

TRI-BASIN NRD
PRIORITY SCORING SHEET FOR APPLICATIONS

Owners Name _____ Legal _____ Tract _____

I) EROSION (NC-1, NC-2, NC-3*, NC-4, NC-6*, NC-7, NC-8, NC-10*, NC-11*, NC-18*, NC-19*)

Practice Name: _____ Total Acres in Field: _____

Acres Benefited By Practice: _____

Check type of erosion: () Sheet & Rill () Wind () Gully

A. Tons of Erosion Before: _____ (A)

B. Tons of Erosion After: _____ (B)

C. Tons of Erosion Saved: _____ (C)

D. Cost Share \$ _____ ÷ Tons Saved (C) _____ = \$ _____ per Ton Saved

II) WATER CONSERVATION & WATER QUALITY (Attach NSWCP-14) (NC-3*, NC-5, NC-6*, NC-13, NC-17)

Practice Name: _____ Total Acres in Field: _____

Acres Benefited by Practice: _____ Other Irrigated Acres: _____

A. Water Savings

Average annual irrigation water needs of corn = 16 acre-inches per acre (ac-in/ac)

Average annual irrigation system water applications (ac-in/ac) to meet 16 ac-in/ac

Open ditch without re-use = 35.56 with re-use = 24.62

Gated pipe without re-use = 26.67 with re-use = 22.86

Surge Valve & gated pipe = 20.00 VFTRS = 18.82

Sub-Surface Drip = 16.84

Center Pivots: Hi Press Nozzle (75+ PSI) = 21.33 Med Press Nozzle (36-74) = 20.00

Lo Press Nozzle (2-35 PSI) = 18.82 LEPA = 16.84

1. Before Water Applied (ac-in/ac): _____ (use two decimal places as listed above)

2. After Water Applied (ac-in/ac): _____ (use two decimal places as listed above)

3. Before Water Applied – After Water Applied = _____ (A)

B. If in Phase II of Tri-Basin's Groundwater Quality area, 3.00 points: _____ (B)

C. If in Phase III of Tri-Basin's Groundwater Quality area, 4.00 points: _____ (C)

D. If in Tri-Basins Short Water Supply area, 3.00 points: _____ (D)

E. Total Points to two decimal places (A + B + C + D) = _____ (E)

F. Cost Share \$ _____ ÷ Total Points (E) _____ = \$ _____ per Point

* Practice can fit in different categories, depending on purpose of use.

Additional information to further explain the purpose of the practice.

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III) TREE PLANTING (NC-12)

A. Total number of trees to be planted: _____

B. Total running feet of mulch to be installed: _____

C. Type of planting (Check 1) () Wildlife Habitat () Farmstead Windbreak
 () Field Windbreak () Livestock Windbreak
 () Other (specify) _____

IV) WINDBREAK RENOVATION (Per State Forester Plan) (NC-16)

A. Total acres of windbreak to be replaced: _____

B. Total acres in existing windbreak: _____

C. Total number of trees to be planted: _____

D. Total running feet of mulch to be installed: _____

V) RANGE IMPROVEMENT (Attach NSWCP-10) (NC-9, NC-10, NC-11*, NC-14, NC-18*, NC-19*, NC-20)

Practice Name: _____ Total Acres of Rangeland: _____

Acres Benefited by Practice: _____

A. Condition of Range sites

- 1. Poor Acres: _____ x 2 = _____ (1)
- 2. Fair Acres: _____ x 1 = _____ (2)
- 3. Good Acres: _____ x 0.5 = _____ (3)
- 4. Excellent Acres: _____ x 0 = _____ (4)

B. Total Points Value of Rangeland Improvement ((1) + (2) + (3) + (4)) = _____ (5)

C. Cost Share \$ _____ ÷ Total Points Value (5) _____ = \$ _____ per Point Value

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Additional information to further explain the purpose of the practice.
