꯇꯨꯅ ꯌꯦꯡꯕꯗ ꯅꯝꯊꯤꯕ ꯃꯅꯝ ꯌꯥꯎꯕ ꯀꯣꯡꯒꯣꯜ
ꯑꯃꯁꯨꯡ ꯉꯧꯔꯨꯅꯕ ꯃꯍꯤ ꯊꯣꯔꯛꯏ꯫ ꯅꯝꯊꯤꯕ ꯃꯅꯝ ꯅꯝꯃꯤ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ:

1) ꯕꯦꯛꯇꯔꯤꯌꯥꯅ ꯅꯥꯔꯕ (ꯂꯥꯏꯅꯥ ꯃꯈꯜ ꯑꯅꯤꯃꯛ)

wkAqgKgir Carbendazim 50% WP xDjkA 100
ꯒ Streptocyclene ꯒ꯭ꯔꯥꯝ ꯇꯔꯨꯛ ꯏꯁꯤꯡ ꯂꯤꯇꯔ 50
ꯗ ꯇꯨꯝꯍꯟꯕꯤꯔꯒ ꯀꯥꯞꯊꯣꯛꯄꯗ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯕꯨ ꯃꯈꯥ ꯇꯥꯅ
ꯁꯟꯗꯣꯛꯍꯟꯗꯦ꯫

2) ꯃꯅꯥ ꯁꯪꯂꯤꯉꯩ ꯃꯉꯛ ꯆꯦꯠꯇ꯭ꯔꯤꯉꯩꯗ ꯃꯅꯥ ꯀꯛꯂꯒ ꯂꯤꯕ
ꯍꯥꯏꯕꯁꯤ ꯂꯥꯏꯅꯥ ꯇꯥꯅꯕꯒꯤ ꯃꯔꯝ ꯑꯃꯅꯤ꯫

3) ꯃꯉꯛ ꯆꯦꯠꯂꯕ ꯇꯤꯜꯍꯧ ꯃꯔꯨꯗꯃꯛ ꯂꯤꯒꯅꯤ꯫

4) ꯂꯤꯡꯂꯝꯗꯥꯏꯗ ꯆꯥꯔꯥꯁꯤꯡꯒꯤ ꯃꯔꯥ ꯑꯃꯁꯨꯡ ꯃꯀꯣꯛ

Streptocyclene r fgioyxeg! Streptocyclene

ꯒ꯭ꯔꯥꯝ 6 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 50 ꯗ ꯇꯨꯝꯍꯟꯕꯤꯔꯒ ꯆꯥꯔꯥꯁꯤꯡꯒꯤ
ꯃꯈꯣꯡ ꯆꯣꯠꯅ ꯄꯨꯡ ꯑꯅꯤ ꯇꯤꯡꯍꯧꯕ ꯐꯩ꯫

ꯌꯦꯜꯂꯣ ꯗ꯭ꯋꯥꯐ:

ꯚꯥꯏꯔꯁꯅ ꯊꯣꯛꯍꯟꯕ ꯂꯥꯏꯅꯥ ꯑꯁꯤꯅ ꯅꯥꯔꯕ ꯇꯤꯜꯍꯧ
ꯄꯥꯝꯕꯤꯁꯤꯡꯒꯤ ꯃꯅꯥ ꯅꯥꯄꯨ ꯆꯪꯏ꯫ ꯅꯦꯝꯁꯤꯟꯅ, ꯁꯨꯡꯖꯤꯟꯅ ꯂꯩ꯫

ꯃꯅꯥꯁꯤꯡ ꯄꯥꯛꯊꯣꯛꯄ ꯂꯤꯡ-ꯂꯤꯡ ꯂꯥꯎꯕ ꯌꯥꯎꯏ, ꯄꯥꯏꯕꯗ
ꯆꯒꯟꯅꯩ, ꯇꯦꯛꯀꯜꯂꯤ꯫ ꯃꯔꯨꯑꯣꯏꯅ ꯂꯥꯏꯅꯥ ꯑꯁꯤ ꯇꯤꯜꯀꯨꯞꯁꯤꯡꯅ
ꯁꯟꯇꯣꯛꯏ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ:

1) ꯑꯐꯕ ꯃꯔꯨ ꯁꯤꯖꯤꯟꯅꯒꯅꯤ 2) ꯃꯁꯥ ꯐꯔꯤꯕ ꯄꯥꯝꯕꯤꯁꯤꯡꯒꯤ
ꯃꯔꯛꯇ ꯌꯥꯎꯔꯛꯄ ꯂꯥꯏꯅꯥ ꯆꯦꯜꯂꯕ ꯄꯥꯝꯕꯤꯁꯤꯡ ꯃꯇꯝ ꯃꯇꯝꯒꯤ
ꯑꯣꯏꯅ ꯂꯧꯊꯣꯛꯀꯅꯤ 3) ꯂꯥꯏꯅꯥ ꯑꯁꯤꯕꯨ ꯑꯅꯥꯕ ꯄꯥꯝꯕꯤ ꯑꯃꯗꯒꯤ
ꯅꯥꯗꯕ ꯄꯥꯝꯕꯤ ꯑꯃꯗ ꯁꯟꯗꯣꯛꯂꯤꯕ ꯇꯤꯜꯀꯨꯞꯁꯤꯡ ꯍꯥꯠꯅꯕ

Dichlorovos 76% ꯃꯤꯂꯤꯂꯤꯇꯔ 5 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 10
ꯈꯨꯗꯤꯡꯗ ꯌꯥꯟꯕꯤꯔꯒ ꯄꯥꯞꯊꯣꯛꯀꯅꯤ꯫

ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤꯗ ꯇꯥꯔꯤꯕ ꯇꯤꯜꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯂꯤꯐ ꯃꯥꯏꯅꯔ,
ꯊ꯭ꯔꯤꯞꯁ, ꯇꯤꯜꯍꯧ ꯍꯟ ꯑꯃꯁꯨꯡ ꯃꯈꯣꯛ ꯀꯛꯄꯤ ꯄꯟꯕ ꯌꯥꯏ꯫

ꯂꯤꯐ ꯃꯥꯏꯅꯔ: ꯇꯤꯜꯍꯧ ꯃꯅꯥꯒꯤ ꯃꯅꯨꯡ ꯍꯨꯠꯇꯨꯅ ꯆꯪꯈ꯭ꯔꯒ
ꯃꯅꯥꯁꯤꯡꯕꯨ ꯑꯉꯧꯕ ꯅꯥꯄꯨ ꯃꯆꯨꯒꯤ ꯃꯔꯤ-ꯃꯔꯤ ꯆꯠꯄꯤ ꯗꯥꯒꯁꯤꯡ
ꯂꯩꯍꯜꯂꯤ꯫ ꯃꯁꯤꯅ ꯃꯔꯝ ꯑꯣꯏꯔꯒ ꯇꯤꯜꯍꯧꯗ ꯀꯣꯛꯐꯥꯏ ꯑꯃꯁꯨꯡ
ꯕꯦꯛꯇꯔꯤꯌꯥꯒꯤ ꯂꯥꯏꯅꯥ ꯀꯌꯥꯕꯨꯁꯨ ꯁꯟꯗꯣꯛꯄꯗ ꯃꯇꯦꯡ ꯄꯥꯡꯏ꯫

ꯃꯁꯤꯗ ꯅꯠꯇꯅ ꯇꯤꯜꯍꯧ ꯃꯔꯨ ꯆꯥꯎꯕꯁꯨ ꯍꯟꯊꯍꯜꯂꯤ꯫

ꯊ꯭ꯔꯤꯞꯁ:

ꯑꯄꯤꯛꯄ ꯃꯆꯨ ꯇꯥꯏꯐꯦꯠ ꯇꯥꯏꯕ ꯇꯤꯜꯍꯧꯒꯤ ꯃꯅꯥ ꯆꯥꯕꯤ ꯇꯤꯜ
ꯑꯁꯤ ꯖꯥꯅꯨꯋꯥꯔꯤꯒꯤ ꯑꯔꯣꯏꯕ ꯁꯔꯨꯛꯇꯒꯤ ꯃꯦ ꯊꯥ ꯐꯥꯎꯕ ꯇꯥꯒꯜꯂꯤ꯫

ꯑꯗꯨꯕꯨ ꯍꯥꯏꯔꯤꯕ ꯇꯤꯜ ꯑꯁꯤ ꯃꯅꯥ ꯆꯥꯅꯕ ꯊꯥꯕ ꯂꯝꯗꯝ ꯑꯁꯤꯒꯤ
ꯑꯄꯤꯛꯄ ꯇꯤꯜꯍꯧ ꯃꯈꯜꯗꯗꯤ ꯆꯍꯤ ꯆꯨꯞꯄ ꯇꯥꯏ ꯍꯥꯏꯕ ꯌꯥꯏ꯫

ꯇꯤꯜ ꯑꯁꯤꯅ ꯇꯤꯜꯍꯧ ꯃꯅꯥꯒꯤ ꯃꯇꯣꯟꯁꯤꯡꯗ ꯑꯉꯧꯕ ꯗꯥꯒꯁꯤꯡ
ꯂꯩꯍꯟꯕꯒ ꯂꯣꯏꯅꯅ ꯈꯨꯏꯖꯤꯜꯍꯜꯂꯤ꯫ ꯃꯁꯤꯒꯤ ꯐꯤꯚꯝ ꯑꯁꯤꯕꯨ
ꯁꯤꯜꯚꯔ ꯇꯣꯞ ꯍꯥꯏꯅ ꯈꯪꯅꯩ꯫ ꯇꯤꯜꯅ ꯑꯁꯤ ꯇꯤꯜꯍꯧꯅ ꯃꯄꯥꯟ
ꯁꯥꯔꯛꯄ ꯃꯇꯝꯗꯅ ꯍꯦꯟꯅ ꯁꯥꯊꯤ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ:

ꯇꯤꯜꯅ ꯑꯅꯤꯃꯛꯄꯨ ꯉꯥꯛꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛ ꯀ) ꯑꯑꯣꯟ
ꯄꯣꯠꯊꯥ ꯊꯧꯕꯤꯒꯅꯤ꯫ ꯁ) ꯇꯤꯜꯅ ꯑꯁꯤꯗꯒꯤ ꯈꯔ ꯃꯈꯩ ꯉꯥꯛꯊꯣꯛꯆꯕ
ꯉꯝꯖꯕ ꯇꯤꯜꯍꯧ ꯃꯈꯜꯁꯤꯡ ꯊꯥꯕꯤꯒꯅꯤ꯫ ꯈꯨꯗꯝ ꯑꯣꯏꯅ ꯅꯥꯁꯤꯛ ꯔꯦꯗ
ꯁ꯭ꯄꯦꯅꯤꯁ ꯍ꯭ꯋꯥꯏꯠ ꯃꯃꯤꯡ ꯄꯟꯕ ꯌꯥꯏ꯫ ꯂ) Spinosad 45%

ꯃꯤꯂꯤꯂꯤꯇꯔ 5 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15 ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯒ ꯀꯥꯞꯊꯣꯛꯄ
ꯌꯥꯏ ꯅꯠꯇ꯭ꯔꯒꯁꯨ ꯭ꯡꯖꯍꯇꯍꯦ (Colonel-S) ꯃꯤꯂꯤꯂꯤꯇꯔ 15
ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15 ꯈꯨꯗꯤꯡꯗ ꯌꯥꯜꯂꯒ ꯀꯥꯞꯊꯣꯛꯀꯅꯤ꯫

ꯍꯟ ꯆꯪꯕ:

ꯇꯤꯜꯅ ꯑꯁꯤꯅ ꯁꯣꯛꯍꯜꯂꯕ ꯇꯤꯜꯍꯧ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯇꯣꯟ
ꯊꯪꯕ ꯁꯔꯨꯛꯇꯒꯤ ꯀꯣꯅ ꯃꯆꯨ ꯆꯪꯂꯛꯄꯒ ꯂꯣꯏꯅꯅ ꯄꯥꯝꯕꯤ
ꯑꯗꯨ ꯈꯨꯏꯖꯤꯜꯍꯜꯂꯤ꯫ ꯇꯤꯜꯍꯧ ꯃꯔꯨ ꯑꯃꯁꯨꯡ ꯃꯈꯣꯛꯋꯥꯏꯗꯨ
ꯆꯞꯁꯤꯜꯂꯛꯏ, ꯃꯍꯤ ꯊꯣꯛꯄꯒꯨꯝ ꯎꯒꯅꯤ꯫ ꯈꯥꯏꯗꯣꯛꯇꯨꯅ \

ꯦꯡꯕꯗ ꯁꯦꯟꯇꯤꯃꯤꯇꯔ ꯃꯈꯥꯏ ꯑꯃꯃꯨꯛꯇꯪ ꯁꯥꯡꯕ ꯃꯅꯤꯡ ꯍꯨꯏꯊꯕ
ꯍꯟꯁꯤꯡ ꯌꯥꯎꯔꯝꯕ ꯊꯦꯡꯅꯒꯅꯤ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ:

ꯊ꯭ꯔꯤꯞꯁꯤꯀꯤ ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ ꯑꯗꯨꯝꯀ ꯆꯞ ꯃꯥꯟꯅꯅ
ꯆꯠꯊꯕꯤꯕ ꯌꯥꯏ꯫

ꯃꯈꯣꯡ ꯀꯛꯄꯤ:

ꯇꯤꯜ ꯑꯁꯤꯅ ꯃꯈꯜ ꯀꯌꯥꯒꯤ ꯄꯥꯝꯕꯤꯁꯤꯡꯒꯤ ꯃꯈꯣꯡ
ꯀꯛꯊꯠꯂꯤ꯫ ꯅꯤꯡꯊꯝ ꯃꯇꯝꯒꯤ ꯄꯥꯝꯕꯤꯁꯤꯡꯗꯅ ꯑꯃꯨꯛ ꯍꯦꯟꯅ
ꯃꯥꯡꯍꯟ ꯇꯥꯛꯍꯜꯂꯤ꯫ ꯇꯤꯜ ꯑꯁꯤꯅ ꯂꯩꯃꯥꯏ ꯃꯄꯥꯗ ꯄꯥꯝꯕꯤꯁꯤꯡꯒꯤ
ꯃꯈꯣꯡ ꯀꯛꯊꯠꯂꯤ꯫ ꯀꯛꯊꯠꯄꯒꯤ ꯊꯕꯛ ꯑꯁꯤꯁꯨ ꯅꯨꯃꯤꯗꯥꯡꯒꯤ
ꯃꯇꯝꯗꯅ ꯑꯌꯥꯝꯕ ꯇꯧꯏ꯫

ꯉꯥꯛꯊꯣꯛꯅꯕ ꯄꯥꯝꯕꯩ:

ꯀ) ꯏꯪꯉꯣꯜꯗ ꯐꯠꯇ-ꯍꯧꯗꯤ ꯂꯩꯍꯟꯕꯤꯔꯣꯏꯗꯕꯅꯤ꯫

ꯈꯣꯝꯖꯤꯜꯂꯒ ꯃꯩ ꯊꯥꯗꯣꯛꯄꯤꯒꯅꯤ꯫ ꯑꯆꯧꯕ ꯇꯦꯝꯄꯥꯛ ꯂꯩꯇꯨꯝꯁꯤꯡ
ꯊꯨꯒꯥꯏꯕꯤꯒꯅꯤ꯫

ꯁ) ꯅꯠꯇ꯭ꯔꯒ ꯀꯤꯂꯣꯒ꯭ꯔꯥꯝ 25-30 ꯐꯥꯎꯕ ꯄꯔꯤ ꯑꯃꯒꯤ
ꯂꯝꯗ ꯑꯔꯣꯏꯕ ꯂꯧꯑꯣꯟꯒꯤ ꯃꯥꯡꯑꯣꯏꯅꯅ ꯍꯥꯞꯄꯤꯕ ꯌꯥꯏ꯫ ꯃꯁꯤꯅ
ꯇꯤꯜꯅ ꯑꯁꯤꯗꯒꯤ ꯉꯥꯛꯊꯣꯄ ꯉꯝꯒꯅꯤ꯫
ꯗꯥ: ꯑꯦꯝ FOTFOT ꯁꯤꯡꯍ
ꯅꯤꯡꯊꯝ ꯆꯨꯖꯥꯛꯀ ꯍꯋꯥꯏ ꯃꯪꯒꯟꯒ ꯊꯥꯃꯤꯟꯅꯗꯨꯅ ꯁꯦꯟꯊꯣꯛ ꯂꯝꯕꯤ ꯁꯦꯝꯂꯁ
ꯤ
ꯑꯦꯁ ꯁꯨꯃꯪꯒꯜ ꯁꯤꯡꯍ
ꯆꯨꯖꯥꯛ ꯊꯥꯕꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯆꯥꯅꯕ ꯃꯇꯝꯗꯤ ꯈꯥꯔꯤꯐ (ꯖꯨꯟ-

ꯖꯨꯂꯥꯏ) ꯃꯇꯝꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯊꯥꯕꯒꯤ ꯑꯇꯣꯞꯄ ꯃꯇꯝ ꯈꯔꯁꯨ ꯊꯝꯕ
ꯇꯥꯔꯕꯗꯤ ꯅꯤꯡꯊꯝ ꯆꯨꯖꯥꯛ (ꯑꯣꯛꯇꯣꯕꯔ- ꯅꯕꯦꯝꯕꯔ) ꯑꯃꯗꯤ
ꯌꯦꯜꯂꯤꯡꯊꯥ /ꯕꯁꯟꯇ/ ꯁ꯭ꯄ꯭ꯔꯤꯡ/ ꯆꯨꯖꯥꯛ (ꯐꯦꯕꯨꯋꯥꯔꯤ-ꯃꯥꯔꯆ)
ꯄꯟꯕ ꯌꯥꯏ꯫ ꯅꯤꯡꯊꯝ ꯆꯨꯖꯥꯛ ꯊꯥꯕꯒꯤ ꯆꯞ ꯆꯥꯕ ꯃꯇꯝ ꯑꯣꯏꯔꯦ
ꯍꯥꯏꯕ ꯌꯥꯏ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯀꯅꯥꯒꯨꯝꯕꯒꯤ ꯊꯥꯐꯝ ꯆꯥꯕ ꯃꯐꯝ
ꯂꯩꯔꯕꯗꯤ ꯁꯦꯟꯗꯣꯡ ꯂꯩꯅ ꯆꯨꯖꯥꯛ ꯊꯥꯅꯕ ꯍꯣꯠꯅꯕ ꯌꯥꯔꯦ꯫

ꯃꯥꯂꯦꯝꯒꯤ ꯑꯣꯏꯅ ꯆꯨꯖꯥꯛ ꯑꯁꯤ ꯑꯩꯈꯣꯏ ꯃꯤꯑꯣꯏꯕ ꯑꯃꯗꯤ
ꯁꯥ- ꯁꯟꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯃꯔꯨꯑꯣꯏꯕ ꯆꯤꯟꯖꯥꯛꯅꯤ ꯍꯥꯏꯅ ꯂꯧꯅꯩ꯫

ꯑꯇꯣꯞꯄ ꯃꯑꯣꯡꯗ ꯆꯨꯖꯥꯛꯀꯤ ꯆꯟꯅꯐꯝꯗꯤ ꯌꯥꯝꯅ ꯂꯩ꯫ ꯑꯗꯨꯕꯨ
ꯃꯅꯤꯄꯨꯔꯒꯤ ꯑꯣꯏꯅꯗꯤ ꯆꯤꯡꯒꯤ ꯂꯝ ꯈꯔꯒ ꯇꯝꯄꯥꯛꯀꯤ ꯂꯝ
ꯈꯔꯒ ꯅꯠꯇꯅ ꯆꯨꯖꯥꯛ ꯊꯥꯐꯝ ꯌꯥꯝꯅꯗꯤ ꯂꯩꯇꯦ꯫ ꯑꯗꯨꯝ ꯑꯣꯏꯅꯃꯛ
ꯀꯅꯥꯒꯨꯝꯕ ꯊꯋꯥꯏ ꯌꯥꯎꯕ ꯏꯆꯤꯟ ꯏꯅꯥꯎꯁꯤꯡꯅ ꯃꯁꯤ ꯁꯦꯟꯗꯣꯡ
ꯌꯥꯝꯅ ꯂꯩꯅ ꯊꯥꯕꯗꯤ ꯌꯥꯏ꯫ ꯈꯔ ꯈꯪꯖꯤꯟꯃꯤꯟꯅꯁꯤ꯫

ꯅꯤꯡꯊꯝ ꯆꯨꯖꯥꯛ ꯊꯥꯕ: ꯅꯤꯡꯊꯝ ꯆꯨꯖꯥꯛ ꯊꯥꯕꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ
ꯆꯥꯅꯕ ꯃꯇꯝꯗꯤ ꯃꯊꯛꯇ ꯊꯝꯖꯈꯤꯕ ꯑꯣꯛꯇꯣꯕꯔ-ꯅꯃꯦꯝꯕꯔ
ꯃꯇꯝꯁꯤꯅꯤ꯫ ꯅꯤꯡꯊꯝ ꯃꯇꯝ ꯑꯣꯏꯕꯅ ꯎꯟꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕ
ꯎꯄꯥꯏ ꯊꯤꯕ ꯇꯥꯏ꯫ ꯃꯔꯝꯗꯤ ꯗꯤꯁꯦꯝꯕꯔ -ꯖꯅꯨꯋꯥꯔꯤ ꯃꯇꯝꯗ \

ꯥꯝꯅ ꯏꯪꯕ ꯃꯔꯝꯅ ꯆꯨꯖꯥꯛ ꯆꯥꯎꯕ ꯈꯔ ꯊꯤꯜꯂꯤ, ꯈꯔ ꯆꯦꯛꯁꯤꯟꯕ
ꯃꯊꯧ ꯇꯥꯏ꯫ ꯐꯦꯕꯨꯋꯥꯔꯤ ꯌꯧꯔꯛꯄꯗ ꯈꯔ ꯁꯥꯒꯠꯂꯛꯄꯒ ꯂꯣꯏꯅꯅ
ꯏꯁꯤꯡ ꯑꯃꯗꯤ ꯍꯥꯔ ꯁꯤꯖꯤꯟꯅꯗꯨꯅ ꯁꯥꯍꯧ ꯐꯒꯠꯍꯟꯗꯨꯅ ꯐꯦꯕꯨꯋ
ꯥꯔꯤ ꯃꯥꯔꯆꯇ ꯊꯥ ꯆꯨꯖꯥꯛꯇꯒꯤ ꯈꯔ ꯉꯟꯅ ꯂꯣꯛꯇꯨꯅ ꯑꯉꯟꯕ
ꯑꯇꯦꯛꯄ ꯆꯨꯖꯥꯛ ꯑꯣꯏꯅ ꯌꯣꯟꯕꯗ ꯁꯦꯟꯗꯣꯛ ꯍꯦꯟꯅ ꯐꯪꯕ
ꯉꯝꯒꯅꯤ꯫

ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎ: ꯆꯨꯖꯥꯛ ꯑꯌꯥꯝꯕ ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎꯗ ꯍꯧꯕ
ꯉꯝꯃꯤ ꯑꯗꯨꯕꯨ ꯏꯁꯤꯡ ꯇꯨꯡꯂꯣꯏꯗꯕ, ꯈꯔ ꯇꯣꯡꯇꯛ ꯇꯧꯕ ꯐꯣꯂꯤ
ꯇꯥꯕ ꯃꯐꯝꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯍꯦꯟꯅ ꯄꯞꯅꯩ꯫ ꯑꯁꯤꯟ ꯑꯌꯥꯛꯀꯤ
ꯆꯥꯡꯗꯤ ꯀꯥ ꯍꯦꯟꯅꯁꯨ ꯁꯤꯟꯗꯕ ꯀꯥ ꯍꯦꯟꯅꯁꯨ ꯌꯥꯛꯇꯕ PH 5.5-

7.5 ꯑꯗꯨꯃꯛ ꯅꯤꯡꯊꯤꯅ ꯍꯧꯕ ꯉꯝꯃꯤ꯫

ꯊꯥꯐꯝ ꯁꯦꯝꯕ ꯑꯃꯁꯨꯡ ꯊꯥꯕ: ꯐꯣꯂꯤ ꯇꯥꯕ ꯃꯐꯝꯗꯗꯤ
ꯂꯧꯑꯣꯟ ꯑꯅꯤ ꯑꯍꯨꯝ ꯈꯣꯏꯔꯒ ꯑꯗꯨꯃꯛ ꯌꯥꯕ ꯊꯦꯡꯅꯩ ꯑꯗꯨꯕꯨ
ꯂꯩꯇꯥꯟ ꯂꯝ ꯑꯣꯏꯕꯗꯤ ꯈꯔ ꯃꯃꯨꯠ ꯇꯥꯅ ꯈꯣꯏꯕ ꯆꯪꯏ꯫ ꯑꯁꯨꯝꯅ
ꯈꯣꯏꯔꯕ ꯂꯧꯐꯝꯗ ꯈꯥ-ꯋꯥꯡ ꯑꯣꯏꯅ ꯐꯨꯠ ꯑꯅꯤ-ꯑꯅꯤ ꯄꯥꯞꯄ
ꯐꯩꯗꯣꯝꯁꯤꯡ ꯁꯦꯝꯕꯤꯒꯅꯤ꯫ ꯐꯩꯗꯣꯝꯒꯤ ꯃꯔꯛꯇ ꯐꯨꯠ ꯑꯃꯒꯤ
ꯆꯨꯔꯤ/ꯏꯔꯝ ꯁꯦꯝꯕꯤꯒꯅꯤ꯫ ꯐꯩꯗꯣꯝꯒꯤ ꯃꯃꯥꯡ ꯊꯪꯕ ꯅꯥꯛꯆꯦꯞꯇ
ꯐꯩꯗꯣꯝꯒ ꯏꯔꯣꯏꯅꯅ ꯆꯥꯎꯔꯥꯛꯅ ꯏꯟꯆꯤ 8-10 ꯂꯥꯞꯅ ꯀꯥꯡꯈꯨꯜ
ꯑꯃꯗ ꯆꯨꯖꯥꯛ ꯃꯔꯨ ꯑꯅꯤ- ꯑꯅꯤ ꯊꯥꯕꯤꯒꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕ ꯃꯑꯣꯡ
ꯑꯁꯤꯗ ꯊꯥꯕꯗ ꯆꯨꯖꯥꯛ ꯄꯔꯦꯡꯒ ꯄꯔꯦꯡꯒ ꯐꯨꯠꯕ ꯑꯍꯨꯝ
ꯂꯥꯞꯅꯔꯒꯅꯤ꯫ ꯐꯩꯗꯣꯝꯒꯤꯅ ꯃꯊꯛꯇ, ꯆꯨꯖꯥꯛ ꯄꯔꯦꯡ ꯑꯅꯤꯒꯤꯅ
ꯀꯥꯔꯛꯇ ꯍꯥꯏꯕꯗꯤ ꯐꯩꯗꯣꯝ ꯃꯊꯛꯇ ꯍꯋꯥꯏ ꯃꯪꯒꯜ ꯄꯔꯦꯡ ꯑꯅꯤ
ꯊꯥꯕ ꯌꯥꯏ꯫ ꯃꯪꯒꯜ ꯄꯔꯦꯡ ꯑꯅꯤꯒꯤ ꯑꯔꯥꯞꯄꯁꯤ ꯐꯨꯠ ꯑꯃ ꯃꯈꯥ
ꯑꯣꯏꯍꯟꯁꯤ, ꯄꯔꯦꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯃꯔꯨ ꯑꯃꯒ ꯑꯃꯒꯒꯤ
ꯑꯔꯥꯞꯄꯅ ꯐꯨꯠꯈꯥꯏꯒꯤ ꯆꯥꯡ ꯊꯝꯁꯤ꯫ ꯆꯨꯖꯥꯛ ꯍꯧꯔꯕ ꯃꯇꯨꯡꯗ
ꯀꯥꯡꯈꯨꯜ ꯑꯃꯗ ꯑꯅꯤ ꯑꯅꯠ ꯍꯧꯔꯛꯂꯕꯗꯤ ꯈꯔ ꯁꯣꯟꯕ ꯄꯥꯝꯕꯤ
ꯑꯗꯨ ꯂꯧꯊꯣꯛꯇꯨꯅ ꯁꯥ-ꯁꯟꯒꯤ ꯅꯠꯇ꯭ꯔꯒ ꯉꯥꯒꯤ ꯃꯆꯤꯟꯖꯥꯛ
ꯑꯣꯏꯅ ꯁꯤꯖꯤꯟꯅꯕ ꯌꯥꯏ꯫

ꯆꯨꯖꯥꯛ ꯑꯃꯗꯤ ꯃꯪꯒꯜ ꯃꯈꯜ: ꯍꯥꯏꯕ꯭ꯔꯤꯗ ꯆꯨꯖꯥꯛ ꯄꯤ ꯑꯦ
ꯁꯤ 740, ꯀ꯭ꯋꯥꯂꯤꯇꯤ ꯄ꯭ꯔꯣꯇꯤꯟ ꯃꯦꯖ ꯁꯛꯇꯤꯃꯥꯟ 1, HQPM-

5, HQPM - 7 ꯍꯥꯏꯔꯤꯕ ꯃꯈꯜꯁꯤꯡ ꯑꯁꯤ ꯃꯅꯤꯄꯨꯔꯗ
ꯆꯥꯅꯔꯕ ꯃꯈꯜ ꯉꯥꯛꯇꯅꯤ꯫ ꯃꯈꯣꯏ ꯈꯨꯗꯤꯡꯃꯛ ꯅꯤꯡꯊꯤꯅ
ꯊꯥꯔꯕꯗꯤ ꯆꯨꯖꯥꯛ ꯑꯅꯤ ꯑꯅꯤ ꯄꯥꯟꯕ ꯉꯝꯃꯤ꯫ ꯃꯅꯤꯄꯨꯔꯗ ꯆꯥꯅꯕ
ꯃꯪꯒꯜ ꯃꯈꯜꯗꯤ- ꯑꯔꯀꯦꯜ, ꯒ꯭ꯔꯤꯟ ꯄꯔꯜ, ꯑꯥꯖꯥꯗ, ꯅꯧꯅ ꯆꯥꯡꯌ
ꯦꯡ ꯇꯧꯕꯗ ꯌꯥꯝꯅ ꯉꯟꯅ ꯄꯥꯟꯕ ꯃꯍꯥꯎꯁꯨ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯃꯈꯌ
ꯥꯠ ꯃꯨꯕꯤꯒ ꯍꯥꯏꯐꯦꯠ ꯃꯥꯟꯅꯔꯞ ꯂꯩꯕꯨ ꯄꯨꯁꯥ ꯁ꯭ꯔꯤ ꯄꯟꯕ ꯌꯥꯏ꯫

ꯍꯥꯏꯔꯤꯕ ꯍꯋꯥꯏ ꯃꯈꯜꯁꯤꯡ ꯑꯁꯤ ꯃꯇꯝ ꯇꯦꯟꯕ ꯆꯨꯖꯥꯛꯇꯒ
ꯉꯟꯅ ꯂꯣꯛꯈ꯭ꯔꯒꯗꯕ ꯍꯋꯥꯏ ꯃꯈꯜꯁꯤꯡꯅꯤ꯫

ꯃꯔꯨꯒꯤ ꯆꯥꯡ: ꯍꯥꯏꯕ꯭ꯔꯤꯗ ꯑꯃꯗꯤ ꯀ꯭ꯋꯥꯂꯤꯇꯤ ꯄ꯭ꯔꯣꯇꯤꯟ
ꯃꯦꯖ-ꯁꯉꯝꯗ ꯀꯤꯂꯣ 5-6 ꯀꯝꯄꯣꯖꯤꯠꯀꯤ ꯀꯤꯂꯤ 4-5
ꯆꯪꯒꯅꯤ꯫ ꯍꯋꯥꯏ ꯃꯪꯒꯜꯒꯤꯗꯃꯛ KZA ꯑꯃꯗ ꯃꯔꯨ ꯀꯤꯂꯣ
15-20 ꯐꯥꯎꯕ ꯆꯪꯒꯅꯤ꯫ ꯑꯁꯨꯝꯅ ꯊꯥꯕꯗ KZA ꯑꯃ ꯄꯥꯛ ꯆꯥꯎꯕ
ꯂꯧꯐꯝꯗ ꯆꯨꯖꯥꯛ ꯄꯥꯝꯕꯤ 1500-1800 ꯐꯥꯎꯕ ꯆꯟꯒꯅꯤ꯫ꯍꯥꯔꯒꯤ
ꯆꯥꯡ: ꯉꯝꯂꯕꯗꯤ KZA ꯑꯃꯗ ꯅꯤꯡꯊꯤꯅ ꯄꯠꯊ-ꯄꯨꯝꯊꯔꯕ
ꯁꯟꯊꯤ-ꯁꯟꯌꯨꯡꯒꯤ ꯍꯥꯔ KE ꯒꯥꯔꯤ ꯃꯄꯣꯠ 5.6 ꯀ ꯂꯣꯏꯅꯅ
ꯆꯨꯖꯥꯛꯀꯤꯗꯃꯛ ꯌꯨꯔꯤꯌꯥ ꯀꯤꯂꯣ 30-35; ꯁꯤꯡꯒꯜ ꯁꯨꯄꯔ
ꯐꯣꯁꯐꯦꯠ (ꯑꯦꯁ ꯑꯦꯁ ꯄꯤ) ꯀꯤꯂꯣ 60-65 ꯑꯃꯗꯤ ꯃ꯭ꯌꯨꯔꯤꯑꯦꯠ
ꯑꯣꯐ ꯄꯣꯇꯥꯁ ꯀꯤꯂꯣ 14-15 ꯒ ꯂꯣꯏꯅꯅ ꯖꯤꯡꯛ ꯁꯜꯐꯦꯠ ꯀꯤꯂꯣ
5 ꯆꯪꯒꯅꯤ꯫

ꯍꯥꯔ ꯍꯥꯞꯄꯒꯤ ꯃꯑꯣꯡ; ꯍꯥꯔ ꯍꯥꯞꯄꯒꯤ ꯃꯇꯝ
ꯁꯣꯏꯔꯕꯗꯤ ꯍꯥꯔ ꯍꯥꯞꯄꯒꯤ ꯀꯥꯟꯅꯕꯗꯒꯤ ꯃꯥꯡꯕꯅ ꯍꯦꯟꯒꯅꯤ꯫

ꯆꯦꯛꯁꯤꯟꯁꯤ꯫ ꯑꯄꯨꯟꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯁꯔꯨꯛ ꯑꯍꯨꯝ
ꯊꯣꯛꯄꯒꯤ ꯑꯃ, ꯑꯦꯁ ꯑꯦꯁ ꯄꯤꯒꯤ ꯑꯄꯨꯟꯕ, ꯄꯣꯇꯥꯁꯀꯤ
ꯑꯄꯨꯟꯕ ꯑꯃꯁꯨꯡ ꯑꯄꯨꯟꯕ ꯖꯤꯡꯛ ꯁꯜꯐꯦꯠ ꯌꯥꯟꯁꯤꯟꯅꯔꯒ
ꯃꯔꯨ ꯊꯥꯒꯗꯕ ꯄꯔꯦꯡꯒꯤ ꯅꯥꯀꯜ ꯑꯣꯏꯔꯞꯅ ꯁꯦ:ꯃꯤ: 4-5
ꯆꯠꯊꯣꯛꯂꯒ ꯑꯃꯗꯤ ꯁꯦ:ꯃꯤ: 4-5 ꯃꯔꯨꯗꯒꯤ ꯂꯨꯊꯅ ꯂꯩꯕꯥꯛ
ꯍꯟꯗꯣꯛꯂꯒ ꯄꯔꯦꯡꯗ ꯍꯥꯎꯍꯧꯁꯤ꯫ ꯑꯁꯨꯝꯅ ꯍꯥꯞꯄꯁꯤꯅ ꯍꯥꯔ
ꯆꯥꯏꯕꯒꯤ ꯀꯥꯟꯅꯕ ꯌꯥꯝꯅ ꯍꯦꯜꯂꯤ꯫ ꯑꯗꯨꯕꯨ ꯑꯁꯨꯝꯅ ꯄꯔꯦꯡꯗ
ꯆꯥꯎꯕꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯕ ꯂꯩꯇ꯭ꯔꯕꯗꯤ ꯑꯔꯣꯏꯕ ꯈꯣꯏꯕꯗ ꯑꯍꯥꯟꯕꯒꯤ
ꯗꯣꯖ ꯑꯗꯨ ꯂꯩꯕꯥꯛꯇ ꯃꯃꯨꯠ ꯇꯥꯅ ꯈꯣꯏꯖꯤꯟꯕꯤꯍꯧꯒꯅꯤ꯫ ꯍꯧꯔꯕ
ꯆꯨꯖꯥꯛꯅ ꯈꯨꯎꯃꯨꯛ ꯋꯥꯡꯂꯛꯄ ꯍꯥꯏꯕꯗꯤ ꯊꯥꯕꯗꯒꯤ ꯅꯨꯃꯤꯠ 35-

40 ꯅꯤ ꯁꯨꯔꯛꯄ ꯃꯇꯝꯗ ꯂꯦꯝꯍꯧꯔꯤꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯇꯪꯉꯥꯏ ꯑꯃ
ꯃꯈꯣꯡ ꯈꯣꯞꯆꯤꯟꯗ꯭ꯔꯤꯉꯩ ꯃꯃꯥꯡꯑꯣꯏꯅꯅ ꯄꯥꯝꯕꯤꯒꯤ ꯅꯥꯀꯟꯗ
ꯄꯔꯦꯡ ꯁꯥꯅ ꯆꯥꯏꯔꯕ ꯃꯇꯨꯡꯗ ꯃꯈꯣꯡ ꯈꯣꯞꯆꯤꯟꯕꯤꯒꯅꯤ꯫

ꯃꯈꯣꯡ ꯈꯣꯞꯆꯤꯟꯕ ꯃꯇꯝꯗ ꯃꯔꯥꯗ ꯍꯥꯔꯅ ꯊꯦꯡꯗꯅꯕ ꯌꯥꯝꯅ
ꯆꯦꯛꯁꯤꯟꯕꯤꯒꯅꯤ꯫ ꯑꯔꯣꯏꯕ ꯑꯣꯏꯅ ꯂꯦꯝꯍꯩꯔꯤꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ
ꯁꯔꯨꯛ ꯑꯗꯨ ꯃꯄꯥꯟ ꯁꯥꯕ ꯍꯧꯔꯛꯄ ꯃꯇꯝ ꯆꯥꯏꯕꯤꯒꯅꯤ꯫

ꯍꯥꯕꯦꯡꯕ: ꯄꯥꯝꯕꯤ ꯑꯃ ꯐꯅꯕ ꯍꯣꯠꯅꯕ ꯃꯇꯝꯗ ꯅꯥꯄꯤ
ꯍꯧꯍꯟꯗꯕ ꯍꯥꯏꯕꯁꯤ ꯌꯥꯝꯅꯃꯛ ꯃꯔꯨ ꯑꯣꯏ꯫ ꯅꯥꯄꯤꯒ ꯊꯥꯔꯤꯕ
ꯄꯥꯝꯕꯤꯒ ꯃꯇꯝ ꯄꯨꯝꯅꯃꯛꯇ ꯀꯝꯄꯤꯇꯤꯁꯟ ꯇꯧꯏ ꯍꯥꯏꯕꯁꯤ
ꯀꯥꯎꯗꯕ ꯐꯩ꯫ ꯆꯨꯖꯥꯛ ꯃꯔꯨ ꯊꯥꯔꯕ ꯃꯇꯨꯡꯗ ꯁꯤꯃꯥꯖꯤꯟ ꯅꯠꯇ꯭ꯔꯒ
ꯑꯦꯖꯇ꯭ꯔꯤꯟ ꯒ꯭ꯔꯥꯝ 250 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 500 ꯗ ꯌꯥꯜꯂꯒ ꯂꯩꯃꯥꯏ
ꯆꯣꯠꯅꯕ ꯀꯥꯎꯊꯣꯛꯁꯤ꯫ ꯃꯁꯤꯒ ꯂꯣꯏꯅꯅ ꯊꯥꯔꯕ ꯃꯇꯨꯡ ꯅꯨꯃꯤꯠ
3-40 ꯅꯤ ꯁꯨꯔꯛꯄ ꯃꯇꯝꯗ ꯑꯃꯨꯛ ꯈꯨꯠꯅ ꯍꯥꯕꯦꯡꯁꯤ꯫

ꯏꯁꯤꯡ ꯆꯟꯕ: ꯆꯨꯖꯥꯛ ꯄꯥꯝꯕꯤꯗꯤ ꯏꯁꯤꯡ ꯋꯥꯠꯄ
ꯑꯃꯁꯨꯡ ꯍꯦꯟꯕ ꯑꯅꯤꯃꯛꯇ ꯐꯠꯇꯦ꯫ ꯏꯁꯤꯡ ꯋꯥꯠꯄ ꯃꯇꯝꯗ
ꯆꯨꯖꯥꯛ ꯄꯥꯝꯕꯤ ꯁꯥꯍꯧ ꯐꯅ ꯍꯧꯕ ꯉꯝꯂꯣꯏ꯫ ꯂꯣꯏꯅꯅ ꯆꯥꯊꯣꯛ
ꯁꯣꯏꯗꯅ ꯍꯟꯊꯒꯅꯤ꯫ ꯏꯁꯤꯡ ꯇꯨꯡꯁꯤꯜꯂꯒꯅ ꯆꯨꯖꯥꯛ ꯄꯥꯝꯕꯤ
ꯁꯤꯒꯅꯤ꯫ ꯆꯨꯖꯥꯛ ꯄꯥꯝꯕꯤꯗꯤ ꯄꯨꯡ 6 ꯐꯥꯅ ꯏꯁꯤꯡ ꯊꯨꯝꯖꯤꯟꯕ
ꯃꯇꯝꯗ ꯁꯤꯒꯜꯂꯤ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯏꯁꯤꯡ ꯆꯤꯁꯤꯟꯕ \

ꯥꯕ ꯏꯔꯝ ꯁꯦꯝꯕꯤꯕ ꯀꯥꯎꯗꯕ ꯐꯩ ꯂꯣꯏꯅꯅ ꯐꯩꯗꯣꯝ ꯈꯔ ꯋꯥꯡꯅ
ꯇꯥꯈꯠꯇꯕ ꯌꯥꯗꯦ꯫ ꯅꯣꯡ ꯆꯨꯗꯕ ꯃꯇꯝꯗ ꯈꯨꯎꯃꯨꯛ ꯋꯥꯡꯂꯛꯄ
ꯃꯇꯝ ꯑꯃꯗꯤ ꯃꯄꯥꯟ ꯁꯥꯔꯛꯄ ꯃꯇꯝꯗ ꯏꯁꯤꯡ ꯆꯟꯕꯤꯕ \

ꯥꯝꯅꯃꯛ ꯀꯥꯟꯅꯒꯅꯤ꯫

ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ: ꯆꯨꯖꯥꯛ ꯄꯥꯝꯄꯤꯗ ꯃꯌꯣꯟ ꯆꯤꯛꯄꯤ ꯇꯤꯜ
ꯇꯥꯒꯜꯂꯤ꯫ ꯃꯁꯤꯒꯤꯗꯃꯛ ꯐꯨꯔꯥꯗꯥꯟ ꯊ꯭ꯔꯤ ꯖꯤ ꯍꯥꯏꯔꯤꯕ ꯍꯤꯗꯥꯛ
ꯑꯁꯤ ꯃꯔꯨ 5-5 ꯆꯨꯖꯥꯛꯀꯤ ꯃꯌꯣꯟꯗ ꯊꯥꯗꯕꯤꯕ ꯐꯩ꯫ ꯑꯇꯩ ꯂꯥꯏꯅꯥ
ꯇꯥꯔꯛꯄ ꯃꯇꯝꯗ ꯑꯈꯪ ꯑꯍꯩ ꯃꯇꯝ ꯆꯥꯅ ꯇꯥꯅꯗꯨꯅ ꯀꯜꯍꯧꯅꯕ
ꯍꯣꯠꯅꯁꯤ꯫

ꯍꯋꯥꯏ ꯃꯪꯒꯟꯒꯤꯗꯃꯛꯤ ꯌꯨꯔꯤꯌꯥ ꯍꯥꯔ ꯍꯥꯞꯇ꯭ꯔꯕꯁꯨ ꯌꯥꯏ
ꯑꯗꯨꯕꯨ ꯃꯪꯒꯜ ꯃꯔꯨꯒꯤ ꯅꯥꯀꯟꯗ ꯁꯨꯄꯔ ꯁꯔꯨꯛ 9 ꯒ ꯄꯣꯇꯥꯁ
ꯁꯔꯨꯛ 3 ꯒ ꯌꯥꯟꯅꯔꯒ ꯈꯨꯗꯣꯜ ꯃꯉꯥꯅ ꯄꯥꯏꯕꯗ ꯌꯥꯎꯔꯛꯄ ꯆꯥꯡ
ꯑꯗꯨ ꯃꯔꯨꯒꯤ ꯅꯥꯀꯟꯗ ꯃꯔꯨꯗꯒꯤ ꯈꯔ ꯂꯨꯊꯅ ꯍꯥꯞꯁꯤ꯫

ꯆꯨꯖꯥꯛ ꯑꯃꯁꯨꯡ ꯍꯋꯥꯏ ꯃꯪꯒꯜ ꯑꯅꯤ ꯄꯨꯟꯅ ꯊꯥꯃꯤꯟꯅꯕꯅ
ꯍꯋꯥꯏ ꯃꯪꯒꯟꯗ ꯇꯥꯒꯗꯕ ꯂꯥꯏꯅꯥ ꯇꯤꯜꯅꯥ ꯀꯌꯥ ꯃꯔꯨ ꯑꯣꯏꯅ _

ꯥꯍꯤꯛ ꯑꯃꯗꯤ ꯃꯍꯤ ꯆꯨꯞꯄ ꯑꯇꯩ ꯇꯤꯜꯁꯤꯡꯗꯒꯤ ꯆꯨꯖꯥꯛꯅ
ꯉꯥꯛꯊꯣꯛꯄ ꯉꯝꯍꯜꯂꯤ꯫ ꯆꯨꯖꯥꯛꯀꯤ ꯃꯅꯥꯅ, ꯅꯨꯡꯁꯤꯠ ꯁꯤꯠꯄ
ꯃꯇꯝꯗꯇ ꯍꯥꯏ ꯍꯨꯝꯅ ꯂꯦꯡꯕꯅ ꯇꯤꯜꯁꯤꯡ ꯑꯁꯤ ꯇꯥꯟꯊꯣꯛꯅꯕꯒꯤ
ꯃꯔꯝ ꯑꯃꯁꯨꯡ ꯑꯣꯏ꯫

ꯄꯣꯠꯊꯣꯛ: ꯑꯁꯨꯝꯅ ꯆꯨꯖꯥꯛ ꯊꯥꯕ ꯃꯇꯝꯗ ꯂꯧ KZA

ꯑꯃꯗ ꯆꯥꯎꯔꯥꯛꯅ, ꯑꯔꯟ ꯑꯀꯨꯡ ꯊꯦꯟꯅꯕꯒꯤ ꯃꯇꯨꯡ ꯏꯟꯅ
ꯆꯨꯖꯥꯛ ꯄꯥꯝꯕꯤ 1500-2000 ꯐꯥꯎꯕ ꯊꯥꯕ ꯌꯥꯏ꯫ ꯃꯁꯤꯗꯒꯤ ꯑꯁꯣꯏ
ꯑꯉꯥꯝ ꯈꯔ ꯈꯥꯏꯗꯣꯛꯂꯒ ꯑꯁꯪꯕ ꯆꯨꯖꯥꯛ ꯃꯄꯨꯝ 25000-26000
ꯃꯨꯛꯇꯤ ꯑꯗꯨꯃꯛ ꯂꯣꯛꯄ ꯌꯥꯏ꯫ ꯆꯥꯡꯆꯠꯇ ꯆꯨꯖꯥꯛ ꯑꯃꯗ ꯂꯨꯄꯥ 3
ꯈꯛꯇꯪꯗ ꯌꯣꯟꯕꯗ ꯂꯨꯄꯥ 75000 ꯗꯤ ꯐꯪꯕ ꯌꯥꯏ꯫ ꯇꯁꯦꯡꯅꯃꯛꯇꯤ
ꯂꯨꯄꯥ 3 ꯗꯒꯤ ꯍꯦꯟꯅ ꯌꯣꯟꯅꯕ ꯉꯥꯛꯇꯅꯤ꯫ ꯃꯪꯒꯟꯗꯒꯤꯁꯨ
ꯑꯗꯨꯃꯛ ꯄꯣꯠꯊꯣꯛ ꯃꯇꯤꯛ ꯆꯥꯅ ꯐꯡꯕꯒ ꯂꯣꯏꯅꯅ ꯁꯦꯟꯗꯣꯡ
ꯌꯥꯝꯅ ꯐꯪꯕ ꯉꯝꯒꯅꯤ꯫ ꯑꯁꯨꯝꯅ ꯀꯅꯥꯒꯨꯝꯕ ꯂꯧ KZA ꯑꯃ ꯂꯩꯕ
ꯊꯋꯥꯏ ꯌꯥꯎꯕ ꯂꯧꯃꯤ ꯏꯆꯤꯟ ꯏꯅꯥꯎꯁꯤꯡꯅ ꯊꯥ 3-4 ꯒꯤ ꯃꯅꯨꯡ
ꯁꯦꯟꯗꯣꯡ ꯑꯣꯏꯅ ꯂꯨꯄꯥ ꯂꯥꯈ ꯑꯃ ꯈꯔ ꯍꯦꯟꯅ ꯇꯥꯟꯕ ꯉꯝꯕꯒꯤ
ꯑꯣꯏꯊꯣꯛꯄ ꯂꯩꯇꯕ ꯅꯠꯇꯦ꯫

ꯕꯤ ꯖꯦ ꯄꯤ ꯌꯨꯕ ꯃꯣꯔꯆꯥ
ꯃꯅꯤꯄꯨꯔ ꯁꯇꯦꯠ ꯌꯨꯅꯤꯠꯅ
ꯄꯥꯎꯆꯦ ꯃꯩ ꯊꯥꯕꯒꯤ ꯊꯧꯑꯣꯡ
ꯌꯥꯅꯤꯡꯗꯕ ꯐꯣꯡꯗꯣꯛꯄ
ꯑꯣꯏꯅ ꯑꯦꯗꯤꯇꯔꯁ
ꯒꯤꯜ ꯃꯅꯤꯄꯨꯔꯅ ꯂꯧꯈꯤꯕ
ꯋꯥꯔꯦꯞꯀꯤ ꯃꯇꯨꯡ ꯏꯟꯅ
ꯉꯁꯤꯒꯤ ꯑꯦꯗꯤꯇꯔꯦꯜ
ꯍꯥꯡꯍꯟꯖꯔꯦ ꯫